# 1CD-9-CM

# CLASSIFIC 2015 ROCEDURES

**CLASSIFICATION OF PROCEDURES** 

1NTERNATIONAL CLASSIFICATION OF DISEASES

9th REVISION

CLINICAL MODIFICATION

#### INTRODUCTION

The International Classification of Diseases, 9th Revision, Clinical Modification (ICD-9-CM) is based on the official version of the World Health Organization's 9th Revision, International Classification of Diseases (ICD-9). ICD-9 is designed for the classification of morbidity and mortality information for statistical purposes, and for the indexing of hospital records by disease and operations, for data storage and retrieval. The historical background of the International Classification of Diseases may be found in the Introduction to ICD-9 (Manual of the International Classification of Diseases, Injuries, and Causes of Death, World Health Organization, Geneva, Switzerland, 1977).

ICD-9-CM is a clinical modification of the World Health Organization's International Classification of Diseases, 9th Revision (ICD-9). The term "clinical" is used to emphasize the modification's intent: to serve as a useful tool in the area of classification of morbidity data for indexing of medical records, medical care review, and ambulatory and other medical care programs, as well as for basic health statistics. To describe the clinical picture of the patient, the codes must be more precise than those needed only for statistical groupings and trend analysis..

#### THE ICD-9-CM COORDINATION AND MAINTENANCE COMMITTEE

Annual modifications are made to the ICD-9-CM through the ICD-9-CM Coordination and Maintenance Committee (C&M). The Committee is made up of representatives from two Federal Government agencies, the National Center for Health Statistics and the Centers for Medicare & Medicaid Services. The Committee holds meetings twice a year which are open to the public. Modification proposals submitted to the Committee for consideration are presented at the meetings for public discussion. Those modification proposals which are approved are incorporated into the official government version of the ICD-9-CM and become effective for use the October 1 of the year following their presentation. This CD-ROM contains the modifications approved from the March 2008 - March 2009 C&M cycle.

This CD-ROM is the only official federal government version of the ICD-9-CM. It may be purchased through the Government Printing Office.

#### CONVENTIONS USED IN THE TABULAR LIST

The ICD-9-CM Tabular List for both the Disease and Procedure Classification makes use of certain abbreviations, punctuation, and other conventions which need to be clearly understood.

#### Abbreviations

NEC Not elsewhere classifiable. The category number for the term including NEC is to be used only when the coder lacks the information necessary to code the term to a more specific category.

**NOS** Not otherwise specified. This abbreviation is the equivalent of "unspecified."

#### **Punctuation**

[ ] Brackets are used to enclose synonyms, alternative wordings, or explanatory phrases.

- () Parentheses are used to enclose supplementary words which may be present or absent in the statement of a disease or procedure without affecting the code number to which it is assigned.
- : Colons are used in the Tabular List after an incomplete term which needs one or more of the modifiers which follow in order to make it assignable to a given category.

#### **OTHER CONVENTIONS**

Format: ICD-9-CM uses an indented format for ease in reference.

#### **Instructional Notations**

#### Includes:

This note appears immediately under a three-digit code title to further define, or give example of, the contents of the category.

#### Excludes:

Terms following the word "excludes" are to be coded elsewhere. The term excludes means "DO NOT CODE HERE".

#### Use additional code

This instruction is placed in the Tabular List in those categories where the user will need to add further information (by using an additional code) to give a more complete picture of the diagnosis or procedure.

#### **GUIDANCE IN THE USE OF ICD-9-CM**

To code accurately, it is necessary to have a working knowledge of medical terminology and to understand the characteristics, terminology, and conventions of the ICD-9-CM. Transforming verbal descriptions of diseases, injuries, conditions, and procedures into numerical designations (coding) is a complex activity and should not be undertaken without proper training.

Originally coding was accomplished to provide access to medical records by diagnoses and operations through retrieval for medical research, education, and administration. Medical codes today are utilized to facilitate payment of health services, to evaluate utilization patterns, and to study the appropriateness of health care costs. Coding provides the bases for epidemiological studies and research into the quality of health care.

Coding must be performed correctly and consistently to produce meaningful statistics to aid in the planning for the health needs of the Nation.

#### **OUESTIONS**

Questions regarding the use and interpretation of the International Classification of Diseases, 9th Revision, Clinical Modification can be directed to any of the organizations listed below.

#### Central Office on ICD-9-CM

American Hospital Association 1 North Franklin Chicago, Illinois 60606

#### National Center for Health Statistics

Centers for Disease Control and Prevention Department of Health and Human Services 3311 Toledo Road

Hyattsville, Maryland 20782

## Centers for Medicare & Medicaid Services Division of Prospective Payment System

Office of Hospital Policy 7500 Security Blvd., C5-06-27 Baltimore, Maryland 21244-1850

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**CLASSIFICATION OF PROCEDURES** 

#### 0. PROCEDURES AND INTERVENTIONS, NOT ELSEWHERE CLASSIFIED (00)

## 00 Procedures and interventions, Not Elsewhere Classified

## 00.0 Therapeutic ultrasound

Excludes: diagnostic ultrasound (non-invasive) (88.71-88.79)

intracardiac echocardiography [ICE] (heart chamber(s)) (37.28)

intravascular imaging (adjunctive) (00.21-00.29)

#### 00.01 Therapeutic ultrasound of vessels of head and neck

Anti-restenotic ultrasound

Intravascular non-ablative ultrasound

Excludes: diagnostic ultrasound of:

eye (95.13)

head and neck (88.71)

that of inner ear (20.79)

ultrasonic:

angioplasty of non-coronary vessel (39.50)

embolectomy <u>(38.</u>01, 38.02) endarterectomy <u>(38.11, 38.12)</u>

thrombectomy (38.01, 38.02)

#### 00.02 Therapeutic ultrasound of heart

Anti-restenotic ultrasound

Intravascular non-ablative ultrasound

Excludes: diagnostic ultrasound of heart (88.72)

ultrasonic ablation of heart lesion (37.34)

ultrasonic angioplasty of coronary vessels (00.66, 36.09)

#### 00.03 Therapeutic ultrasound of peripheral vascular vessels

Anti-restenotic ultrasound

Intravascular non-ablative ultrasound

Excludes: diagnostic ultrasound of peripheral vascular system (88.77)

ultrasonic angioplasty of:

non-coronary vessel (39.50)

#### 00.09 Other therapeutic ultrasound

Excludes: ultrasonic:

fragmentation of urinary stones (59.95)

percutaneous nephrostomy with fragmentation (55.04)

physical therapy (93.35)

transurethral guided laser induced prostatectomy

(TULIP) (60.21)

#### 00.1 Pharamaceuticals

## 00.10 Implantation of chemotherapeutic agent

Brain wafer chemotherapy Interstitial/intracavitary

Excludes: injection or infusion of cancer chemotherapeutic substance (99.25)

#### 00.11 Infusion of drotrecogin alfa (activated)

Infusion of recombinant protein





## 00.12 Administration of inhaled nitric oxide

Nitric oxide therapy

#### 00.13 Injection or infusion of nesiritide

Human B-type natriuretic peptide (hBNP)

#### 00.14 Injection or infusion of oxazolidinone class of antibiotics Linezolid injection

#### 00.15 High-dose infusion interleukin-2 [IL-2]

Infusion (IV bolus, CIV) interleukin

Injection of aldesleukin

Excludes: low-dose infusion interleukin-2 (99.28)

#### 00.16 Pressurized treatment of venous bypass graft [conduit] with pharmaceutical substance

Ex-vivo treatment of vessel

Hyperbaric pressurized graft [conduit]

#### 00.17 Infusion of vasopressor agent

#### 00.18 Infusion of immunosuppressive antibody therapy

Includes: during induction phase of solid organ transplantation monoclonal antibody therapy polyclonal antibody therapy

#### 00.19 Disruption of blood brain barrier via infusion [BBBD]

Infusion of substance to disrupt blood brain barrier

Code also chemotherapy (99.25)

Excludes: other perfusion (39.97)

#### 00.2 Intravascular imaging of blood vessels

Endovascular ultrasonography

Intravascular ultrasound (IVUS)

Intravascular [ultrasound] imaging of blood vessels

Virtual histology intravascular ultrasound [VH-IVUS]

Note: real-time imaging of lumen of blood vessel(s) using sound waves

Code also any synchronous diagnostic or therapeutic procedures

Excludes: therapeutic ultrasound (00.01-00.09)

adjunct vascular system procedures, number of vessels treated (00.40 - 00.43)

diagnostic procedures on blood vessels (38.21 - 38.29) diagnostic ultrasound of peripheral vascular system (88.77)

magnetic resonance imaging (MRI) (88.91-88.97)

intravascular imaging of vessel(s) by OCT (38.24-38.25)

#### 00.21 Intravascular imaging of extracranial cerebral vessels

Common carotid vessels and branches

Intravascular ultrasound (IVUS), extracranial cerebral vessels

Excludes: diagnostic ultrasound (non-invasive) of head and neck (88.71)

#### 00.22 Intravascular imaging of intrathoracic vessels

Aorta and aortic arch

Intravascular ultrasound (IVUS), intrathoracic vessels

Vena cava (superior) (inferior)

Excludes: diagnostic ultrasound (non-invasive) of other sites of thorax (88.73)

3 1.	OR procedure		Non	OR	procedure	but	affects	ThaiDRG
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#### 00.23 Intravascular imaging of peripheral vessels

Imaging of:

vessels of arm(s)

vessels of leg(s)

Intravascular ultrasound (IVUS), peripheral vessels

Excludes: diagnostic ultrasound (non-invasive) of peripheral vascular system (88.77)

#### 00.24 Intravascular imaging of coronary vessels

Intravascular ultrasound (IVUS), coronary vessels

Excludes: diagnostic ultrasound (non-invasive) of heart (88.72) intracardiac echocardiography [ICE] (ultrasound of heart chamber(s)) (37.28)

## 00.25 Intravascular imaging of renal vessels

Intravascular ultrasound (IVUS), renal vessels Renal artery

Excludes: diagnostic ultrasound (non-invasive) of urinary system (88.75)

- 00.28 Intravascular imaging, other specified vessel(s)
- 00.29 Intravascular imaging, unspecified vessel(s)

#### 00.3 Computer assisted surgery [CAS]

CT-free navigation

Image guided navigation (IGN)

Image guided surgery (IGS)

Imageless navigation

That without the use of robotic(s) technology

Code also diagnostic or therapeutic procedure

Excludes: stereotactic frame application only (93.59) robotic assisted procedures (17.41-17.49)

- 00.31 Computer assisted surgery with CT/CTA
- 00.32 Computer assisted surgery with MR/MRA
- 00.33 Computer assisted surgery with fluoroscopy
- 00.34 Imageless computer assisted surgery
- 00.35 Computer assisted surgery with multiple datasets
- 00.39 Other computer assisted surgery

Computer assisted surgery NOS

## 00.4 Adjunct Vascular System Procedures

Note: These codes can apply to both coronary and peripheral vessels. These codes are to be used in conjunction with other therapeutic procedure codes to provide additional information on the number of vessels upon which a procedure was performed and/or the number of stents inserted. As appropriate, code both the number of vessels operated on (00.40-00.43), and the number of stents inserted (00.45-00.48).

Code also anv:

angioplasty (00.61-00.62, 00.66, 39.50)

atherectomy (17.53-17.56)

endarterectomy (38.10 - 38.18)

insertion of vascular stent(s) (00.55, 00.63-00.65, 36.06 -36.07, 39.90) other removal of coronary artery obstruction (36.09)

00.40 Procedure on single vessel

Number of vessels, unspecified

Excludes: (aorto) coronary bypass (36.10 - 36.19)

intravascular imaging of blood vessels (00.21-00.29)

00.41 Procedure on two vessels

Excludes: (aorto) coronary bypass (36.10 - 36.19)

intravascular imaging of blood vessels (00.21-00.29)

00.42 Procedure on three vessels

Excludes: (aorto) coronary bypass (36.10 - 36.19)

intravascular imaging of blood vessels (00.21-00.29)

00.43 Procedure on four or more vessels

Excludes: (aorto) coronary bypass (36.10 - 36.19)

intravascular imaging of blood vessels (00.21-00.29)

00.44 Procedure on vessel bifurcation

Note: This code is to be used to identify the presence of a vessel bifurcation; it does not describe a specific bifurcation stent. Use this code only once per operative episode, irrespective of the number of bifurcations in vessels.

00.45 Insertion of one vascular stent

Number of stents, unspecified

00.46 Insertion of two vascular stents

00.47 Insertion of three vascular stents

00.48 Insertion of four or more vascular stents

00.49 SuperSaturated oxygen therapy

Aqueous oxygen (AO) therapy SSO2

SuperOxygenation infusion therapy

Code also anv:

injection or infusion of thrombolytic agent (99.10)

insertion of coronary artery stent(s) (36.06-36.07)

intracoronary artery thrombolytic infusion (36.04)

number of vascular stents inserted (00.45-00.48)

number of vessels treated (00.40-00.43)

open chest coronary artery angioplasty (36.03)

other removal of coronary obstruction (36.09)

percutaneous transluminal coronary angioplasty [PTCA] (00.66)

procedure on vessel bifurcation (00.44)

transluminal coronary atherectomy (17.55)

Excludes: other oxygen enrichment (93.96) other perfusion (39.97)

#### 00.5 Other cardiovascular procedures

#### 00.50 Implantation of cardiac resynchronization pacemaker without mention of defibrillation, total system [CRT-P]

Biventricular pacemaker

Biventricular pacing without internal cardiac defibrillator

BiV pacemaker

Implantation of cardiac resynchronization (biventricular) pulse generator pacing device, formation of pocket, transvenous leads including placement of lead into left ventricular coronary venous system, and intraoperative procedures for evaluation of lead signals.

That with CRT-P generator and one or more leads

Note: Device testing during procedure --omit code

Excludes: implantation of cardiac resynchronization defibrillator, total system [CRT-D] (00.51)

> insertion or replacement of any type pacemaker device (37.80-37.87)

> replacement of cardiac resynchronization defibrillator pulse generator only [CRT-D] (00.54)

replacement of cardiac resynchronization pacemaker pulse generator only [CRT-P] (00.53)

#### 00.51 Implantation of cardiac resynchronization defibrillator, total svstem [CRT-D]

BiV defibrillator

Biventricular defibrillator

Biventricular pacing with internal cardiac defibrillator

**BiV ICD** 

BiV pacemaker with defibrillator

BiV pacing with defibrillator

Implantation of a cardiac resynchronization (biventricular) pulse generator with defibrillator [AICD], formation of pocket, transvenous leads, including placement of lead into left ventricular coronary venous system, intraoperative procedures for evaluation of lead signals, and obtaining defibrillator threshold measurements.

That with CRT-D generator and one or more leads

Note: Device testing during procedure --omit code

Excludes: implantation of cardiac resynchronization pacemaker, total system [CRT-P] (00.50)

> implantation or replacement of automatic cardioverter/defibrillator, total system [AICD] (37.94)

replacement of cardiac resynchronization defibrillator pulse generator, only [CRT-D] (00.54)

00.52 Implantation or replacement of transvenous lead [electrode]

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into left ventricular coronary venous system
        Excludes: implantation of cardiac resynchronization
                     defibrillator, total system [CRT-D] (00.51)
                   implantation of cardiac resynchronization
                     pacemaker, total system [CRT-P] (00.50)
                   initial insertion of transvenous lead [electrode]
                     (37.70-37.72)
                   replacement of transvenous atrial and/or ventricular
                     lead(s) [electrodes] (37.76)
00.53 Implantation or replacement of cardiac resynchronization
       pacemaker pulse generator only [CRT-P]
        Implantation of CRT-P device with removal of any existing CRT-P or
              other pacemaker device
       Note: Device testing during procedure --omit code
       Excludes: implantation of cardiac resynchronization
                  pacemaker, total system [CRT-P] (00.50)
                implantation or replacement of cardiac resynchronization
                  defibrillator pulse generator only [CRT-D] (00.54)
                insertion or replacement of any type pacemaker device
                  (37.80-37.87)
00.54 Implantation or replacement of cardiac resynchronization
       defibrillator pulse generator device only [CRT-D]
        Implantation of CRT-D device with removal of any existing CRT-D.
          CRT-P, pacemaker, or defibrillator device
       Note: Device testing during procedure --omit code
       Excludes: implantation of automatic cardioverter/defibrillator pulse
                  aenerator only (37.96)
                 implantation of cardiac resynchronization defibrillator,
                   total system [CRT-D] (00.51)
                implantation or replacement of cardiac resynchronization
                  pacemaker pulse generator only [CRT-P] (00.53)
00.55 Insertion of drug-eluting stent(s) of other peripheral vessel(s) ®
        Endograft(s)
        Endovascular graft(s)
        Stent grafts
       Code also any:
          angioplasty of other non-coronary vessels(s) (39.50)
          atherectomy of other non-coronary vessels(s) (17.56)
          number of vascular stents inserted (00.45 - 00.48)
          number of vessels treated (00.40 - 00.43)
          procedure on vessel bifurcation (00.44)
       Excludes: drug-coated peripheral stents, e.g., heparin coated (39.90)
                insertion of cerebrovascular stent(s) (00.63-00.65)
                insertion of drug-eluting coronary artery stent (36.07)
                insertion of drug-eluting stent(s) of superficial femoral artery
                   (00.60)
                insertion of non-drug-eluting stent(s):
                coronary artery (36.06)
                peripheral vessel (39.90)
                that for other endovascular procedure (39.71 - 39.79)
      OR procedure Non OR procedure but affects ThaiDRG
```

## 00.56 Insertion or replacement of implantable pressure sensor with lead for intracardiac or great vessel hemodynamic monitoring ®

Note: The sensor is physically connected by a lead to a separately implanted monitor.

Code also any associated implantation or replacement of subcutaneous monitor (00.57)

Excludes: circulatory monitoring (blood gas, arterial or venous pressure, cardiac output and coronary blood flow) (89.60 - 89.69)

> insertion of implantable pressure sensor without lead for intracardiac or great vessel hemodynamic monitoring (38.26)

#### 00.57 Implantation or replacement of subcutaneous device for intracardiac or great vessel hemodynamic monitoring

Implantation of monitoring device with formation of subcutaneous pocket and connection to intracardiac pressure sensor via lead

Code also any associated insertion or replacement of implanted pressure sensor with lead (00.56)

## 00.58 Insertion of intra-aneurysm sac pressure monitoring device (intraoperative)

Insertion of pressure sensor during endovascular repair of abdominal or thoracic aortic aneurysm(s)

#### 00.59 Intravascular pressure measurement of coronary arteries

Includes: fractional flow reserve (FFR)

Code also any synchronous diagnostic or therapeutic procedures

Excludes: intravascular pressure measurement of intrathoracic arteries (00.67)

#### 00.6 Procedures on blood vessels

#### 00.60 Insertion of drug-eluting stent(s) of superficial femoral artery Code also anv:

angioplasty of other non-coronary vessel(s) (39.50)

atherectomy of other non-coronary vessel(s) (17.56)

non-drug-eluting peripheral stents (39.90)

number of vascular stents inserted (00.45-00.48)

number of vessels treated (00.40-00.43)

procedure on vessel bifurcation (00.44)

Excludes: insertion of drug-eluting stent(s) of other peripheral vessel

that for other endovascular procedure (39.71-39.79)

## 00.61 Percutaneous angioplasty of extracranial vessel(s) ®

Carotid

Vertebral

Code also anv:

injection or infusion of thrombolytic agent (99.10) percutaneous atherectomy of extracranial vessel(s) (17.53) percutaneous insertion of carotid artery stent(s) (00.63)

```
percutaneous insertion of other extracanial artery stent(s) (00.64)
           number of vascular stents inserted (00.45 - 00.48)
           number of vessels treated (00.40 - 00.43)
           procedure on vessel bifurcation (00.44)
       Excludes: angioplasty of other non-coronary vessel(s) (39.50)
                 atherectomy of other non-coronary vessel(s) (17.56)
                 removal of cerebrovascular obstruction of vessel(s) by open
                   approach (38.01-38.02, 38.11-38.12, 38.31-38.32,
                   38.41-38.42)
00.62 Percutaneous angioplasty of intracranial vessel(s) ®
        Basilar artery
        Intracanial portion of vertebral artery
        Code also anv:
            injection or infusion of thrombolytic agent (99.10)
            percutaneous atherectomy of intracranial vessel(s) (17.54)
            percutaneous insertion of intracranial stent(s) (00.65)
            number of vascular stents inserted (00.45 - 00.48)
            number of vessels treated (00.40 - 00.43)
            procedure on vessel bifurcation (00.44)
       Excludes: angioplasty of other non-coronary vessel(s) (39.50)
                atherectomy of other non-coronary vessel(s) (17.56)
                removal of cerebrovascular obstruction of vessel(s) by open
                   approach (38.01-38.02, 38.11-38.12, 38.31-38.32,
                   38.41-38.42)
00.63 Percutaneous insertion of carotid artery stent(s)
       Includes the use of any embolic protection device, distal protection
         device, filter device, or stent delivery system
        Non-drug-eluting stent
       Code also anv:
          number of vascular stents inserted (00.45 - 00.48)
          number of vessels treated (00.40 - 00.43)
          percutaneous angioplasty of extracanial vessel(s) (00.61)
          percutaneous atherectomy of extracranial vessel(s) (17.53)
          procedure on vessel bifurcation (00.44)
      Excludes: anaioplasty of other non-coronary vessel(s) (39.50)
                  atherectomy of other non-coronary vessel(s) (17.56)
                  insertion of coil-retention or embolization stent (39.72)
                 insertion of drug-eluting peripheral vessel stent(s) (00.55)
00.64 Percutaneous insertion of other extracranial artery stent(s) ®
      Includes the use of any embolic protection device, distal protection
         device, filter device, or stent delivery system
          Vertebral stent
            Code also anv:
         number of vascular stents inserted (00.45 - 00.48)
         number of vessels treated (00.40 - 00.43)
         percutaneous angioplasty of extracranial vessel(s) (00.61)
         percutaneous atherectomy of extracranial vessel(s) (17.53)
          procedure on vessel bifurcation (00.44)
```

Excludes: angioplasty or atherectomy of other non-coronary vessel(s) (39.50)atherectomy of other non-coronary vessel(s) (17.56) insertion of coil-retention or embolization stent (39.72) insertion of drug-eluting peripheral vessel stent(s) (00.55) 00.65 Percutaneous insertion of intracranial vascular stent(s) Includes the use of any embolic protection device, distal protection device, filter device, or stent delivery system Basilar stent Code also anv: number of vascular stents inserted (00.45 - 00.48) number of vessels treated (00.40 - 00.43) percutaneous angioplasty intracranial vessel(s) (00.62) percutaneous atherectomy of intracranial vessel(s) (17.54) procedure on vessel bifurcation (00.44) Excludes: angioplasty of other non-coronary vessel(s) (39.50) atherectomy of other non-coronary vessel(s) (17.56) insertion of coil-retention or embolization stent (39.72 insertion of drug-eluting peripheral vessel stent(s) (00.55) 00.66 Percutaneous transluminal coronary angioplasty [PTCA] ® Balloon angioplasty of coronary artery Percutaneous coronary angioplasty NOS PTCA NOS Code also anv: injection or infusion of thrombolytic agent (99.10) insertion of coronary artery stent(s) (36.06-36.07) intracoronary artery thrombolytic infusion (36.04) number of vascular stents inserted (00.45 - 00.48) number of vessels treated (00.40 - 00.43) procedure on vessel bifurcation (00.44) SuperSaturated oxygen therapy (00.49)transluminal coronary atherectomy (17.55) 00.67 Intravascular pressure measurement of intrathoracic arteries Assessment of aorta and aortic arch carotid Code also any synchronous diagnostic or therapeutic procedures 00.68 Intravascular pressure measurement of peripheral arteries Assessment of: other peripheral vessels vessels of arm(s) vessels of leg(s) Code also any synchronous diagnostic or therapeutic procedures 00.69 Intravascular pressure measurement, other specified and unspecified vessels Assessment of: iliac vessels intra-abdominal vessels mesenteric vessels renal vessels

Code also any synchronous diagnostic or therapeutic procedures

Excludes: intravascular pressure measurement of: coronary arteries (00.59) intrathoracic arteries (00.67) peripheral arteries (00.68)

00.7 Other hip procedures

```
00.70 Revision of hip replacement, both acetabular and femoral
            components
             Total hip revision
            Code also any:
              removal of (cement) (joint) spacer (84.57)
              type of bearing surface, if known (00.74 - 00.77)
            Excludes:
              revision of hip replacement, acetabular component only (00.71)
              revision of hip replacement, femoral component only (00.72)
              revision of hip replacement. Not Otherwise Specified (81.53)
              revision with replacement of acetabular liner and/or femoral head
                 only (00.73)
     00.71 Revision of hip replacement, acetabular component
             Partial, acetabular component only
            That with:
              exchange of acetabular cup and liner
              exchange of femoral head
            Code also any type of bearing surface, if known (00.74 - 00.77)
            Excludes:
              revision of hip replacement, both acetabular and femoral components
                 (00.70)
              revision of hip replacement, femoral component (00.72)
              revision of hip replacement, Not Otherwise Specified (81.53)
              revision with replacement of acetabular liner and/or femoral head
                 only (00.73)
     00.72 Revision of hip replacement, femoral component
             Partial, femoral component only
            That with:
              exchange of acetabular liner
              exchange of femoral stem and head
            Code also any type of bearing surface, if known (00.74 - 00.77)
            Excludes:
              revision of hip replacement, acetabular component (00.71)
              revision of hip replacement, both acetabular and femoral components
                 (00.70)
              revision of hip replacement, not otherwise specified (81.53)
              revision with replacement of acetabular liner and/or femoral head
                 only (00.73)
     00.73 Revision of hip replacement, acetabular liner and/or femoral head
            only
              Code also any type of bearing surface, if known (00.74 - 00.77)
     00.74 Hip bearing surface, metal on polyethylene
     00.75 Hip bearing surface, metal-on-metal
16
           1 OR procedure
                                 Non OR procedure but affects ThaiDRG
```

00.76	Hip bearing surface, ceramic-on-ceramic
00.77	Hip bearing surface, ceramic-on-polyethylene
	Hip bearing surface, oxidized zirconium-on-polyethylene
00.8 Othe	er knee and hip procedures
Note:	Report up to two components using $00.81 - 00.83$ to describe revision of knee replacements. If all three components are revised, report $00.80$ .
00.80	Revision of knee replacement, total (all components) Replacement of femoral, tibial, and patellar components (all components) Code also any removal of (cement) (joint) spacer (84.57)
	Excludes: revision of only one or two components (tibial, femoral or patellar component) $(00.81 - 00.84)$
00.81	Revision of knee replacement, tibial component Replacement of tibial baseplate and tibial insert (liner)
	Excludes: revision of knee replacement, total (all components) (00.80)
00.82	Revision of knee replacement, femoral component That with replacement of tibial insert (liner)
	Excludes: revision of knee replacement, total (all components) (00.80)
00.83	Revision of knee replacement, patellar component
	Excludes: revision of knee replacement, total (all components) (00.80)
00.84	Revision of total knee replacement, tibial insert (liner) Replacement of tibial insert (liner)
	Excludes: that with replacement of tibial component (tibial baseplate and liner) (00.81)
00.85	Resurfacing hip, total, acetabulum and femoral head Hip resurfacing arthroplasty, total
00.86	Resurfacing hip, partial, femoral head Hip resurfacing arthroplasty, NOS Hip resurfacing arthroplasty, partial, femoral head
	Excludes: that with resurfacing of acetabulum (00.85)
00.87	Resurfacing hip, partial, acetabulum  Hip resurfacing arthroplasty, partial, acetabulum
	Excludes: that with resurfacing of femoral head (00.85)
00.9 Othe	er procedures and interventions
00.91	Transplant from live related donor Code also organ transplant procedure
00.92	Transplant from live non-related donor Code also organ transplant procedure
00.93	Transplant from cadaver Code also organ transplant procedure
00.94	Intra-operative neurophysiologic monitoring That by: brainstem auditory evoked potentials [BAEP]

#### ICD-9-CM TABULAR LIST OF PROCEDURES (FY 15)

electroencephalogram [EEG] electromyogram [EMG] motor evoked potentials [MEP] nerve conduction study somatosensory evoked potentials [SSEP] transcranial Doppler

Includes: Cranial nerve, peripheral nerve and spinal cord testing performed intra-operatively Intra-operative neurophysiologic testing IOM Nerve monitoring

Excludes: brain temperature monitoring (01.17) intracranial oxygen monitoring (01.16) intracranial pressure monitoring (01.10) plethysmogram (89.58)

Neuromonitoring

00.95 Injection or infusion of glucarpidase 🗱 00.96 Infusion of 4-Factor Prothrombin Complex Concentrate ## Infusion of 4F-PCC

> Excludes: transfusion of coagulation factors (99.06) transfusion of Factor IX complex (99.06)

#### 1. OPERATIONS ON THE NERVOUS SYSTEM (01-05)

## 01 Incision and excision of skull, brain, and cerebral meninges

## 01.0 Cranial puncture

#### 01.01 Cisternal puncture

Cisternal tap

Excludes: pneumocisternogram (87.02)

01.02 Ventriculopuncture through previously implanted catheter Puncture of ventricular shunt tubing

## 01.09 Other cranial puncture

Aspiration of: subarachnoid space subdural space Cranial aspiration NOS Puncture of anterior fontanel Subdural tap (through fontanel)

## 01.1 Diagnostic procedures on skull, brain, and cerebral meninges

#### 01.10 Intracranial pressure monitoring

Includes: insertion of catheter or probe for monitoring

- 01.11 Closed [percutaneous] [needle] biopsy of cerebral meninges Burr hole approach
- 01.12 Open biopsy of cerebral meninges
- 01.13 Closed [percutaneous] [needle] biopsy of brain Burr hole approach Stereotactic method
- 01.14 Open biopsy of brain
- 01.15 Biopsy of skull

#### 01.16 Intracranial oxygen monitoring

Includes: insertion of catheter or probe for monitoring Partial pressure of brain oxygen (PbtO2)

#### 01.17 Brain temperature monitoring

Includes: insertion of catheter or probe for monitoring

#### 01.18 Other diagnostic procedures on brain and cerebral meninges

```
Excludes: cerebral:
           arteriography (88.41)
           thermography (88.81)
         contrast radiogram of brain (87.01-87.02)
         echoencephalogram (88.71)
         electroencephalogram (89.14)
         microscopic examination of specimen from nervous system and
           of spinal fluid (90.01-90.09)
         neurologic examination (89.13)
         phlebography of head and neck (88.61)
         pneumoencephalogram (87.01)
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radioisotope scan:
                        cerebral (92.11)
                        head NEC (92.12)
                     tomography of head:
                        C.A.T. scan (87.03)
                        other (87.04)
                      brain temperature monitoring (01.17)
                      intracranial oxygen monitoring (01.16)
                      intracranial pressure monitoring (01.10)
     01.19 Other diagnostic procedures on skull
            Excludes: transillumination of skull (89.16)
                       x-ray of skull (87.17)
01.2 Craniotomy and craniectomy
     Excludes: decompression of skull fracture (02.02)
                exploration of orbit (16.01-16.09)
                that as operative approach --omit code
      01.20 Cranial implantation or replacement of neurostimulator pulse
            generator 🗱
             Code also any associated lead implantation (02.93)
            Excludes: implantation or replacement of subcutaneous
                      neurostimulator pulse generator (86.94 -86.98)
     01.21 Incision and drainage of cranial sinus
     01.22 Removal of intracranial neurostimulator lead(s)
            Code also any removal of neurostimulator pulse generator (86.05)
            Excludes: removal with synchronous replacement (02.93)
     01.23 Reopening of craniotomy site
     01.24 Other craniotomy
              Cranial:
                 decompression
                 exploration
                 trephination
              Craniotomy NOS
              Craniotomy with removal of:
                 epidural abscess
                 extradural hematoma
                 foreign body of skull
            Excludes: removal of foreign body with incision into brain (01.39)
     01.25 Other craniectomy
              Debridement of skull NOS
              Sequestrectomy of skull
            Excludes: debridement of compound fracture of skull (02.02)
                     strip craniectomy (02.01)
     01.26 Insertion of catheter(s) into cranial cavity or tissue
            Code also any concomitant procedure (e.g. resection (01.59))
            Excludes: placement of intracerebral catheter(s) via burr hole(s) (01.28)
     01.27 Removal of catheter(s) from cranial cavity or tissue
```

Non OR procedure but affects ThaiDRG

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OR procedure

#### 01.28 Placement of intracerebral catheter(s) via burr hole(s)

Convection enhanced delivery

Stereotactic placement of intracerebral catheter(s)

Code also infusion of medication

Excludes: insertion of catheter(s) into cranial cavity or tissue(s) (01.26)

01.29 Removal of cranial neurostimulator pulse generator 🗱

## 01.3 Incision of brain and cerebral meninges

#### 01.31 Incision of cerebral meninges

Drainage of:

intracranial hygroma

subarachnoid abscess (cerebral)

subdural empyema

#### 01.32 Lobotomy and tractotomy

Division of:

brain tissue

cerebral tracts

Percutaneous (radiofrequency) cinqulotomy

#### 01.39 Other incision of brain

Amygdalohippocampotomy

Drainage of intracerebral hematoma

Incision of brain NOS

Excludes: division of cortical adhesions (02.91)

#### 01.4 Operations on thalamus and globus pallidus

#### 01.41 Operations on thalamus

Chemothalamectomy

Thalamotomy

Excludes: that by stereotactic radiosurgery (92.30 - 92.39)

#### 01.42 Operations on globus pallidus

Pallidoansectomy Pallidotomy

Excludes: that by stereotactic radiosurgery (92.30 - 92.39)

### 01.5 Other excision or destruction of brain and meninges

#### 01.51 Excision of lesion or tissue of cerebral meninges

Decortication of (cerebral) meninges

Resection of (cerebral) meninges

Stripping of subdural membrane of (cerebral) meninges

Excludes: biopsy of cerebral meninges (01.11-01.12)

#### 01.52 Hemispherectomy

#### 01.53 Lobectomy of brain

#### 01.59 Other excision or destruction of lesion or tissue of brain

Amyadalohippocampectomy

Curettage of brain

Debridement of brain

Marsupialization of brain cyst

that by stereotactic radiosurgery (92.30 - 92.39)

Transtemporal (mastoid) excision of brain tumor

Excludes: biopsy of brain (01.13-01.14)

		laser interstitial thermal therapy [LITT] of lesion or tissue of brain under guidance ( <u>17.61</u> )
01.6	Rer	tion of lesion of skull moval of granulation tissue of cranium les: biopsy of skull (01.15) sequestrectomy (01.25)
02	Othe	r operations on skull, brain, and cerebral meninges
02.0		ioplasty es: that with synchronous repair of encephalocele (02.12)
	02.01	Opening of cranial suture Linear craniectomy Strip craniectomy
	02.02	Elevation of skull fracture fragments Debridement of compound fracture of skull Decompression of skull fracture Reduction of skull fracture Code also any synchronous debridement of brain (01.59)
		Excludes: debridement of skull NOS (01.25) removal of granulation tissue of cranium (01.6)
	02.03	Formation of cranial bone flap Repair of skull with flap
	02.04	Bone graft to skull Pericranial graft (autogenous) (heterogenous)
	02.05	Insertion of skull plate Replacement of skull plate
	02.06	Other cranial osteoplasty Repair of skull NOS Revision of bone flap of skull
	02.07	Removal of skull plate  Excludes: removal with synchronous replacement (02.05)
02.1		ir of cerebral meninges es: marsupialization of cerebral lesion (01.59)
	02.11	Simple suture of dura mater of brain
	02.12	Other repair of cerebral meninges Closure of fistula of cerebrospinal fluid Dural graft Repair of encephalocele including synchronous cranioplasty Repair of meninges NOS Subdural patch
	02.13	Ligation of meningeal vessel Ligation of: longitudinal sinus middle meningeal artery
22	1 .1	OR procedure Non OR procedure but affects ThaiDRG

#### 02.14 Choroid plexectomy

Cauterization of choroid plexus

#### 02.2 Ventriculostomy ®

#### 02.21 Insertion or replacement of external ventricular drain [EVD] 📽

External ventricular drainage [EVD] setup

Replacement of external ventricular drain

Ventricular catheter placement for:

drainage of cerebrospinal fluid [CSF]

injection of medication or other substance

sampling of cerebrospinal fluid [CSF]

Excludes: extracranial ventricular shunt (02.31-02.35, 02.39)

intracranial ventricular shunt (02.22)

other cranial puncture (01.09)

ventricular shunt replacement (02.41-02.43)

#### 02.22 Intracranial ventricular shunt or anastomosis 🗱

Anastomosis of ventricle to:

cervical subarachnoid space

cistern magna Insertion of Holter valve into intracranial system

Shunt between two intracranial ventricles

That by endoscopy

Third ventriculostomy

Ventriculocisternostomy

#### 02.3 Extracranial ventricular shunt

Includes: that with insertion of valve

#### 02.31 Ventricular shunt to structure in head and neck

Ventricle to nasopharynx shunt Ventriculomastoid anastomosis

#### 02.32 Ventricular shunt to circulatory system

Ventriculoatrial anastomosis Ventriculocaval shunt

## 02.33 Ventricular shunt to thoracic cavity

Ventriculopleural anastomosis

#### 02.34 Ventricular shunt to abdominal cavity and organs

Ventriculocholecystostomy Ventriculoperitoneostomy

#### 02.35 Ventricular shunt to urinary system

Ventricle to ureter shunt

#### 02.39 Ventricular shunt to extracranial site NEC ®

Ventricle to bone marrow shunt

#### 02.4 Revision, removal, and irrigation of ventricular shunt

Excludes: revision of distal catheter of ventricular shunt (54.95)

#### 02.41 Irrigation and exploration of ventricular shunt

Exploration of ventriculoperitoneal shunt at ventricular site Re-programming of ventriculoperitoneal shunt

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02.42 Replacement of ventricular shunt
              Reinsertion of Holter valve
              Revision of ventriculoperitoneal shunt at ventricular site
     02.43 Removal of ventricular shunt
02.9 Other operations on skull, brain, and cerebral meninges
     Excludes: operations on:
                pineal gland (07.17, 07.51-07.59)
                pituitary gland [hypophysis] (07.13-07.15, 07.61-07.79)
     02.91 Lysis of cortical adhesions
     02.92 Repair of brain
     02.93 Implantation or replacement of intracranial neurostimulator lead(s)
             Implantation, insertion, placement, or replacement of intracranial:
               brain pacemaker [neuropacemaker]
               depth electrodes
               epidural pegs
               electroencephalographic receiver
               foramen ovale electrodes
               intracranial electrostimulator
               subdural grids
               subdural strips
            Code also any:
               insertion of cranial implantation or replacement of
                 neurostimulator pulse generator (01.20)
               insertion of subcutaneous neurostimulator pulse generator
                     (86.94-86.98)
     02.94 Insertion or replacement of skull tongs or halo traction device
     02.95 Removal of skull tongs or halo traction device
     02.96 Insertion of sphenoidal electrodes
     02.99 Other
            Excludes: chemical shock therapy (94.24)
                     electroshock therapy:
                       subconvulsive (94.26)
                       other (94.27)
03 Operations on spinal cord and spinal canal structures
     Code also any application or administration of an adhesion barrier substance
       (99.77)
03.0 Exploration and decompression of spinal canal structures
     03.01 Removal of foreign body from spinal canal
     03.02 Reopening of laminectomy site
     03.09 Other exploration and decompression of spinal canal ®
             Decompression:
                laminectomy
                laminotomy
              Expansile laminoplasty
              Exploration of spinal nerve root
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OR procedure Non OR procedure but affects ThaiDRG

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#### Foraminotomy

Code also any synchronous insertion, replacement and revision of posterior spinal motion preservation device(s), if performed (84.80 - 84.85)

Excludes: drainage of spinal fluid by anastomosis (03.71-03.79) laminectomy with excision of intervertebral disc (80.51) spinal tap (03.31)that as operative approach -- omit code

## 03.1 Division of intraspinal nerve root

Rhizotomy

## 03.2 Chordotomy

#### 03.21 Percutaneous chordotomy Stereotactic chordotomy

### 03.29 Other chordotomy

Chordotomy NOS Tractotomy (one-stage) (two-stage) of spinal cord Transection of spinal cord tracts

## 03.3 Diagnostic procedures on spinal cord and spinal canal structures

03.31 Spinal tap

Lumbar puncture for removal of dye

Excludes: lumbar puncture for injection of dye [myelogram] (87.21)

03.32 Biopsy of spinal cord or spinal meninges

#### 03.39 Other diagnostic procedures on spinal cord and spinal canal structures

Excludes: microscopic examination of specimen from nervous system or of spinal fluid (90.01-90.09) x-ray of spine (87.21-87.29)

## 03.4 Excision or destruction of lesion of spinal cord or spinal meninges

Curettage of spinal cord or spinal meninges Debridement of spinal cord or spinal meninges Marsupialization of cyst of spinal cord or spinal meninges Resection of spinal cord or spinal meninges

Excludes: biopsy of spinal cord or meninges (03.32)

## 03.5 Plastic operations on spinal cord structures

#### 03.51 Repair of spinal meningocele Repair of meningocele NOS

## 03.52 Repair of spinal myelomeningocele

## 03.53 Repair of vertebral fracture ®

Elevation of spinal bone fragments Reduction of fracture of vertebrae Removal of bony spicules from spinal canal

Excludes: percutaneous vertebral auamentation (81.66) Percutaneous vertebroplasty (81.65)

## 03.59 Other repair and plastic operations on spinal cord structures Repair of: diastematomyelia spina bifida NOS spinal cord NOS spinal meninges NOS vertebral arch defect 03.6 Lysis of adhesions of spinal cord and nerve roots 03.7 Shunt of spinal theca Includes: that with valve 03.71 Spinal subarachnoid-peritoneal shunt 03.72 Spinal subarachnoid-ureteral shunt 03.79 Other shunt of spinal theca Lumbar-subarachnoid shunt NOS Pleurothecal anastomosis Salpingothecal anastomosis 03.8 Injection of destructive agent into spinal canal 03.9 Other operations on spinal cord and spinal canal structures 03.90 Insertion of catheter into spinal canal for infusion of therapeutic or palliative substances Insertion of catheter into epidural, subarachnoid, or subdural space of spine with intermittent or continuous infusion of drug (with creation of any reservoir) Code also any implantation of infusion pump (86.06) 03.91 Injection of anesthetic into spinal canal for analgesia Excludes: that for operative anesthesia --omit code 03.92 Injection of other agent into spinal canal Intrathecal injection of steroid Subarachnoid perfusion of refrigerated saline **Excludes**: injection of: contrast material for myelogram (87.21) destructive agent into spinal canal (03.8) 03.93 Implantation or replacement of spinal neurostimulator lead(s) Code also any insertion of neurostimulator pulse generator (86.94-86.98) 03.94 Removal of spinal neurostimulator lead(s) Code also any removal of neurostimulator pulse generator (86.05) 03.95 Spinal blood patch 03.96 Percutaneous denervation of facet 03.97 Revision of spinal thecal shunt

03.99 Other

03.98 Removal of spinal thecal shunt

## 04 Operations on cranial and peripheral nerves

## 04.0 Incision, division, and excision of cranial and peripheral nerves

Excludes: opticociliary neurectomy (12.79)

sympathetic aanalionectomy (05.21-05.29)

04.01 Excision of acoustic neuroma

That by craniotomy

Excludes: that by stereotactic radiosurgery (92.30 - 92.39)

04.02 Division of trigeminal nerve

Retrogasserian neurotomy

04.03 Division or crushing of other cranial and peripheral nerves

Excludes: that of:

glossopharyngeal nerve (29.92) *larvnaeal nerve* (31.91)

nerves to adrenal glands (07.42)

phrenic nerve for collapse of lung (33.31)

vagus nerve (44.00-44.03)

- 04.04 Other incision of cranial and peripheral nerves
- 04.05 Gasserian ganglionectomy
- 04.06 Other cranial or peripheral ganglionectomy

Excludes: sympathetic agnalionectomy (05.21-05.29)

04.07 Other excision or avulsion of cranial and peripheral nerves

Curettage of peripheral nerve

Debridement of peripheral nerve

Resection of peripheral nerve

Excision of peripheral neuroma [Morton's]

Excludes: biopsy of cranial or peripheral nerve (04.11-04.12)

#### 04.1 Diagnostic procedures on peripheral nervous system

- 04.11 Closed [percutaneous] [needle] biopsy of cranial or peripheral nerve or ganglion
- 04.12 Open biopsy of cranial or peripheral nerve or ganglion
- 04.19 Other diagnostic procedures on cranial and peripheral nerves and ganglia

Excludes: microscopic examination of specimen from nervous system (90.01-90.09)

neurologic examination (89.13)

## 04.2 Destruction of cranial and peripheral nerves

Destruction of cranial or peripheral nerves by:

cryoanalgesia

injection of neurolytic agent

radiofrequency

Radiofrequency ablation

#### 04.3 Suture of cranial and peripheral nerves

#### 04.4 Lysis of adhesions and decompression of cranial and peripheral nerves



	04.41	Decompression of trigeminal nerve root
	04.42	Other cranial nerve decompression
	04.43	Release of carpal tunnel
	04.44	Release of tarsal tunnel
	04.49	Other peripheral nerve or ganglion decompression or lysis of adhesions
		Peripheral nerve neurolysis NOS
04.5	Crani	ial or peripheral nerve graft
04.6		sposition of cranial and peripheral nerves rve transplantation
04.7	Othe	r cranial or peripheral neuroplasty
	04.71	Hypoglossal-facial anastomosis
	04.72	Accessory-facial anastomosis
	04.73	Accessory-hypoglossal anastomosis
	04.74	Other anastomosis of cranial or peripheral nerve
	04.75	Revision of previous repair of cranial and peripheral nerves
	04.76	Repair of old traumatic injury of cranial and peripheral nerves
	04.79	Other neuroplasty
04.8	Iniec	tion into peripheral nerve
00	-	es: destruction of nerve (by injection of neurolytic agent) (04.2)
		Peripheral nerve injection, not otherwise specified
		Injection of anesthetic into peripheral nerve for analgesia
	0	Excludes: that for operative anesthesiaomit code
	04 89	Injection of other agent, except neurolytic
	0 1.05	Excludes: injection of neurolytic agent (04.2)
	0.1	
04.9		r operations on cranial and peripheral nerves
	-	Neurectasis
	04.92	Implantation or replacement of peripheral neurostimulator lead(s) Code also any insertion of neurostimulator pulse generator (86.94-86.98)
		Excludes: implantation or replacement of carotid sinus stimulation lead(s) (39.82)
		Removal of peripheral neurostimulator lead(s) Code also any removal of neurostimulator pulse generator (86.05)
	04.99	Other
05	_	ations on sympathetic nerves or ganglia  des: paracervical uterine denervation (69.3)
05.0	Divis	ion of sympathetic nerve or ganglion
		des: that of nerves to adrenal glands (07.42)
	LACIU	TOTAL OF HOLFOO CO WAI CHAIN GIARRAS (OT. 12)
28	1 .1	OR procedure Non OR procedure but affects ThaiDRG

- 05.1 Diagnostic procedures on sympathetic nerves or ganglia
  - 05.11 Biopsy of sympathetic nerve or ganglion
  - 05.19 Other diagnostic procedures on sympathetic nerves or ganglia
- 05.2 Sympathectomy
  - 05.21 Sphenopalatine ganglionectomy
  - 05.22 Cervical sympathectomy
  - 05.23 Lumbar sympathectomy
  - 05.24 Presacral sympathectomy
  - 05.25 Periarterial sympathectomy
  - 05.29 Other sympathectomy and ganglionectomy

Excision or avulsion of sympathetic nerve NOS Sympathetic ganglionectomy NOS

Excludes: biopsy of sympathetic nerve or ganglion (05.11) opticociliary neurectomy (12.79)

periarterial sympathectomy (05.25) tympanosympathectomy (20.91)

05.3 Injection into sympathetic nerve or ganglion

Excludes: injection of ciliary sympathetic ganglion (12.79)

- 05.31 Injection of anesthetic into sympathetic nerve for analgesia
- 05.32 Injection of neurolytic agent into sympathetic nerve
- 05.39 Other injection into sympathetic nerve or ganglion
- 05.8 Other operations on sympathetic nerves or ganglia
  - 05.81 Repair of sympathetic nerve or ganglion
  - 05.89 Other
- 05.9 Other operations on nervous system

#### 2. OPERATIONS ON THE ENDOCRINE SYSTEM (06-07)

## 06 Operations on thyroid and parathyroid glands

Includes: incidental resection of hyoid bone

#### 06.0 Incision of thyroid field

Excludes: division of isthmus (06.91)

#### 06.01 Aspiration of thyroid field

Percutaneous or needle drainage of thyroid field

Excludes: aspiration biopsy of thyroid (06.11) drainage by incision (06.09) postoperative aspiration of field (06.02)

#### 06.02 Reopening of wound of thyroid field

removal of hematoma

Reopening of wound of thyroid field for: control of (postoperative) hemorrhage examination exploration

#### 06.09 Other incision of thyroid field

Drainage of hematoma by incision
Drainage of thyroglossal tract by incision
Exploration:
neck by incision
thyroid (field) by incision
Removal of foreign body by incision
Thyroidotomy NOS by incision

Excludes: postoperative exploration (06.02) removal of hematoma by aspiration (06.01)

## 06.1 Diagnostic procedures on thyroid and parathyroid glands

- 06.11 Closed [percutaneous] [needle] biopsy of thyroid gland
  Aspiration biopsy of thyroid
- 06.12 Open biopsy of thyroid gland
- 06.13 Biopsy of parathyroid gland
- 06.19 Other diagnostic procedures on thyroid and parathyroid glands

Excludes: radioisotope scan of:
 parathyroid (92.13)
 thyroid (92.01)
 soft tissue x-ray of thyroid field (87.09)

## 06.2 Unilateral thyroid lobectomy

30

Complete removal of one lobe of thyroid (with removal of isthmus or portion of other lobe)

Hemithyroidectomy

Excludes: partial substernal thyroidectomy (06.51)

## 06.3 Other partial thyroidectomy

#### 06.31 Excision of lesion of thyroid

Excludes: biopsy of thyroid (06.11-06.12)

laser interstitial thermal therapy [LITT] of lesion or

tissue of neck under quidance (17.62)

#### 06.39 Other

Isthmectomy

Partial thyroidectomy NOS

Excludes: partial substernal thyroidectomy (06.51)

#### 06.4 Complete thyroidectomy

Excludes: complete substernal thyroidectomy (06.52) that with laryngectomy (30.3-30.4)

#### 06.5 Substernal thyroidectomy

- 06.50 Substernal thyroidectomy, not otherwise specified
- 06.51 Partial substernal thyroidectomy
- 06.52 Complete substernal thyroidectomy

## 06.6 Excision of lingual thyroid

Excision of thyroid by: submental route transoral route

## 06.7 Excision of thyroglossal duct or tract

## 06.8 Parathyroidectomy

- 06.81 Complete parathyroidectomy
- 06.89 Other parathyroidectomy

Parathyroidectomy NOS Partial parathyroidectomy

Excludes: biopsy of parathyroid (06.13)

#### 06.9 Other operations on thyroid (region) and parathyroid

06.91 Division of thyroid isthmus

Transection of thyroid isthmus

- 06.92 Ligation of thyroid vessels
- 06.93 Suture of thyroid gland
- 06.94 Thyroid tissue reimplantation Autotransplantation of thyroid tissue
- 06.95 Parathyroid tissue reimplantation Autotransplantation of parathyroid tissue
- 06.98 Other operations on thyroid glands
- 06.99 Other operations on parathyroid glands

## 07 Operations on other endocrine glands

Includes: operations on:

adrenal glands pineal gland pituitary gland

thymus

Excludes: operations on:

aortic and carotid bodies (39.81-39.89)

ovaries (65.0-65.99) pancreas (52.01-52.99) testes (62.0-62.99)

#### 07.0 Exploration of adrenal field

Excludes: incision of adrenal (gland) (07.41)

- 07.00 Exploration of adrenal field, not otherwise specified
- 07.01 Unilateral exploration of adrenal field
- 07.02 Bilateral exploration of adrenal field

## 07.1 Diagnostic procedures on adrenal glands, pituitary gland, pineal gland, and thymus

- 07.11 Closed [percutaneous] [needle] biopsy of adrenal gland
- 07.12 Open biopsy of adrenal gland
- 07.13 Biopsy of pituitary gland, transfrontal approach
- 07.14 Biopsy of pituitary gland, transsphenoidal approach
- 07.15 Biopsy of pituitary gland, unspecified approach
- 07.16 Biopsy of thymus
- 07.17 Biopsy of pineal gland
- 07.19 Other diagnostic procedures on adrenal glands, pituitary gland, pineal gland, and thymus

Excludes: microscopic examination of specimen from endocrine gland (90.11-90.19)

radioisotope scan of pituitary gland (92.11)

#### 07.2 Partial adrenalectomy

07.21 Excision of lesion of adrenal gland

Excludes: biopsy of adrenal gland (07.11-07.12)

07.22 Unilateral adrenalectomy

Adrenalectomy NOS

Excludes: excision of remaining adrenal aland (07.3)

07.29 Other partial adrenalectomy

Partial adrenalectomy NOS

#### 07.3 Bilateral adrenalectomy

Excision of remaining adrenal gland

Excludes: bilateral partial adrenalectomy (07.29)

#### 07.4 Other operations on adrenal glands, nerves, and vessels

- 07.41 Incision of adrenal gland Adrenalotomy (with drainage)
- 07.42 Division of nerves to adrenal glands
- 07.43 Ligation of adrenal vessels
- 07.44 Repair of adrenal gland
- 07.45 Reimplantation of adrenal tissue Autotransplantation of adrenal tissue
- 07.49 Other

#### 07.5 Operations on pineal gland

- 07.51 Exploration of pineal field
  - Excludes: that with incision of pineal aland (07.52)
- 07.52 Incision of pineal gland
- 07.53 Partial excision of pineal gland

Excludes: biopsy of pineal gland (07.17)

- 07.54 Total excision of pineal gland Pinealectomy (complete) (total)
- 07.59 Other operations on pineal gland

#### 07.6 Hypophysectomy

07.61 Partial excision of pituitary gland, transfrontal approach Cryohypophysectomy, partial transfrontal approach

> Division of hypophyseal stalk transfrontal approach Excision of lesion of pituitary [hypophysis] transfrontal approach Hypophysectomy, subtotal transfrontal approach Infundibulectomy, hypophyseal transfrontal approach

Excludes: biopsy of pituitary gland, transfrontal approach (07.13)

07.62 Partial excision of pituitary gland, transsphenoidal approach

Excludes: biopsy of pituitary gland, transsphenoidal approach (07.14)

07.63 Partial excision of pituitary gland, unspecified approach

Excludes: biopsy of pituitary gland NOS (07.15)

07.64 Total excision of pituitary gland, transfrontal approach Ablation of pituitary by implantation (strontium-yttrium) (Y) transfrontal approach

Cryohypophysectomy, complete transfrontal approach

- 07.65 Total excision of pituitary gland, transsphenoidal approach
- 07.68 Total excision of pituitary gland, other specified approach
- 07.69 Total excision of pituitary gland, unspecified approach Hypophysectomy NOS Pituitectomy NOS



07.7 O	ther	operations on hypophysis		
07.	.71	Exploration of pituitary fossa		
		Excludes: exploration with incision of pituitary gland (07.72)		
		72 Incision of pituitary gland Aspiration of: craniobuccal pouch craniopharyngioma hypophysis pituitary gland Rathke's pouch		
07.	.79	Other Insertion of pack into sella turcica		
07.8 TI	hym	ectomy		
07.	.80	Thymectomy, not otherwise specified		
07.	.81	Other partial excision of thymus Open partial excision of thymus		
		Excludes: biopsy of thymus (07.16) thoracoscopic partial excision of thymus (07.83)		
07.	.82	Other total excision of thymus Open total excision of thymus		
		Excludes: thoracoscopic total excision of thymus ( <u>07.84</u> )		
07.	.83	Thoracoscopic partial excision of thymus		
		Excludes: other partial excision of thymus ( <u>07.81</u> )		
07.	.84	Thoracoscopic total excision of thymus		
		Excludes: other total excision of thymus ( <u>07.82</u> )		
07.9 O	ther	operations on thymus		
07.	.91	Exploration of thymus field		
		Excludes: exploration with incision of thymus (07.92)		
07.	.92	Other incision of thymus Open incision of thymus		
		Excludes: thoracoscopic incision of thymus ( <u>07.95</u> )		
07.	.93	Repair of thymus		
07.	.94	Transplantation of thymus		
07.	.95	Thoracoscopic incision of thymus		
		Excludes: other incision of thymus ( <u>07.92</u> )		
07.	.98	Other and unspecified thoracoscopic operations on thymus		
07.	.99	Other and unspecified operations on thymus Transcervical thymectomy		
		Excludes: other thoracoscopic operations on thymus ( <u>07.98</u> )		

#### 3. OPERATIONS ON THE EYE (08-16)

08	Opera	ations	on e	yelids
$\sim$	OPCIC	*****	<b>UII U</b>	,

Includes: operations on the eyebrow

#### 08.0 Incision of eyelid

- 08.01 Incision of lid margin
- 08.02 Severing of blepharorrhaphy
- 08.09 Other incision of eyelid

## 08.1 Diagnostic procedures on eyelid

- 08.11 Biopsy of eyelid
- 08.19 Other diagnostic procedures on eyelid

### 08.2 Excision or destruction of lesion or tissue of eyelid

Code also any synchronous reconstruction (08.61-08.74)

Excludes: biopsy of eyelid (08.11)

- **08.20** Removal of lesion of eyelid, not otherwise specified Removal of meibomian gland NOS
- 08.21 Excision of chalazion
- 08.22 Excision of other minor lesion of eyelid

Excision of: verucca wart

- **08.23** Excision of major lesion of eyelid, partial-thickness

  Excision involving one-fourth or more of lid margin, partial-thickness
- **08.24** Excision of major lesion of eyelid, full-thickness
  Excision involving one-fourth or more of lid margin, full-thickness
  Wedge resection of eyelid
- 08.25 Destruction of lesion of evelid

#### 08.3 Repair of blepharoptosis and lid retraction

- 08.31 Repair of blepharoptosis by frontalis muscle technique with suture
- 08.32 Repair of blepharoptosis by frontalis muscle technique with fascial sling
- 08.33 Repair of blepharoptosis by resection or advancement of levator muscle or aponeurosis
- 08.34 Repair of blepharoptosis by other levator muscle techniques
- 08.35 Repair of blepharoptosis by tarsal technique
- **08.36** Repair of blepharoptosis by other techniques
  Correction of eyelid ptosis NOS
  Orbicularis oculi muscle sling for correction of blepharoptosis
- 08.37 Reduction of overcorrection of ptosis
- 08.38 Correction of lid retraction

08.41 Repair of entropion or ectropion by thermocauterization

08.4 Repair of entropion or ectropion

	08.42	Repair of entropion or ectropion by suture technique
	08.43	Repair of entropion or ectropion with wedge resection
	08.44	Repair of entropion or ectropion with lid reconstruction
	08.49	Other repair of entropion or ectropion
08.5	Othe	r adjustment of lid position
	08.51	Canthotomy
		Enlargement of palpebral fissure
	08.52	Blepharorrhaphy Canthorrhaphy Tarsorrhaphy
	08.59	Other Canthoplasty NOS Repair of epicanthal fold
08.6	Reco	nstruction of eyelid with flaps or grafts
	Exclud	es: that associated with repair of entropion and ectropion (08.44)
	08.61	Reconstruction of eyelid with skin flap or graft
	08.62	Reconstruction of eyelid with mucous membrane flap or graft
	08.63	Reconstruction of eyelid with hair follicle graft
	08.64	Reconstruction of eyelid with tarsoconjunctival flap Transfer of tarsoconjunctival flap from opposing lid
	08.69	Other reconstruction of eyelid with flaps or grafts
08.7	Othe	r reconstruction of eyelid
	Exclud	es: that associated with repair of entropion and ectropion (08.44)
	08.70	Reconstruction of eyelid, not otherwise specified
	08.71	$\label{lem:construction} \textbf{Reconstruction of eyelid involving lid margin, partial-thickness}$
	08.72	Other reconstruction of eyelid, partial-thickness
	08.73	Reconstruction of eyelid involving lid margin, full-thickness
	08.74	Other reconstruction of eyelid, full-thickness
08.8	Othe	r repair of eyelid
	08.81	Linear repair of laceration of eyelid or eyebrow
	08.82	Repair of laceration involving lid margin, partial-thickness
	08.83	Other repair of laceration of eyelid, partial-thickness
	08.84	Repair of laceration involving lid margin, full-thickness
	08.85	Other repair of laceration of eyelid, full-thickness
	08.86	Lower eyelid rhytidectomy
	08.87	Upper eyelid rhytidectomy
	08.89	Other eyelid repair
36	1 .1	OR procedure Non OR procedure but affects ThaiDRG

08.9 Other operations on eyelids

08.91	Electrosurgical epilation of eyelid
08.92	Cryosurgical epilation of eyelid
08.93	Other epilation of eyelid
08.99	Other
09 Oper	ations on lacrimal system
09.0 Incis	ion of lacrimal gland
Incisi	on of lacrimal cyst (with drainage)
09.1 Diag	nostic procedures on lacrimal system
09.11	Biopsy of lacrimal gland
09.12	Biopsy of lacrimal sac
09.19	Other diagnostic procedures on lacrimal system
	Excludes: contrast dacryocystogram (87.05)
	soft tissue x-ray of nasolacrimal duct <u>(87.09)</u>
	sion of lesion or tissue of lacrimal gland
09.20	Excision of lacrimal gland, not otherwise specified
09.21	Excision of lesion of lacrimal gland
	Excludes: biopsy of lacrimal gland (09.11)
09.22	Other partial dacryoadenectomy
	Excludes: biopsy of lacrimal gland (09.11)
09.23	Total dacryoadenectomy
09.3 Othe	r operations on lacrimal gland
09.4 Mani	ipulation of lacrimal passage
Includ	es: removal of calculus
	that with dilation
	les: contrast dacryocystogram (87.05)
	Probing of lacrimal punctum
	Probing of lacrimal canaliculi
09.43	Probing of nasolacrimal duct
22.44	Excludes: that with insertion of tube or stent (09.44)
09.44	Intubation of nasolacrimal duct Insertion of stent into nasolacrimal duct
09.49	Other manipulation of lacrimal passage
	ion of lacrimal sac and passages
	Incision of lacrimal punctum
	Incision of lacrimal canaliculi
	Incision of lacrimal sac
09.59	Other incision of lacrimal passages Incision (and drainage) of nasolacrimal duct NOS
	New code Revised code 4th digit required

09.6 Excision of lacrimal sac and passage

# Excludes: biopsy of lacrimal sac (09.12) 09.7 Repair of canaliculus and punctum Excludes: repair of eyelid (08.81-08.89) 09.71 Correction of everted punctum 09.72 Other repair of punctum 09.73 Repair of canaliculus 09.8 Fistulization of lacrimal tract to nasal cavity 09.81 Dacryocystorhinostomy [DCR] 09.82 Conjunctivocystorhinostomy Conjunctivodacryocystorhinostomy [CDCR] Excludes: that with insertion of tube or stent (09.83) 09.83 Conjunctivorhinostomy with insertion of tube or stent 09.9 Other operations on lacrimal system 09.91 Obliteration of lacrimal punctum 09.99 Other 10 Operations on conjunctiva 10.0 Removal of embedded foreign body from conjunctiva by incision Excludes: removal of: embedded foreign body without incision (98.22) superficial foreign body (98.21) 10.1 Other incision of conjunctiva 10.2 Diagnostic procedures on conjunctiva 10.21 Biopsy of conjunctiva 10.29 Other diagnostic procedures on conjunctiva 10.3 Excision or destruction of lesion or tissue of conjunctiva 10.31 Excision of lesion or tissue of conjunctiva Excision of ring of conjunctiva around cornea Excludes: biopsy of conjunctiva (10.21) 10.32 Destruction of lesion of conjunctiva Excludes: excision of lesion (10.31) thermocauterization for entropion (08.41) 10.33 Other destructive procedures on conjunctiva Removal of trachoma follicles 10.4 Conjunctivoplasty 10.41 Repair of symblepharon with free graft 10.42 Reconstruction of conjunctival cul-de-sac with free graft Excludes: revision of enucleation socket with graft (16.63)

OR procedure Non OR procedure but affects ThaiDRG

	10.43	Other reconstruction of conjunctival cul-de-sac
		Excludes: revision of enucleation socket (16.64)
		Other free graft to conjunctiva
	10.49	Other conjunctivoplasty
		Excludes: repair of cornea with conjunctival flap (11.53)
	Div	of adhesions of conjunctiva and eyelid ision of symblepharon (with insertion of conformer)
10.6	Repa	ir of laceration of conjunctiva
	Exclud	es: that with repair of sclera <u>(12.81)</u>
10.9	Othe	r operations on conjunctiva
	10.91	Subconjunctival injection
	10.99	Other
11	Opera	ations on cornea
11.0	Magn	netic removal of embedded foreign body from cornea
		es: that with incision (11.1)
11.1	Incisi	ion of cornea
	Inci	ision of cornea for removal of foreign body
11.2	Diagi	nostic procedures on cornea
	11.21	Scraping of cornea for smear or culture
	11.22	Biopsy of cornea
	11.29	Other diagnostic procedures on cornea
11.3	Excis	ion of pterygium
	11.31	Transposition of pterygium
	11.32	Excision of pterygium with corneal graft
	11.39	Other excision of pterygium
11.4	Excis	ion or destruction of tissue or other lesion of cornea
	11.41	Mechanical removal of corneal epithelium
		That by chemocauterization
	11 42	Excludes: that for smear or culture (11.21) Thermocauterization of corneal lesion
		Cryotherapy of corneal lesion
		Other removal or destruction of corneal lesion
	11.43	Excision of cornea NOS  Excludes: biopsy of cornea (11.22)
11.5	Repa	ir of cornea
		Suture of corneal laceration
	11.52	Repair of postoperative wound dehiscence of cornea
		Repair of corneal laceration or wound with conjunctival flap
		Other repair of cornea

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1	16	Cornea	tranch	ant
	1.0	CULLICA	ı uansu	ιαιιι

Excludes: excision of pterygium with corneal graft (11.32)

11.60 Corneal transplant, not otherwise specified

Keratoplasty NOS

Note: To report donor source --see codes <u>00.91-00.93</u>

- 11.61 Lamellar keratoplasty with autograft
- 11.62 Other lamellar keratoplasty
- 11.63 Penetrating keratoplasty with autograft
  Perforating keratoplasty with autograft
- 11.64 Other penetrating keratoplasty
  Perforating keratoplasty (with homograft)
- 11.69 Other corneal transplant

# 11.7 Other reconstructive and refractive surgery on cornea

- 11.71 Keratomileusis
- 11.72 Keratophakia
- 11.73 Keratoprosthesis
- 11.74 Thermokeratoplasty
- 11.75 Radial keratotomy
- 11.76 Epikeratophakia
- 11.79 Other

## 11.9 Other operations on cornea

- 11.91 Tattooing of cornea
- 11.92 Removal of artificial implant from cornea
- 11.99 Other

# 12 Operations on iris, ciliary body, sclera, and anterior chamber

Excludes: operations on cornea (11.0-11.99)

# 12.0 Removal of intraocular foreign body from anterior segment of eye

- 12.00 Removal of intraocular foreign body from anterior segment of eye, not otherwise specified
- 12.01 Removal of intraocular foreign body from anterior segment of eye with use of magnet
- 12.02 Removal of intraocular foreign body from anterior segment of eye without use of magnet

#### 12.1 Iridotomy and simple iridectomy

Excludes: iridectomy associated with:

cataract extraction (13.11-13.69) removal of lesion (12.41-12.42) scleral fistulization (12.61-12.69)

12.11 Iridotomy with transfixion

## 12.12 Other iridotomy

Corectomy Discission of iris Iridotomy NOS

# 12.13 Excision of prolapsed iris

#### 12.14 Other iridectomy

Iridectomy (basal) (peripheral) (total)

## 12.2 Diagnostic procedures on iris, ciliary body, sclera, and anterior chamber

- 12.21 Diagnostic aspiration of anterior chamber of eye
- 12.22 Biopsy of iris
- 12.29 Other diagnostic procedures on iris, ciliary body, sclera, and anterior chamber

#### 12.3 Iridoplasty and coreoplasty

## 12.31 Lysis of goniosynechiae

Lysis of goniosynechiae by injection of air or liquid

#### 12.32 Lysis of other anterior synechiae

Lysis of anterior synechiae:

NOS

by injection of air or liquid

## 12.33 Lysis of posterior synechiae

Lysis of iris adhesions NOS

#### 12.34 Lysis of corneovitreal adhesions

#### 12.35 Coreoplasty

Needling of pupillary membrane

12.39 Other iridoplasty

## 12.4 Excision or destruction of lesion of iris and ciliary body

- 12.40 Removal of lesion of anterior segment of eye, not otherwise specified
- 12.41 Destruction of lesion of iris, nonexcisional

Destruction of lesion of iris by:

cauterization

cryotherapy

photocoagulation

#### 12.42 Excision of lesion of iris

Excludes: biopsy of iris (12.22)

- 12.43 Destruction of lesion of ciliary body, nonexcisional
- 12.44 Excision of lesion of ciliary body

#### 12.5 Facilitation of intraocular circulation

- 12.51 Goniopuncture without goniotomy
- 12.52 Goniotomy without goniopuncture
- 12.53 Goniotomy with goniopuncture
- 12.54 Trabeculotomy ab externo



12.59 Other facilitation of intraocular circulation

Excludes: exploratory sclerotomy (12.89)

12.55 Cyclodialysis

12.6 Scleral fistulization

	12.61	Trephination of sclera with iridectomy
	12.62	Thermocauterization of sclera with iridectomy
	12.63	Iridencleisis and iridotasis
	12.64	Trabeculectomy ab externo
	12.65	Other scleral fistulization with iridectomy
	12.66	Postoperative revision of scleral fistulization procedure Revision of filtering bleb
		Excludes: repair of fistula (12.82)
	12.67	Insertion of aqueous drainage device Anterior chamber drainage device Aqueous drainage shunt or stent Eye valve implant Filtration canal shunt or device
	12.69	Other fistulizing procedure
12.7	Othe	r procedures for relief of elevated intraocular pressure
		Cyclodiathermy
	12.72	Cyclocryotherapy
	12.73	Cyclophotocoagulation
	12.74	Diminution of ciliary body, not otherwise specified
	12.79	Other glaucoma procedures
12.8		ations on sclera es: those associated with: retinal reattachment (14.41-14.59) scleral fistulization (12.61-12.69)
	12.81	Suture of laceration of sclera Suture of sclera with synchronous repair of conjunctiva
	12.82	Repair of scleral fistula
		Excludes: postoperative revision of scleral fistulization procedure (12.66)
	12.83	Revision of operative wound of anteriorsegment, not elsewhere
		<b>classified Excludes</b> : postoperative revision of scleral fistulization procedure (12.66)
	12 84	Excision or destruction of lesion of sclera
		Repair of scleral staphyloma with graft
		Other repair of scleral staphyloma
		Scleral reinforcement with graft
		Other scleral reinforcement
	12.89	Other operations on sclera Exploratory sclerotomy
42	1 .1	OR procedure Non OR procedure but affects ThaiDRG
		· —

#### 12.9 Other operations on iris, ciliary body, and anterior chamber

#### 12.91 Therapeutic evacuation of anterior chamber

Paracentesis of anterior chamber

Excludes: diagnostic aspiration (12.21)

#### 12.92 Injection into anterior chamber

Injection of:

air into anterior chamber liquid into anterior chamber

medication into anterior chamber

#### 12.93 Removal or destruction of epithelial downgrowth from anterior chamber

Excludes: that with iridectomy (12.41-12.42)

- 12.97 Other operations on iris
- 12.98 Other operations on ciliary body
- 12.99 Other operations on anterior chamber

## 13 Operations on lens

## 13.0 Removal of foreign body from lens

Excludes: removal of pseudophakos (13.8)

- 13.00 Removal of foreign body from lens, not otherwise specified
- 13.01 Removal of foreign body from lens with use of magnet
- 13.02 Removal of foreign body from lens without use of magnet

#### 13.1 Intracapsular extraction of lens

Code also any synchronous insertion of pseudophakos (13.71)

- 13.11 Intracapsular extraction of lens by temporal inferior route
- 13.19 Other intracapsular extraction of lens

Cataract extraction NOS

Cryoextraction of lens

Erysiphake extraction of cataract

Extraction of lens NOS

# 13.2 Extracapsular extraction of lens by linear extraction technique

Code also any synchronous insertion of pseudophakos (13.71)

# 13.3 Extracapsular extraction of lens by simple aspiration (and irrigation) technique

Irrigation of traumatic cataract

Code also any synchronous insertion of pseudophakos (13.71)

# 13.4 Extracapsular extraction of lens by fragmentation and aspiration technique

Code also any synchronous insertion of pseudophakos (13.71)

- 13.41 Phacoemulsification and aspiration of cataract
- 13.42 Mechanical phacofragmentation and aspiration of cataract by posterior route

Code also any synchronous vitrectomy (14.74)



13.43 Mechanical phacofragmentation and other aspiration of cataract

13.5	Othe	r extracapsular extraction of lens
	Code	also any synchronous insertion of pseudophakos (13.71)
	13.51	Extracapsular extraction of lens by temporal inferior route
	13.59	Other extracapsular extraction of lens
13.6	Othe	r cataract extraction
	Code a	also any synchronous insertion of pseudophakos (13.71)
	13.64	Discission of secondary membrane [after cataract]
	13.65	Excision of secondary membrane [after cataract] ®
		Capsulectomy
	13.66	Mechanical fragmentation of secondary membrane [after cataract]
	13.69	Other cataract extraction
13.7	Inser	tion of prosthetic lens [pseudophakos]
	Exclud	es: implantation of intraocular telescope prosthesis (13.91)
	13.70	Insertion of pseudophakos, not otherwise specified
	13.71	Insertion of intraocular lens prosthesis at time of cataract extraction, one-stage
		Code also synchronous extraction of cataract (13.11-13.69)
	13.72	Secondary insertion of intraocular lens prosthesis
13.8		oval of implanted lens moval of pseudophakos
13.9	Othe	r operations on lens
	13.90	Operation on lens, Not Elsewhere Classified
	13.91	Implantation of intraocular telescope prosthesis Implantable miniature telescope
		Includes removal of lens, any method
		Excludes: secondary insertion of ocular implant (16.61)
14	Oper cham	ations on retina, choroid, vitreous, and posterior ber
14.0	Remo	oval of foreign body from posterior segment of eye
	Exclud	es: removal of surgically implanted material (14.6)
	14.00	Removal of foreign body from posterior segment of eye, not otherwise specified
	14.01	Removal of foreign body from posterior segment of eye with use of magnet
	14.02	Removal of foreign body from posterior segment of eye without use of magnet $% \left( 1\right) =\left( 1\right) \left( 1\right$

#### 14.1 Diagnostic procedures on retina, choroid, vitreous, and posterior chamber

- 14.11 Diagnostic aspiration of vitreous
- 14.19 Other diagnostic procedures on retina, choroid, vitreous, and posterior chamber

#### 14.2 Destruction of lesion of retina and choroid

Includes: destruction of chorioretinopathy or isolated chorioretinal lesion

Excludes: that for repair of retina (14.31-14.59)

- 14.21 Destruction of chorioretinal lesion by diathermy
- 14.22 Destruction of chorioretinal lesion by cryotherapy
- 14.23 Destruction of chorioretinal lesion by xenon arc photocoagulation
- 14.24 Destruction of chorioretinal lesion by laser photocoagulation
- 14.25 Destruction of chorioretinal lesion by photocoagulation of unspecified type
- 14.26 Destruction of chorioretinal lesion by radiation therapy
- 14.27 Destruction of chorioretinal lesion by implantation of radiation
- 14.29 Other destruction of chorioretinal lesion Destruction of lesion of retina and choroid NOS

#### 14.3 Repair of retinal tear

Includes: repair of retinal defect

Excludes: repair of retinal detachment (14.41-14.59)

- 14.31 Repair of retinal tear by diathermy
- 14.32 Repair of retinal tear by cryotherapy
- 14.33 Repair of retinal tear by xenon arc photocoagulation
- 14.34 Repair of retinal tear by laser photocoagulation
- 14.35 Repair of retinal tear by photocoagulation of unspecified type
- 14.39 Other repair of retinal tear

#### 14.4 Repair of retinal detachment with scleral buckling and implant

- 14.41 Scleral buckling with implant
- 14.49 Other scleral buckling

Scleral buckling with: air tamponade resection of sclera vitrectomy

## 14.5 Other repair of retinal detachment

Includes: that with drainage

- 14.51 Repair of retinal detachment with diathermy
- 14.52 Repair of retinal detachment with cryotherapy
- 14.53 Repair of retinal detachment with xenon arc photocoagulation
- 14.54 Repair of retinal detachment with laser photocoagulation

14.55 Repair of retinal detachment with photocoagulation of

14.6 Removal of surgically implanted material from posterior

unspecified type

14.59 Other

segment of eye

14.7	Oper	ations on vitreous
	14.71	Removal of vitreous, anterior approach Open sky technique Removal of vitreous, anterior approach (with replacement)
	14.72	Other removal of vitreous Aspiration of vitreous by posterior sclerotomy
	14.73	Mechanical vitrectomy by anterior approach
	14.74	Other mechanical vitrectomy Posterior approach
	14.75	Injection of vitreous substitute
		Excludes: that associated with removal (14.71-14.72)
	14.79	Other operations on vitreous
14.8	Oper	ations on vitreous
	14.81	Implantation of epiretinal visual prosthesis Note: Includes lens removal if present, scleral buckling, vitrectomy, epiretinal membrane peeling and pericardial grafting  Excludes: implantation of intraocular telescope prosthesis (13.91) other operations on retina, choroid, and posterior chamber (14.9) replacement of epiretinal visual prosthesis (14.83)
	14.82	Removal of epiretinal visual prosthesis Note: Includes 360-degree limbal peritomy and vitrectomy if performed, and device extraction  Excludes: removal of eye prosthesis (97.31)
	14.83	Revision or replacement of epiretinal visual prosthesis  Note: Includes tack replacement, device relocation, and replacement of pericardial grafting, if needed  Excludes: implantation of epiretinal visual prosthesis (14.81)
14.9	Othe	r operations on retina, choroid, and posterior chamber
15	Oper	ations on extraocular muscles
15.0	15.01	nostic procedures on extraocular muscles or tendons Biopsy of extraocular muscle or tendon Other diagnostic procedures on extraocular muscles and tendons
46	1 1	OR procedure Non OR procedure but affects ThaiDRG

- 15.1 Operations on one extraocular muscle involving temporary detachment from globe
  - 15.11 Recession of one extraocular muscle
  - 15.12 Advancement of one extraocular muscle
  - 15.13 Resection of one extraocular muscle
  - 15.19 Other operations on one extraocular muscle involving temporary detachment from globe

Excludes: transposition of muscle (15.5)

- 15.2 Other operations on one extraocular muscle
  - 15.21 Lengthening procedure on one extraocular muscle
  - 15.22 Shortening procedure on one extraocular muscle
  - 15.29 Other
- 15.3 Operations on two or more extraocular muscles involving temporary detachment from globe, one or both eyes
- 15.4 Other operations on two or more extraocular muscles, one or both eyes
- 15.5 Transposition of extraocular muscles

Excludes: that for correction of ptosis (08.31-08.36)

- 15.6 Revision of extraocular muscle surgery
- 15.7 Repair of injury of extraocular muscle

Freeing of entrapped extraocular muscle Lysis of adhesions of extraocular muscle

Repair of laceration of extraocular muscle, tendon, or Tenon's capsule

- 15.9 Other operations on extraocular muscles and tendons
- 16 Operations on orbit and eyeball

Excludes: reduction of fracture of orbit (76.78-76.79)

- 16.0 Orbitotomy
  - 16.01 Orbitotomy with bone flap Orbitotomy with lateral approach
  - 16.02 Orbitotomy with insertion of orbital implant

Excludes: that with bone flap (16.01)

- 16.09 Other orbitotomy
- 16.1 Removal of penetrating foreign body from eye, not otherwise specified

Excludes: removal of nonpenetrating foreign body (98.21)

- 16.2 Diagnostic procedures on orbit and eyeball
  - 16.21 Ophthalmoscopy
  - 16.22 Diagnostic aspiration of orbit

- 16.23 Biopsy of eyeball and orbit
- 16.29 Other diagnostic procedures on orbit and eyeball

Excludes: examination of form and structure of eye (95.11-95.16)
general and subjective eye examination (95.01-95.09)
microscopic examination of specimen from eye (90.21-90.29)
objective functional tests of eye (95.21-95.26)

ocular thermography (88.82) tonometry (89.11)

x-ray of orbit <u>(87.14, 87.16)</u>

# 16.3 Evisceration of eyeball

- 16.31 Removal of ocular contents with synchronous implant into scleral shell
- 16.39 Other evisceration of eyeball

# 16.4 Enucleation of eyeball

- 16.41 Enucleation of eyeball with synchronous implant into Tenon's capsule with attachment of muscles
  Integrated implant of eyeball
- 16.42 Enucleation of eyeball with other synchronous implant
- 16.49 Other enucleation of eyeball Removal of eyeball NOS

#### 16.5 Exenteration of orbital contents

- 16.51 Exenteration of orbit with removal of adjacent structures
  Radical orbitomaxillectomy
- 16.52 Exenteration of orbit with therapeutic removal of orbital bone
- 16.59 Other exenteration of orbit

Evisceration of orbit NOS

Exenteration of orbit with temporalis muscle transplant

# 16.6 Secondary procedures after removal of eyeball

**Excludes**: that with synchronous:

enucleation of eyeball (16.41-16.42) evisceration of eyeball (16.31)

- 16.61 Secondary insertion of ocular implant
- 16.62 Revision and reinsertion of ocular implant
- 16.63 Revision of enucleation socket with graft
- 16.64 Other revision of enucleation socket
- 16.65 Secondary graft to exenteration cavity
- 16.66 Other revision of exenteration cavity
- 16.69 Other secondary procedures after removal of eyeball

# 16.7 Removal of ocular or orbital implant

- 16.71 Removal of ocular implant
- 16.72 Removal of orbital implant

## 16.8 Repair of injury of eyeball and orbit

#### 16.81 Repair of wound of orbit

Excludes: reduction of orbital fracture (76.78-76.79) repair of extraocular muscles (15.7)

#### 16.82 Repair of rupture of eyeball

Repair of multiple structures of eye Excludes: repair of laceration of: cornea (11.51-11.59)

sclera (12.81)

16.89 Other repair of injury of eyeball or orbit

## 16.9 Other operations on orbit and eyeball

Excludes: irrigation of eye (96.51)

prescription and fitting of low vision aids (95.31-95.33)

removal of:

eve prosthesis NEC (97.31)

nonpenetrating foreign body from eye without incision (98.21)

#### 16.91 Retrobulbar injection of therapeutic agent

Excludes: injection of radiographic contrast material (87.14) opticociliary injection (12.79)

#### 16.92 Excision of lesion of orbit

Excludes: biopsy of orbit (16.23)

# 16.93 Excision of lesion of eye, unspecified structure

Excludes: biopsy of eye NOS (16.23)

#### 16.98 Other operations on orbit

16.99 Other operations on eyeball

#### 3A OTHER MISCELLANEOUS DIAGNOSTIC AND THERAPEUTIC PROCEDURES

# 17 Other miscellaneous procedures

# 17.1 Laparoscopic unilateral repair of inguinal hernia

Excludes: other and open unilateral repair of hernia (53.00 -53.05)

17.11 Laparoscopic repair of direct inguinal hernia with graft or prosthesis

Laparoscopic repair of direct and indirect inguinal hernia with graft or prosthesis

- 17.12 Laparoscopic repair of indirect inguinal hernia with graft or prosthesis
- 17.13 Laparoscopic repair of inguinal hernia with graft or prosthesis, not otherwise specified

## 17.2 Laparoscopic bilateral repair of inquinal hernia

Excludes: other and open bilateral repair of hernia (53.10 - 53.17)

- 17.21 Laparoscopic bilateral repair of direct inguinal hernia with graft or prosthesis
- 17.22 Laparoscopic bilateral repair of indirect inguinal hernia with graft or prosthesis
- 17.23 Laparoscopic bilateral repair of inguinal hernia, one direct and one indirect, with graft or prosthesis
- 17.24 Laparoscopic bilateral repair of inguinal hernia with graft or prosthesis, not otherwise specified

# 17.3 Laparoscopic partial excision of large intestine

Excludes: other and open partial excision of large intestine (45.71-45.79)

- 17.31 Laparoscopic multiple segmental resection of large intestine
- 17.32 Laparoscopic cecectomy
- 17.33 Laparoscopic right hemicolectomy
- 17.34 Laparoscopic resection of transverse colon
- 17.35 Laparoscopic left hemicolectomy
- 17.36 Laparoscopic sigmoidectomy
- 17.39 Other laparoscopic partial excision of large intestine

#### 17.4 Robotic assisted procedures

Computer assisted robotic surgery Computer-enhanced robotic surgery Robotic procedure with computer assistance Surgeon-controlled robotic surgery

Code first primary procedure

Excludes: computer assisted surgery (00.31-00.35, 00.39)

Note: This category includes use of a computer console with (3-D) imaging, software, camera(s), visualization and instrumentation combined with the use of robotic arms, device(s), or system(s) at the time of the procedure.

OR procedure Non OR procedure but affects Tha
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- 17.41 Open robotic assisted procedure Robotic assistance in open procedure
- 17.42 Laparoscopic robotic assisted procedure

Robotic assistance in laparoscopic procedure

- 17.43 Percutaneous robotic assisted procedure Robotic assistance in percutaneous procedure
- 17.44 Endoscopic robotic assisted procedure Robotic assistance in endoscopic procedure
- 17.45 Thoracoscopic robotic assisted procedure Robotic assistance in thoracoscopic procedure
- 17.49 Other and unspecified robotic assisted procedure Robotic assistance in other and unspecified procedure

Excludes: endoscopic robotic assisted procedure (17.44) *laparoscopic robotic assisted procedure* (17.42) open robotic assisted procedure (17.41) percutaneous robotic assisted procedure (17.43) thoracoscopic robotic assisted procedure (17.45)

# 17. 5 Additional cardiovascular procedures

# 17.51 Implantation of rechargeable cardiac contractility modulation [CCM], total system

Note: Device testing during procedure --omit code Implantation of CCM system includes formation of pocket, transvenous leads, including placement of leads, placement of catheter into left ventricle, intraoperative procedures for evaluation of lead signals, obtaining sensing threshold measurements, obtaining defibrillator threshold measurements.

Includes implantation of device with removal of existing device

Code also any concomitant:

coronary bypass (36.10 - 36.19) extracorporeal circulation (39.61) insertion or replacement of automatic cardioverter/defibrillator, total system [AICD] (37.94)

Excludes: implantation of CCM pulse generator only (17.52)

# 17.52 Implantation or replacement of cardiac contractility modulation [CCM] rechargeable pulse generator only

Note: Device testing during procedure --omit code Implantation of CCM device with removal of any existing CCM device

Code also any concomitant: revision of device pocket (37.79)

revision of lead [electrode] (37.75)

# ICD-9-CM TABULAR LIST OF PROCEDURES (FY 15) 17.53 Percutaneous atherectomy of extracranial vessel(s) ## Directional atherectomy Excimer laser atherectomy Rotational atherectomy That by laser That by transluminal extraction Code also any: injection or infusion of thrombolytic agent (99.10) number of vascular stents inserted (00.45-00.48) number of vessels treated (00.40-00.43) percutaneous insertion of carotid artery stent(s) (00.63) percutaneous insertion of other extracranial artery stent(s) (00.64)procedure on vessel bifurcation (00.44) Excludes: angioplasty of other non-coronary vessel(s) (39.50) atherectomy of intracranial vessel(s) (17.54) atherectomy of other non-coronary vessel(s) (17.56) removal of cerebrovascular obstruction of vessel(s) by open approach (38.01-38.02, 38.11-38.12, 38.31-38.32, 38.41-38.42) 17.54 Percutaneous atherectomy of intracranial vessel(s) Directional atherectomy Excimer laser atherectomy Rotational atherectomy That by laser That by transluminal extraction Code also anv: injection or infusion of thrombolytic agent (99.10) number of vascular stents inserted (00.45-00.48) number of vessels treated (00.40-00.43) percutaneous insertion of intracranial vascular stent(s) (00.65) procedure on vessel bifurcation (00.44) Excludes: angioplasty of other non-coronary vessel(s) (39.50)

Excludes: angioplasty of other non-coronary vessel(s) (39.50) atherectomy of extracranial vessel(s) (17.53) atherectomy of other non-coronary vessel(s) (17.56) removal of cerebrovascular obstruction of vessel(s) by open approach (38.01-38.02, 38.11-38.12, 38.31-38.32, 38.41-38.42)

# 17.55 Transluminal coronary atherectomy 🥨

Directional atherectomy
Excimer laser atherectomy
Rotational atherectomy
That by laser
That by percutaneous approach
That by transluminal extraction

#### Code also any:

injection or infusion of thrombolytic agent (99.10)

insertion of coronary artery stent (36.06-36.07)

intracoronary artery thrombolytic infusion (36.04)

number of vascular stents inserted (00.45-00.48)

number of vessels treated (00.40-00.43)

procedure on vessel bifurcation (00.44)

SuperSaturated oxygen therapy (00.49)

transluminal coronary angioplasty (00.66)

#### 17.56 Atherectomy of other non-coronary vessel(s) **\*\***

Percutaneous transluminal atherectomy of:

lower extremity vessels

mesenteric artery

renal artery

upper extremity vessels

#### Includes:

Directional atherectomy

Excimer laser atherectomy

Rotational atherectomy

That by laser

That by transluminal extraction

### Code also any:

injection or infusion of thrombolytic agent (99.10)

insertion of drug-eluting peripheral vessel stent (00.55)

insertion of non-drug-eluting peripheral vessel stent(s) or stent

graft(s) (39.90)

number of vascular stents inserted (00.45-00.48)

number of vessels treated (00.40-00.43)

procedure on vessel bifurcation (00.44)7

Excludes: percutaneous angioplasty of extracranial or intracranial vessel(s) (00.61-00.62)

> *Percutaneous angioplasty of other non-coronary vessel(s) (39.50)* percutaneous atherectomy of extracranial vessel(s) (17.53)

percutaneous atherectomy of intracranial vessel(s) (17.54)

# 17.6 Laser interstitial thermal therapy [LITT] under guidance

Focused laser interstitial thermal therapy [f-LITT] under MRI guidance MRI-quided LITT

## 17.61 Laser interstitial thermal therapy [LITT] of lesion or tissue of brain under guidance

Focused laser interstitial thermal therapy [f-LITT] under MRI quidance

MRI-quided LITT of lesion or tissue of brain

Excludes: laser interstitial thermal therapy [LITT] of lesion of tissue of head under auidance (17.62)



# 17.62 Laser interstitial thermal therapy [LITT] of lesion or tissue of head and neck under guidance

Focused laser interstitial thermal therapy [f-LITT] under MRI guidance

MRI-guided LITT of lesion or tissue of head and neck

Excludes: laser interstitial thermal therapy [LITT] of lesion or
tissue of brain under quidance (17.61)

# 17.63 Laser interstitial thermal therapy [LITT] of lesion or tissue of liver under guidance

Focused laser interstitial thermal therapy [f-LITT] under MRI guidance

MRI-guided LITT of lesion or tissue of liver

# 17.69 Laser interstitial thermal therapy [LITT] of lesion or tissue of other and unspecified site under guidance

Focused laser interstitial thermal therapy [f-LITT] under MRI guidance

MRI-guided LITT of lesion or tissue of breast MRI-guided LITT of lesion or tissue of lung MRI-guided LITT of lesion or tissue of prostate

Excludes: laser interstitial thermal therapy [LITT] of lesion or tissue of brain under guidance (17.61)

laser interstitial thermal therapy [LITT] of lesion or tissue of head and neck under guidance (17.62) laser interstitial thermal therapy [LITT] of lesion or tissue of liver under guidance (17.63)

# 17.7 Other diagnostic and therapeutic procedures

#### 17.70 Intravenous infusion of clofarabine

Excludes: injection or infusion of cancer chemotherapeutic substance (99.25)

# 17.71 Non-coronary intra-operative fluorescence vascular angiography [IFVA]

Intraoperative laser arteriogram SPY arteriogram

SPY arteriography

Excludes: intra-operative coronary fluorescence vascular angiography (88.59)

# 17.8 Other adjunct procedures

Note: These codes are to be used in conjunction with other therapeutic procedure codes to provide additional information on devices used as part of a procedure.

# 17.81 Insertion of antimicrobial envelope 🐲

Use of anti-microbial (mesh) (prophylactic antibiotics embedded) envelope with the insertion of cardiovascular implantable electronic devices (CIED)

Code first primary procedure:

Insertion of cardiovascular implantable electronic device(s) [CIED] (00.51, 00.53, 00.54, 37.94, 37.96, 37.98)



#### 4. OPERATIONS ON THE EAR (18-20)

# 18 Operations on external ear

Includes: operations on: external auditory canal skin and cartilage of: auricle

meatus

#### 18.0 Incision of external ear

Excludes: removal of intraluminal foreign body (98.11)

18.01 Piercing of ear lobe Piercing of pinna

- 18.02 Incision of external auditory canal
- 18.09 Other incision of external ear

#### 18.1 Diagnostic procedures on external ear

- 18.11 Otoscopy
- 18.12 Biopsy of external ear
- 18.19 Other diagnostic procedures on external ear

Excludes: microscopic examination of specimen from ear (90.31-90.39)

#### 18.2 Excision or destruction of lesion of external ear

#### 18.21 Excision of preauricular sinus

Radical excision of preauricular sinus or cyst

Excludes: excision of preauricular remnant [appendage] (18.29)

#### 18.29 Excision or destruction of other lesion of external ear

Cauterization of external ear Coagulation of external ear Cryosurgery of external ear Curettage of external ear Electrocoagulation of external ear

Enucleation of external ear

Excision of:

exostosis of external auditory canal preauricular remnant [appendage]

Partial excision of ear

Excludes: biopsy of external ear (18.12) radical excision of lesion (18.31) removal of cerumen (96.52)

### 18.3 Other excision of external ear

Excludes: biopsy of external ear (18.12)

### 18.31 Radical excision of lesion of external ear

Excludes: radical excision of preauricular sinus (18.21)

18.39 Other

Amputation of external ear

Excludes: excision of lesion (18.21-18.29, 18.31)

#### 18.4 Suture of laceration of external ear

# 18.5 Surgical correction of prominent ear

Ear:

pinning setback

## 18.6 Reconstruction of external auditory canal

Canaloplasty of external auditory meatus
Construction [reconstruction] of external meatus of ear:
osseous portion
skin-lined portion (with skin graft)

#### 18.7 Other plastic repair of external ear

#### 18.71 Construction of auricle of ear

Prosthetic appliance for absent ear Reconstruction: auricle ear

#### 18.72 Reattachment of amputated ear

# 18.79 Other plastic repair of external ear

Otoplasty NOS Postauricular skin graft Repair of lop ear

# 18.9 Other operations on external ear

Excludes: irrigation of ear (96.52)

packing of external auditory canal (96.11)

removal of:

cerumen (96.52)

foreign body (without incision) (98.11)

# 19 Reconstructive operations on middle ear

## 19.0 Stapes mobilization

Division, otosclerotic: material process Remobilization of stapes Stapediolysis

Transcrural stapes mobilization

Excludes: that with synchronous stapedectomy (19.11-19.19)

# 19.1 Stapedectomy

Excludes: revision of previous stapedectomy (19.21-19.29) stapes mobilization only (19.0)

#### 19.11 Stapedectomy with incus replacement

Stapedectomy with incus:

homograft prosthesis

# 19.19 Other stapedectomy

# 19.2 Revision of stapedectomy

- 19.21 Revision of stapedectomy with incus replacement
- 19.29 Other revision of stapedectomy

# 19.3 Other operations on ossicular chain

Incudectomy NOS Ossiculectomy NOS Reconstruction of ossicles, second stage

### 19.4 Myringoplasty

Epitympanic, type I Myringoplasty by: cauterization araft Tympanoplasty (type I)

# 19.5 Other tympanoplasty

# 19.52 Type II tympanoplasty

Closure of perforation with graft against incus or malleus

#### 19.53 Type III tympanoplasty Graft placed in contact with mobile and intact stapes

# 19.54 Type IV tympanoplasty

Mobile footplate left exposed with air pocket between round window and graft

# 19.55 Type V tympanoplasty

Fenestra in horizontal semicircular canal covered by graft

#### 19.6 Revision of tympanoplasty

# 19.9 Other repair of middle ear

Closure of mastoid fistula Mastoid myoplasty Obliteration of tympanomastoid cavity

# 20 Other operations on middle and inner ear

# 20.0 Myringotomy

20.01 Myringotomy with insertion of tube Myringostomy

# 20.09 Other myringotomy

Aspiration of middle ear NOS

### 20.1 Removal of tympanostomy tube

#### 20.2 Incision of mastoid and middle ear

- 20.21 Incision of mastoid
- 20.22 Incision of petrous pyramid air cells

#### 20.23 Incision of middle ear

Atticotomy Division of tympanum Lysis of adhesions of middle ear Excludes: division of otosclerotic process (19.0) stapediolysis (19.0)

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that with stapedectomy (19.11-19.19)
20.3 Diagnostic procedures on middle and inner ear
     20.31 Electrocochleography
     20.32 Biopsy of middle and inner ear
     20.39 Other diagnostic procedures on middle and inner ear
            Excludes: auditory and vestibular function tests (89.13, 95.41-95.49)
                     microscopic examination of specimen from ear
                       (90.31-90.39)
20.4 Mastoidectomy
     Code also any:
        skin graft (18.79)
        tympanoplasty (19.4-19.55)
     Excludes: that with implantation of cochlear prosthetic device (20.96-20.98)
     20.41 Simple mastoidectomy
     20.42 Radical mastoidectomy
     20.49 Other mastoidectomy
             Atticoantrostomy
             Mastoidectomy:
               NOS
               modified radical
20.5 Other excision of middle ear
     Excludes: that with synchronous mastoidectomy (20.41-20.49)
     20.51 Excision of lesion of middle ear
            Excludes: biopsy of middle ear (20.32)
     20.59 Other
             Apicectomy of petrous pyramid
             Tympanectomy
20.6 Fenestration of inner ear
     20.61 Fenestration of inner ear (initial)
             Fenestration of:
               labyrinth with graft (skin) (vein)
               semicircular canals with graft (skin) (vein)
               vestibule with graft (skin) (vein)
            Excludes: that with tympanoplasty, type V (19.55)
     20.62 Revision of fenestration of inner ear
20.7 Incision, excision, and destruction of inner ear
     20.71 Endolymphatic shunt
     20.72 Injection into inner ear
             Destruction by injection (alcohol):
               inner ear
               semicircular canals
               vestibule
58
            OR procedure
                                 Non OR procedure but affects ThaiDRG
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#### 20.79 Other incision, excision, and destruction of inner ear

Decompression of labyrinth

Drainage of inner ear

Fistulization:

endolymphatic sac

labyrinth

Incision of endolymphatic sac

Labyrinthectomy (transtympanic)

Opening of bony labyrinth

Perilymphatic tap

Excludes: biopsy of inner ear (20.32)

#### 20.8 Operations on Eustachian tube

Catheterization of Eustachian tube

Inflation of Eustachian tube

Injection (Teflon paste) of Eustachian tube

Insufflation (boric acid-salicylic acid) Intubation of Eustachian tube

Politzerization of Fustachian tube

## 20.9 Other operations on inner and middle ear

- 20.91 Tympanosympathectomy
- 20.92 Revision of mastoidectomy
- 20.93 Repair of oval and round windows

Closure of fistula:

oval window

perilymph

round window

#### 20.94 Injection of tympanum

#### 20.95 Implantation of electromagnetic hearing device

Bone conduction hearing device

Excludes: cochlear prosthetic device (20.96-20.98)

## 20.96 Implantation or replacement of cochlear prosthetic device, not otherwise specified

Implantation of receiver (within skull) and insertion of electrode(s)

in the cochlea

Includes: mastoidectomy

Excludes: electromagnetic hearing device (20.95)

## 20.97 Implantation or replacement of cochlear prosthetic device, single channel

Implantation of receiver (within skull) and insertion of electrode in the

cochlea

Includes: mastoidectomy

Excludes: electromagnetic hearing device (20.95)

#### 20.98 Implantation or replacement of cochlear prosthetic device, multiple channel

Implantation of receiver (within skull) and insertion of electrodes in

the cochlea

Includes: mastoidectomy

Excludes: electromagnetic hearing device (20.95)



#### ICD-9-CM TABULAR LIST OF PROCEDURES (FY 15)

#### 20.99 Other operations on middle and inner ear

Repair or removal of cochlear prosthetic device (receiver) (electrode) Attachment of percutaneous abutment (screw) for prosthetic device

Excludes: adjustment (external components) of cochlear prosthetic device (95.49)

fitting of hearing aid (95.48)

#### 5. OPERATIONS ON THE NOSE, MOUTH, AND PHARYNX (21-29)

# 21 Operations on nose

Includes: operations on: bone of nose skin of nose

### 21.0 Control of epistaxis

- 21.00 Control of epistaxis, not otherwise specified
- 21.01 Control of epistaxis by anterior nasal packing
- 21.02 Control of epistaxis by posterior (and anterior) packing
- 21.03 Control of epistaxis by cauterization (and packing)
- 21.04 Control of epistaxis by ligation of ethmoidal arteries
- 21.05 Control of epistaxis by (transantral) ligation of the maxillary artery
- 21.06 Control of epistaxis by ligation of the external carotid artery
- 21.07 Control of epistaxis by excision of nasal mucosa and skin grafting of septum and lateral nasal wall
- 21.09 Control of epistaxis by other means

#### 21.1 Incision of nose

Chondrotomy Incision of skin of nose Nasal septotomy

## 21.2 Diagnostic procedures on nose

- 21.21 Rhinoscopy
- 21.22 Biopsy of nose
- 21.29 Other diagnostic procedures on nose

Excludes: microscopic examination of specimen from nose (90.31-90.39)
nasal:
function study (89.12)
x-ray (87.16)

#### 21.3 Local excision or destruction of lesion of nose

Excludes: biopsy of nose (21.22)
nasal fistulectomy (21.82)

- 21.30 Excision or destruction of lesion of nose, not otherwise specified
- 21.31 Local excision or destruction of intranasal lesion
  Nasal polypectomy

rhinomanometry (89.12)

21.32 Local excision or destruction of other lesion of nose

#### 21.4 Resection of nose

Amputation of nose

#### 21.5 Submucous resection of nasal septum

#### 21.6 Turbinectomy

- 21.61 Turbinectomy by diathermy or cryosurgery
- 21.62 Fracture of the turbinates
- 21.69 Other turbinectomy

Excludes: turbinectomy associated with sinusectomy (22.31-22.39, 22.42, 22.60-22.64)

#### 21.7 Reduction of nasal fracture

- 21.71 Closed reduction of nasal fracture
- 21.72 Open reduction of nasal fracture

# 21.8 Repair and plastic operations on the nose

- 21.81 Suture of laceration of nose
- 21.82 Closure of nasal fistula

Nasolabial fistulectomy Nasopharyngeal fistulectomy Oronasal fistulectomy

## 21.83 Total nasal reconstruction

Reconstruction of nose with: arm flan forehead flap

#### 21.84 Revision rhinoplasty

Rhinoseptoplasty Twisted nose rhinoplasty

## 21.85 Augmentation rhinoplasty

Augmentation rhinoplasty with: araft synthetic implant

#### 21.86 Limited rhinoplasty

Plastic repair of nasolabial flaps Tip rhinoplasty

# 21.87 Other rhinoplasty

Rhinoplasty NOS

## 21.88 Other septoplasty

Crushing of nasal septum Repair of septal perforation

Excludes: septoplasty associated with submucous resection of septum (21.5)

# 21.89 Other repair and plastic operations on nose

Reattachment of amoutated nose

#### 21.9 Other operations on nose

#### 21.91 Lysis of adhesions of nose

Posterior nasal scrub

#### 21.99 Other

Excludes: dilation of frontonasal duct (96.21) irrigation of nasal passages (96.53) removal of: intraluminal foreign body without incision (98.12) nasal packing (97.32) replacement of nasal packing (97.21)

# 22 Operations on nasal sinuses

## 22.0 Aspiration and lavage of nasal sinus

- 22.00 Aspiration and layage of nasal sinus, not otherwise specified
- 22.01 Puncture of nasal sinus for aspiration or lavage
- 22.02 Aspiration or lavage of nasal sinus through natural ostium

#### 22.1 Diagnostic procedures on nasal sinus

- 22.11 Closed [endoscopic] [needle] biopsy of nasal sinus
- 22.12 Open biopsy of nasal sinus
- 22.19 Other diagnostic procedures on nasal sinuses

Endoscopy without biopsy

Excludes: transillumination of sinus (89.35) x-ray of sinus (87.15-87.16)

#### 22.2 Intranasal antrotomy

Excludes: antrotomy with external approach (22.31-22.39)

#### 22.3 External maxillary antrotomy

#### 22.31 Radical maxillary antrotomy

Removal of lining membrane of maxillary sinus using Caldwell-Luc approach

#### 22.39 Other external maxillary antrotomy

Exploration of maxillary antrum with Caldwell-Luc approach

# 22.4 Frontal sinusotomy and sinusectomy

- 22.41 Frontal sinusotomy
- 22.42 Frontal sinusectomy

Excision of lesion of frontal sinus Obliteration of frontal sinus (with fat)

Excludes: biopsy of nasal sinus (22.11-22.12)

#### 22.5 Other nasal sinusotomy

- 22.50 Sinusotomy, not otherwise specified
- 22.51 Ethmoidotomy
- 22.52 Sphenoidotomy
- 22.53 Incision of multiple nasal sinuses

## 22.6 Other nasal sinusectomy

Includes: that with incidental turbinectomy

Excludes: biopsy of nasal sinus (22.11-22.12)

- 22.60 Sinusectomy, not otherwise specified
- 22.61 Excision of lesion of maxillary sinus with Caldwell-Luc approach
- 22.62 Excision of lesion of maxillary sinus with other approach
- 22.63 Ethmoidectomy
- 22.64 Sphenoidectomy

#### 22.7 Repair of nasal sinus

22.71 Closure of nasal sinus fistula

Repair of oro-antral fistula

22.79 Other repair of nasal sinus

Reconstruction of frontonasal duct Repair of bone of accessory sinus

# 22.9 Other operations on nasal sinuses

Exteriorization of maxillary sinus

Fistulization of sinus

Excludes: dilation of frontonasal duct (96.21)

#### 23 Removal and restoration of teeth

## 23.0 Forceps extraction of tooth

- 23.01 Extraction of deciduous tooth
- 23.09 Extraction of other tooth
  Extraction of tooth NOS

#### 23.1 Surgical removal of tooth

- 23.11 Removal of residual root
- 23.19 Other surgical extraction of tooth

**Odontectomy NOS** 

Removal of impacted tooth

Tooth extraction with elevation of mucoperiosteal flap

# 23.2 Restoration of tooth by filling

23.3 Restoration of tooth by inlay

#### 23.4 Other dental restoration

- 23.41 Application of crown
- 23.42 Insertion of fixed bridge
- 23.43 Insertion of removable bridge
- 23.49 Other

# 23.5 Implantation of tooth

# 23.6 Prosthetic dental implant

Endosseous dental implant

## 23.7 Apicoectomy and root canal therapy

- 23.70 Root canal, not otherwise specified
- 23.71 Root canal therapy with irrigation
- 23.72 Root canal therapy with apicoectomy
- 23.73 Apicoectomy

# 24 Other operations on teeth, gums, and alveoli

# 24.0 Incision of gum or alveolar bone

Apical alveolotomy

# 24.1 Diagnostic procedures on teeth, gums, and alveoli

- 24.11 Biopsy of gum
- 24.12 Biopsy of alveolus
- 24.19 Other diagnostic procedures on teeth, gums, and alveoli

Excludes: dental:

examination (89.31) x-rav: full-mouth (87.11)

other (87.12)

microscopic examination of dental specimen (90.81-90.89)

# 24.2 Gingivoplasty

Gingivoplasty with bone or soft tissue graft

# 24.3 Other operations on gum

# 24.31 Excision of lesion or tissue of gum

Excludes: biopsy of gum (24.11) excision of odontogenic lesion (24.4)

- 24.32 Suture of laceration of gum
- 24.39 Other

# 24.4 Excision of dental lesion of jaw

Excision of odontogenic lesion

# 24.5 Alveoloplasty

Alveolectomy (interradicular) (intraseptal) (radical) (simple) (with graft or implant)

Excludes: biopsy of alveolus (24.12) en bloc resection of alveolar process and palate (27.32)

#### 24.6 Exposure of tooth

24.7 Application of orthodontic appliance
Application, insertion, or fitting of:

Excludes: nonorthodontic dental wiring (93.55)

orthodontic obturator orthodontic wiring periodontal splint

arch bars

```
24.8 Other orthodontic operation
        Closure of diastema (alveolar) (dental)
        Occlusal adjustment
        Removal of arch bars
        Repair of dental arch
     Excludes: removal of nonorthodontic wiring (97.33)
24.9 Other dental operations
     24.91 Extension or deepening of buccolabial or lingual sulcus
     24.99 Other
            Excludes: dental:
                      debridement (96.54)
                       examination (89.31)
                       prophylaxis (96.54)
                       scaling and polishing (96.54)
                       wiring (93.55)
                    fitting of dental appliance [denture] (99.97)
                    microscopic examination of dental specimen (90.81-90.89)
                    removal of dental:
                       packing (97.34)
                      prosthesis (97.35)
                       wiring (97.33)
                    replacement of dental packing (97.22)
25 Operations on tongue
25.0 Diagnostic procedures on tongue
     25.01 Closed [needle] biopsy of tongue
     25.02 Open biopsy of tongue
             Wedge biopsy
     25.09 Other diagnostic procedures on tongue
25.1 Excision or destruction of lesion or tissue of tongue
     Excludes: biopsy of tongue (25.01-25.02)
                 frenumectomy:
                   labial (27.41)
                   lingual (25.92)
25.2 Partial glossectomy
25.3 Complete glossectomy
        Glossectomy NOS
     Code also any neck dissection (40.40-40.42)
66
          1 OR procedure
                             Non OR procedure but affects ThaiDRG
```

# 25.4 Radical glossectomy

Code also any:

neck dissection (40.40-40.42) tracheostomy (31.1-31.29)

# 25.5 Repair of tongue and glossoplasty

- 25.51 Suture of laceration of tongue
- 25.59 Other repair and plastic operations on tongue

Fascial sling of tongue Fusion of tongue (to lip)

Graft of mucosa or skin to tongue

Excludes: lysis of adhesions of tongue (25.93)

## 25.9 Other operations on tongue

25.91 Lingual frenotomy

Excludes: labial frenotomy (27.91)

25.92 Lingual frenectomy

Excludes: labial frenectomy (27.41)

- 25.93 Lysis of adhesions of tongue
- 25.94 Other glossotomy
- 25.99 Other

# 26 Operations on salivary glands and ducts

Includes: operations on:

lesser salivary gland and duct parotid gland and duct sublingual gland and duct submaxillary gland and duct

Code also any neck dissection (40.40-40.42)

#### 26.0 Incision of salivary gland or duct

#### 26.1 Diagnostic procedures on salivary glands and ducts

- 26.11 Closed [needle] biopsy of salivary gland or duct
- 26.12 Open biopsy of salivary gland or duct
- 26.19 Other diagnostic procedures on salivary glands and ducts

Excludes: x-ray of salivary gland (87.09)

# 26.2 Excision of lesion of salivary gland

- 26.21 Marsupialization of salivary gland cyst
- 26.29 Other excision of salivary gland lesion

Excludes: biopsy of salivary gland (26.11-26.12) salivary fistulectomy (26.42)

## 26.3 Sialoadenectomy

- 26.30 Sialoadenectomy, not otherwise specified
- 26.31 Partial sialoadenectomy
- 26.32 Complete sialoadenectomy

En bloc excision of salivary gland lesion Radical sialoadenectomy

#### 26.4 Repair of salivary gland or duct

- 26.41 Suture of laceration of salivary gland
- 26.42 Closure of salivary fistula
- 26.49 Other repair and plastic operations on salivary gland or duct

Fistulization of salivary gland

Plastic repair of salivary gland or duct NOS Transplantation of salivary duct opening

# 26.9 Other operations on salivary gland or duct

26.91 Probing of salivary duct

26.99 Other

# 27 Other operations on mouth and face

Includes: operations on:

lips

soft tissue of face and mouth, except tongue and gingiva

Excludes: operations on:

*ainaiva* (24.0-24.99) tonque (25.01-25.99)

# 27.0 Drainage of face and floor of mouth

Drainage of:

facial region (abscess)

fascial compartment of face

Ludwig's angina

Excludes: drainage of thyroglossal tract (06.09)

#### 27.1 Incision of palate

#### 27.2 Diagnostic procedures on oral cavity

27.21 Biopsy of bony palate

27.22 Biopsy of uvula and soft palate

27.23 Biopsy of lip

27.24 Biopsy of mouth, unspecified structure

27.29 Other diagnostic procedures on oral cavity

Excludes: soft tissue x-ray (87.09)

## 27.3 Excision of lesion or tissue of bony palate

27.31 Local excision or destruction of lesion or tissue of bony palate

Local excision or destruction of palate by:

cautery chemotherapy crvotherapy

Excludes: biopsy of bony palate (27.21)

27.32 Wide excision or destruction of lesion or tissue of bony palate En bloc resection of alveolar process and palate

#### 27.4 Excision of other parts of mouth

27.41 Labial frenectomy

Excludes: division of labial frenum (27.91)

- 27.42 Wide excision of lesion of lip
- 27.43 Other excision of lesion or tissue of lip
- 27.49 Other excision of mouth

```
Excludes: biopsy of mouth NOS (27.24)
         excision of lesion of:
           palate (27.31-27.32)
           tonaue (25.1)
           uvula (27.72)
         fistulectomy of mouth (27.53)
         frenectomy of:
           lip (27.41)
           tongue (25.92)
```

#### 27.5 Plastic repair of lip and mouth

Excludes: palatoplasty (27.61-27.69)

- 27.51 Suture of laceration of lip
- 27.52 Suture of laceration of other part of mouth
- 27.53 Closure of fistula of mouth

Excludes: fistulectomy: nasolabial (21.82) oro-antral (22.71) oronasal (21.82)

- 27.54 Repair of cleft lip
- 27.55 Full-thickness skin graft to lip and mouth
- 27.56 Other skin graft to lip and mouth
- 27.57 Attachment of pedicle or flap graft to lip and mouth
- 27.59 Other plastic repair of mouth

#### 27.6 Palatoplasty

- 27.61 Suture of laceration of palate
- 27.62 Correction of cleft palate Correction of cleft palate by push-back operation

Excludes: revision of cleft palate repair (27.63)



```
27.63 Revision of cleft palate repair
              Secondary:
                attachment of pharyngeal flap
                lengthening of palate
     27.64 Insertion of palatal implant
     27.69 Other plastic repair of palate
            Code also any insertion of palatal implant (27.64)
            Excludes: fistulectomy of mouth (27.53)
27.7 Operations on uvula
     27.71 Incision of uvula
     27.72 Excision of uvula
            Excludes: biopsy of uvula (27.22)
     27.73 Repair of uvula
            Excludes: that with synchronous cleft palate repair (27.62)
                     uranostaphylorrhaphy (27.62)
     27.79 Other operations on uvula
27.9 Other operations on mouth and face
     27.91 Labial frenotomy
              Division of labial frenum
            Excludes: lingual frenotomy (25.91)
     27.92 Incision of mouth, unspecified structure
            Excludes: incision of:
                        gum (24.0)
                        palate (27.1)
                        salivary gland or duct (26.0)
                        tongue (25.94)
                        uvula (27.71)
     27.99 Other operations on oral cavity
              Graft of buccal sulcus
            Excludes: removal of:
                        intraluminal foreign body (98.01)
                        penetrating foreign body from mouth without incision
                            (98.22)
```

# 28 Operations on tonsils and adenoids

# 28.0 Incision and drainage of tonsil and peritonsillar structures

Drainage (oral) (transcervical) of: parapharyngeal abscess peritonsillar abscess retropharyngeal abscess tonsillar abscess

## 28.1 Diagnostic procedures on tonsils and adenoids

- 28.11 Biopsy of tonsils and adenoids
- 28.19 Other diagnostic procedures on tonsils and adenoids

Excludes: soft tissue x-ray (87.09)

- 28.2 Tonsillectomy without adenoidectomy
- 28.3 Tonsillectomy with adenoidectomy
- 28.4 Excision of tonsil tag
- 28.5 Excision of lingual tonsil
- 28.6 Adenoidectomy without tonsillectomy Excision of adenoid tag
- 28.7 Control of hemorrhage after tonsillectomy and adenoidectomy
- 28.9 Other operations on tonsils and adenoids
  - 28.91 Removal of foreign body from tonsil and adenoid by incision

Excludes: that without incision (98 13)

28.92 Excision of lesion of tonsil and adenoid

Excludes: biopsy of tonsil and adenoid (28.11)

28.99 Other

# 29 Operations on pharynx

Includes: operations on: hypopharynx nasopharynx oropharvnx pharyngeal pouch pyriform sinus

## 29.0 Pharyngotomy

Drainage of pharyngeal bursa

Excludes: incision and drainage of retropharyngeal abscess (28.0) removal of foreign body (without incision) (98.13)

# 29.1 Diagnostic procedures on pharynx

29.11 Pharyngoscopy

## 29.12 Pharyngeal biopsy Biopsy of supraglottic mass





29.1	9 Other diagnostic procedures on pharynx
	Excludes: x-ray of nasopharynx:
	contrast <u>(87.06)</u>
	other <u>(87.09)</u>
29.2 Exc	cision of branchial cleft cyst or vestige
Excl	u <mark>d</mark> es: branchial cleft fistulectomy <u>(29.52)</u>
29.3 Exc	cision or destruction of lesion or tissue of pharynx
29.3	1 Cricopharyngeal myotomy
	Excludes: that with pharyngeal diverticulectomy (29.32)
29.3	2 Pharyngeal diverticulectomy
29.3	3 Pharyngectomy (partial)
	Excludes: laryngopharyngectomy (30.3)
29.3	9 Other excision or destruction of lesion or tissue of pharynx
	stic operation on pharynx
(	Correction of nasopharyngeal atresia
Excl	udes: pharyngoplasty associated with cleft palate repair <u>(27.62-27.63)</u>
29.5 Otl	ner repair of pharynx
29.5	1 Suture of laceration of pharynx
29.5	2 Closure of branchial cleft fistula
29.5	3 Closure of other fistula of pharynx Pharyngoesophageal fistulectomy
29.5	4 Lysis of pharyngeal adhesions
29.5	9 Other
29.9 Ot	ner operations on pharynx
29.9	1 Dilation of pharynx Dilation of nasopharynx
29.9	2 Division of glossopharyngeal nerve
29.9	9 Other

Excludes: insertion of radium into pharynx and nasopharynx (92.27) removal of intraluminal foreign body (98.13)

#### 6. OPERATIONS ON THE RESPIRATORY SYSTEM (30-34)

### 30 Excision of larynx

### 30.0 Excision or destruction of lesion or tissue of larynx

30.01 Marsupialization of laryngeal cyst

### 30.09 Other excision or destruction of lesion or tissue of larynx

Stripping of vocal cords

Excludes: biopsy of larynx (31.43)

*laryngeal fistulectomy* (31.62)

laryngotracheal fistulectomy (31.62)

### 30.1 Hemilaryngectomy

### 30.2 Other partial laryngectomy

30.21 Epiglottidectomy

30.22 Vocal cordectomy

Excision of vocal cords

### 30.29 Other partial laryngectomy

Excision of laryngeal cartilage

### 30.3 Complete laryngectomy

Block dissection of larynx (with thyroidectomy) (with synchronous tracheostomy)

Laryngopharyngectomy

Excludes: that with radical neck dissection (30.4)

#### 30.4 Radical laryngectomy

Complete [total] laryngectomy with radical neck dissection (with thyroidectomy) (with synchronous tracheostomy)

### 31 Other operations on larynx and trachea

### 31.0 Injection of larynx

Injection of inert material into larynx or vocal cords

### 31.1 Temporary tracheostomy

Tracheotomy for assistance in breathing

Temporary percutaneous dilatational tracheostomy [PDT]

Code also any synchronous bronchoscopy, if performed (33.21 -33.24, 33.27)

### 31.2 Permanent tracheostomy

#### 31.21 Mediastinal tracheostomy

### 31.29 Other permanent tracheostomy

Permanent percutaneous dilatational tracheostomy [PDT]

Code also any synchronous bronchoscopy, if performed

(33.21 - 33.24, 33.27)

Excludes: that with laryngectomy (30.3-30.4)

### 31.3 Other incision of larynx or trachea Excludes: that for assistance in breathing (31.1-31.29) 31.4 Diagnostic procedures on larynx and trachea 31.41 Tracheoscopy through artificial stoma Excludes: that with biopsy (31.43-31.44) 31.42 Laryngoscopy and other tracheoscopy Excludes: that with biopsy (31.43-31.44) 31.43 Closed [endoscopic] biopsy of larynx 31.44 Closed [endoscopic] biopsy of trachea 31.45 Open biopsy of larynx or trachea 31.48 Other diagnostic procedures on larynx Excludes: contrast laryngogram (87.07) microscopic examination of specimen from larynx (90.31-90.39)soft tissue x-ray of larvnx NEC (87.09) 31.49 Other diagnostic procedures on trachea Excludes: microscopic examination of specimen from trachea (90.41-90.49)x-ray of trachea (87.49) 31.5 Local excision or destruction of lesion or tissue of trachea Excludes: biopsy of trachea (31.44-31.45) *laryngotracheal fistulectomy (31.62)* tracheoesophageal fistulectomy (31.73) 31.6 Repair of larynx 31.61 Suture of laceration of larynx 31.62 Closure of fistula of larvnx Larvngotracheal fistulectomy Take-down of laryngostomy 31.63 Revision of larvngostomy 31.64 Repair of laryngeal fracture 31.69 Other repair of larynx Arytenoidopexy Graft of larynx Transposition of vocal cords Excludes: construction of artificial larynx (31.75) 31.7 Repair and plastic operations on trachea 31.71 Suture of laceration of trachea 31.72 Closure of external fistula of trachea Closure of tracheotomy 31.73 Closure of other fistula of trachea Tracheoesophageal fistulectomy Excludes: laryngotracheal fistulectomy (31.62)

OR procedure | Non OR procedure but affects ThaiDRG

31.74 Revision of tracheoston	ny
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- 31.75 Reconstruction of trachea and construction of artificial larvnx Tracheoplasty with artificial larynx
- 31.79 Other repair and plastic operations on trachea

### 31.9 Other operations on larynx and trachea

- 31.91 Division of larvngeal nerve
- 31.92 Lysis of adhesions of trachea or larynx
- 31.93 Replacement of larvngeal or tracheal stent
- 31.94 Injection of locally-acting therapeutic substance into trachea
- 31.95 Tracheoesophageal fistulization

### 31.98 Other operations on larynx

Dilation of larvnx

Division of congenital web of larvnx Removal of keel or stent of larynx

Excludes: removal of intraluminal foreign body from larynx without incision (98.14)

### 31.99 Other operations on trachea

Excludes: removal of:

intraluminal foreign body from trachea without incision

tracheostomy tube (97.37)

replacement of tracheostomy tube (97.23)

tracheostomy toilette (96.55)

### 32 Excision of lung and bronchus

Includes: rib resection as operative approach sternotomy as operative approach

sternum-splitting incision as operative approach

thoracotomy as operative approach

Code also any synchronous bronchoplasty (33.48)

#### 32.0 Local excision or destruction of lesion or tissue of bronchus

Excludes: biopsy of bronchus (33.24-33.25) bronchial fistulectomy (33.42)

32.01 Endoscopic excision or destruction of lesion or tissue of bronchus

32.09 Other local excision or destruction of lesion or tissue of bronchus

Excludes: that by endoscopic approach (32.01)

#### 32.1 Other excision of bronchus

Resection (wide sleeve) of bronchus

Excludes: radical dissection [excision] of bronchus (32.6)

### 32.2 Local excision or destruction of lesion or tissue of lung

### 32.20 Thoracoscopic excision of lesion or tissue of lung Thoracoscopic wedge resection

32.21 Plication of emphysematous bleb

New code Revised code 4th digit required

32.22 Lung volume reduction surgery

```
32.23 Open ablation of lung lesion or tissue
     32.24 Percutaneous ablation of lung lesion or tissue
     32.25 Thoracoscopic ablation of lung lesion or tissue
            Excludes: thoracoscopic excision of lesion or tissue of lung (32.20)
     32.26 Other and unspecified ablation of lung lesion or tissue
            Excludes: bronchoscopic bronchial thermoplasty, ablation
                      of smooth airway muscle (32.27)
     32.27 Bronchoscopic bronchial thermoplasty, ablation of airway smooth
             muscle 🎏
     32.28 Endoscopic excision or destruction of lesion or tissue of lung
            Excludes: ablation of lung lesion or tissue:
                        open (32.23)
                        other (32.26)
                        percutaneous (32.24)
                        thoracoscopic (32.25)
                     biopsy of lung (33.26-33.27)
     32.29 Other local excision or destruction of lesion or tissue of lung
             Resection of lung:
               NOS
                wedge
            Excludes: ablation of lung lesion or tissue:
                        open <u>(32.23)</u>
                        other (32.26)
                        percutaneous (32.24)
                        thoracoscopic (32.25)
                     biopsy of lung (33.26-33.27)
                     that by endoscopic approach (32.28)
                     thoracoscopic excision of lesion or tissue of lung (32.20)
                     wide excision of lesion of lung (32.3)
32.3 Segmental resection of lung
       Partial lobectomy
     32.30 Thoracoscopic segmental resection of lung
     32.39 Other and unspecified segmental resection of lung
            Excludes: thoracoscopic segmental resection of lung (32.30)
32.4 Lobectomy of lung
       Lobectomy with segmental resection of adjacent lobes of lung
       Excludes: that with radical dissection [excision] of thoracic structures (32.6)
     32.41 Thoracoscopic lobectomy of lung
     32.49 Other lobectomy of lung
            Excludes: thoracoscopic lobectomy of lung (32.41)
32.5 Pneumonectomy
       Excision of luna NOS
       Pneumonectomy (with mediastinal dissection)
76
           OR procedure
                                 Non OR procedure but affects ThaiDRG
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### 32.50 Thoracoscopic pneumonectomy

### 32.59 Other and unspecified pneumonectomy

Excludes: thoracoscopic pneumonectomy (32.50)

#### 32.6 Radical dissection of thoracic structures

Block [en bloc] dissection of bronchus, lobe of lung, brachial plexus, intercostal structure, ribs (transverse process), and sympathetic nerves

### 32.9 Other excision of lung

Excludes: biopsy of lung and bronchus (33.24-33.27) pulmonary decortication (34.51)

### 33 Other operations on lung and bronchus

Includes: rib resection as operative approach sternotomy as operative approach sternum-splitting incision as operative approach thoracotomy as operative approach

### 33.0 Incision of bronchus

### 33.1 Incision of lung

Excludes: puncture of lung (33.93)

### 33.2 Diagnostic procedures on lung and bronchus

### 33.20 Thoracoscopic lung biopsy

Excludes: closed endoscopic biopsy of lung (33.27) closed [percutaneous] [needle] biopsy of lung (33.26)

open biopsy of lung (33.28)

### 33.21 Bronchoscopy through artificial stoma

Excludes: that with biopsy (33.24,33.27)

### 33.22 Fiber-optic bronchoscopy

Excludes: that with biopsy (33.24.33.27)

#### 33.23 Other bronchoscopy

Excludes: that for:

aspiration (96.05)biopsy (33.24,33.27)

### 33.24 Closed [endoscopic] biopsy of bronchus

Bronchoscopy (fiberoptic) (rigid) with:

brush biopsy of "lung"

brushing or washing for specimen collection

excision (bite) biopsy

Diagnostic bronchoalveolar lavage (BAL)

Mini-bronchoalveolar lavage [mini-BAL]

Transbronchoscopic needle aspiration [TBNA] of bronchus Excludes: closed biopsy of lung, other than brush biopsy of "lung"

(33.26, 33.27)

whole lung lavage (33.99)

### 33.25 Open biopsy of bronchus

Excludes: open biopsy of lung (33.28)

```
33.26 Closed [percutaneous] [needle] biopsy of lung
             Fine needle aspiration (FNA) of lung
             Transthoracic needle biopsy of lung (TTNB)
            Excludes: endoscopic biopsy of lung (33.27)
                      thoracoscopic lung biopsy (33.20)
     33.27 Closed endoscopic biopsy of lung
             Fiber-optic (flexible) bronchoscopy with fluoroscopic guidance with
               biopsy
             Transbronchial lung biopsy
             Transbronchoscopic needle aspiration [TBNA] of lung
            Excludes: brush biopsy of "lung" (33.24)
                     percutaneous biopsy of lung (33.26)
                     thoracoscopic lung biopsy (33.20)
     33.28 Open biopsy of lung
     33.29 Other diagnostic procedures on lung and bronchus
            Excludes: bronchoalveolar lavage [BAL] (33.24)
                     contrast bronchogram:
                       endotracheal (87.31)
                       other (87.32)
                     endoscopic pulmonary airway flow measurement (33.72)
                     laser interstitial thermal therapy [LITT] of lesion or tissue of
                       lung under quidance (17.69)
                     lung scan (92.15)
                     magnetic resonance imaging (88.92)
                     microscopic examination of specimen from bronchus or
                       lung (90.41-90.49)
                     routine chest x-ray (87.44)
                     ultrasonography of lung (88.73)
                     vital capacity determination (89.37)
                     x-ray of bronchus or lung NOS (87.49)
33.3 Surgical collapse of lung
     33.31 Destruction of phrenic nerve for collapse of lung
     33.32 Artificial pneumothorax for collapse of lung
             Thoracotomy for collapse of lung
     33.33 Pneumoperitoneum for collapse of lung
     33.34 Thoracoplasty
     33.39 Other surgical collapse of lung
             Collapse of lung NOS
33.4 Repair and plastic operation on lung and bronchus
     33.41 Suture of Jaceration of bronchus
     33.42 Closure of bronchial fistula
             Closure of bronchostomy
             Fistulectomy:
               bronchocutaneous
               bronchoesophageal
               bronchovisceral
            Excludes: closure of fistula:
                       bronchomediastinal (34.73)
```

bronchopleural (34.73) bronchopleuromediastinal (34.73)

- 33.43 Closure of laceration of lung
- 33.48 Other repair and plastic operations on bronchus
- 33.49 Other repair and plastic operations on lung

Excludes: closure of pleural fistula (34.73)

### 33.5 Lung transplant

Note: To report donor source -- see codes 00.91-00.93 Excludes: combined heart-lung transplantation (33.6)

Code also cardiopulmonary bypass [extracorporeal circulation]

[heart-lung machine] (39.61)

- 33.50 Lung transplantation, not otherwise specified
- 33.51 Unilateral lung transplantation
- 33.52 Bilateral lung transplantation

Double-lung transplantation En bloc transplantation

Code also cardiopulmonary bypass [extracorporeal circulation] [heart-lung machine] (39.61)

### 33.6 Combined heart-lung transplantation

Note: To report donor source -- see codes 00.91-00.93

Code also cardiopulmonary bypass [extracorporeal circulation] [heart-lung machine] (39.61)

### 33.7 Other endoscopic procedures in bronchus or lung

Excludes: insertion of tracheobronchial stent (96.05)

33.71 Endoscopic insertion or replacement of bronchial valve(s), single lobe ®

> Endobronchial airflow redirection valve Intrabronchial airflow redirection valve

Excludes: endoscopic insertion or replacement of bronchial valve(s), multiple lobes (33.73)

### 33.72 Endoscopic pulmonary airway flow measurement

Assessment of pulmonary airway flow

Code also any diagnostic or therapeutic procedure if performed

33.73 Endoscopic insertion or replacement of bronchial valve(s), multiple lobes

Endobronchial airflow redirection valve Intrabronchial airflow redirection valve

Excludes: endoscopic insertion or replacement of bronchial valve(s), single lobe (33.71)

- 33.78 Endoscopic removal of bronchial device(s) or substances
- 33.79 Endoscopic insertion of other bronchial device or substances Biologic Lung Volume Reduction NOS (BLVR)

### 33.9 Other operations on lung and bronchus 33.91 Bronchial dilation 33.92 Ligation of bronchus 33.93 Puncture of lung Excludes: needle biopsy (33.26) 33.98 Other operations on bronchus Excludes: bronchial lavage (96.56) removal of intraluminal foreign body from bronchus without incision (98.15) 33.99 Other operations on lung Whole lung lavage Excludes: other continuous mechanical ventilation (96.70-96.72) respiratory therapy (93.90-93.99) 34 Operations on chest wall, pleura, mediastinum, and diaphragm Excludes: operations on breast (85.0-85.99) 34.0 Incision of chest wall and pleura Excludes: that as operative approach -- omit code 34.01 Incision of chest wall Extrapleural drainage Excludes: incision of pleura (34.09) 34.02 Exploratory thoracotomy 34.03 Reopening of recent thoracotomy site 34.04 Insertion of intercostal catheter for drainage Chest tube Closed chest drainage Revision of intercostal catheter (chest tube) (with lysis of adhesions) Excludes: thoracoscopic drainage of pleural cavity (34.06) 34.05 Creation of pleuroperitoneal shunt 34.06 Thoracoscopic drainage of pleural cavity Evacuation of empyema 34.09 Other incision of pleura Creation of pleural window for drainage Intercostal stab Open chest drainage Excludes: thoracoscopy (34.21) thoracotomy for collapse of lung (33.32)

34.1 Incision of mediastinum

Code also any biopsy, if performed Excludes: mediastinoscopy (34.22)

mediastinotomy associated with pneumonectomy (32.5)

```
34.2 Diagnostic procedures on chest wall, pleura, mediastinum, and
     diaphragm
     34.20 Thoracoscopic pleural biopsy
     34.21 Transpleural thoracoscopy
     34.22 Mediastinoscopy
            Code also any biopsy, if performed
     34.23 Biopsy of chest wall
     34.24 Other pleural biopsy
            Excludes: thoracoscopic pleural biopsy (34,20)
     34.25 Closed [percutaneous] [needle] biopsy of mediastinum
     34.26 Open mediastinal biopsy
     34.27 Biopsy of diaphragm
     34.28 Other diagnostic procedures on chest wall, pleura, and diaphragm
            Excludes: angiocardiography (88.50-88.58)
                     aortography (88.42)
                     arteriography of:
                       intrathoracic vessels NEC (88.44)
                       pulmonary arteries (88.43)
                        microscopic examination of specimen from chest wall,
                               pleura, and diaphraam (90,41-90,49)
                     phlebography of:
                       intrathoracic vessels NEC (88.63)
                       pulmonary veins (88.62)
                     radiological examinations of thorax:
                       C.A.T. scan (87.41)
                       diaphragmatic x-ray (87.49)
                       intrathoracic lymphangiogram (87.34)
                       routine chest x-ray (87.44)
                       sinogram of chest wall (87.38)
                       soft tissue x-ray of chest wall NEC (87.39)
                       tomogram of thorax NEC (87.42)
                       ultrasonography of thorax (88.73)
     34.29 Other diagnostic procedures on mediastinum
            Excludes: mediastinal:
                       pneumogram (87.33)
                       x-rav NEC (87.49)
34.3 Excision or destruction of lesion or tissue of mediastinum
     Excludes: biopsy of mediastinum (34.25-34.26)
               mediastinal fistulectomy (34.73)
34.4 Excision or destruction of lesion of chest wall
        Excision of lesion of chest wall NOS (with excision of ribs)
     Excludes: biopsy of chest wall (34.23)
               costectomy not incidental to thoracic procedure (77.91)
               excision of lesion of:
                 breast (85.20-85.25)
                 cartilage (80.89)
                 skin (86.2-86.3)
```

fistulectomy (34.73)

34.5	Pleur	rectomy				
	34.51	Decortication of lung ®				
		Excludes: thoracoscopic decortication of lung (34.52)				
	34.52 Thoracoscopic decortication of lung					
		1.59 Other excision of pleura				
		Excision of pleural lesion				
		Excludes: biopsy of pleura (34.24) pleural fistulectomy (34.73)				
34.6		fication of pleura urosclerosis				
	Exclud	es: injection of sclerosing agent <u>(34.92)</u>				
34.7	Repa	ir of chest wall				
	34.71	Suture of laceration of chest wall				
		Excludes: suture of skin and subcutaneous tissue alone (86.59)				
	34.72	Closure of thoracostomy				
	34.73	Closure of other fistula of thorax				
		Closure of: bronchopleural fistula				
		bronchopleurocutaneous fistula				
		bronchopleuromediastinal fistula				
	34.74	Repair of pectus deformity				
		Repair of:				
		pectus carinatum (with implant) pectus excavatum (with implant)				
	34.79	Other repair of chest wall				
		Repair of chest wall NOS				
34.8	Oper	ations on diaphragm				
	34.81	Excision of lesion or tissue of diaphragm				
		Excludes: biopsy of diaphragm (34.27)				
	34.82	Suture of laceration of diaphragm				
	34.83	Closure of fistula of diaphragm				
		Thoracicoabdominal fistulectomy Thoracicogastric fistulectomy				
		Thoracicointestinal fistulectomy				
	34.84	Other repair of diaphragm				
		Excludes: repair of diaphragmatic hernia (53.7-53.82)				
	34.85	Implantation of diaphragmatic pacemaker				
	34.89	Other operations on diaphragm				
34.9	Othe	r operations on thorax				
	34.91	Thoracentesis				
	34.92	Injection into thoracic cavity				
		Chemical pleurodesis Injection of cytotoxic agent or tetracycline				
0.5						
82	1 .1	OR procedure Non OR procedure but affects ThaiDRG				

#### OPERATIONS ON THE RESPIRATORY SYSTEM (30-34)

Instillation into thoracic cavity Requires additional code for any cancer chemotherapeutic substance (99.25)

Excludes: that for collapse of lung (33.32)

34.93 Repair of pleura

34.99 Other

Excludes: removal of:

mediastinal drain (97.42)

sutures (97.43)

thoracotomy tube (97.41)

#### 7. OPERATIONS ON THE CARDIOVASCULAR SYSTEM (35-39)

### 35 Operations on valves and septa of heart

Includes: sternotomy (median) (transverse) as operative approach thoracotomy as operative approach

Code also any cardiopulmonary bypass [extracorporeal circulation] [heart-lung machine] (39.61)

### 35.0 Closed heart valvotomy or transcatheter replacement of heart valve

Excludes: percutaneous (balloon) valvuloplasty (35.96)

35.00 Closed heart valvotomy, unspecified valve

35.01 Closed heart valvotomy, aortic valve

35.02 Closed heart valvotomy, mitral valve

35.03 Closed heart valvotomy, pulmonary valve

35.04 Closed heart valvotomy, tricuspid valve

### 35.05 Endovascular replacement of aortic valve 🎏

Note: Includes that with any balloon valvuloplasty; do not code separately

Implantation of transcatheter aortic valve

Replacement of a ortic valve with tissue graft (autograft)

(bioprosthetic) (heterograft) (homograft):

transarterial approach

transfemoral approach

TAVI (transcatheter aortic valve implantation)

TAVR (transcatheter aortic valve replacement)

Excludes: open and other replacement of heart valve (35.20-35.28)

#### 35.06 Transapical replacement of aortic valve 🎏

Note: Includes that with any balloon valvuloplasty: do not code separately

Implantation of transcatheter aortic valve

Replacement of a ortic valve with tissue graft (autograft)

(bioprosthetic) (heterograft) (homograft):

intercostal approach

transventricular approach

That via transthoracic exposure, i.e. thoracotomy, sternotomy, or

subxiphoid approach

Excludes: open and other replacement of heart valve (35.20-35.28)

### 35.07 Endovascular replacement of pulmonary valve 🗱

Note: Includes that with any balloon valvuloplasty; do not code separately

Implantation of transcatheter pulmonary valve

PPVI (percutaneous pulmonary valve implantation)

Replacement of pulmonary valve:

transfemoral approach

transvenous approach

That within previously created right ventricle-to pulmonary artery conduit

84 OR procedure Non OR procedure but affects ThaiD
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TPVI (transcatheter pulmonary valve implantation) Excludes: open and other replacement of heart valve (35.20-35.28) 35.08 Transapical replacement of pulmonary valve 🗱 Note: Includes that with any balloon valvuloplasty: do not code separately Implantation of transcatheter pulmonary valve

Replacement of pulmonary valve:

intercostal approach

transventricular approach

That via transthoracic exposure, i.e. thoracotomy, sternotomy, or subxiphoid approach

Excludes: open and other replacement of heart valve (35.20-35.28)

### 35.09 Endovascular replacement of unspecified heart valve ##

Note: Includes that with any balloon valvuloplasty; do not code separately

Replacement of valve via:

intercostal approach

transventricular approach

**Excludes:** open and other replacement of heart valve (35.20-35.28)

### 35.1 Open heart valvuloplasty without replacement

Includes: open heart valvotomy

Excludes: that associated with repair of:

endocardial cushion defect (35.54, 35.63, 35.73)

valvular defect associated with atrial and ventricular septal

defects (35.54, 35.63, 35.73)

percutaneous (balloon) valvuloplasty (35.96)

Code also cardiopulmonary bypass if performed [extracorporeal circulation] [heart-lung machine] (39.61)

- 35.10 Open heart valvuloplasty without replacement, unspecified valve
- 35.11 Open heart valvuloplasty of aortic valve without replacement
- 35.12 Open heart valvuloplasty of mitral valve without replacement
- 35.13 Open heart valvuloplasty of pulmonary valve without replacement
- 35.14 Open heart valvuloplasty of tricuspid valve without replacement

### 35.2 Open and other replacement of heart valve

Includes: excision of heart valve with replacement

Code also cardiopulmonary bypass [extracorporeal circulation] [heart-lung machine] (39.61)

Excludes: that associated with repair of:

endocardial cushion defect (35.54, 35.63, 35.73)

valvular defect associated with atrial and ventricular septal

defects (35.54, 35.63, 35.73)

transapical replacement of heart valve (35.06, 35.08)

transcatheter replacement of heart valve (35.05, 35.07)

### 35.20 Open and other replacement of unspecified heart valve ®

That with tissue graft or prosthetic implant Excludes: endovascular replacement of unspecified heart valve (35.09)

New code Revised code 4th digit required

```
35.21 Open and other replacement of aortic valve with tissue graft ®
        Includes that by:
           autograft
            heterograft
            homograft
        Excludes: endovascular replacement of aortic valve (35.05)
                  transapical replacement of aortic valve (35.06)
35.22 Open and other replacement of aortic valve ®
        Replacement of aortic valve, NOS
        That with prosthetic (partial) (synthetic) (total)
       Excludes: endovascular replacement of aortic valve (35.05)
                 transapical replacement of aortic valve (35.06)
35.23 Open and other replacement of mitral valve with tissue graft ®
       Includes that by:
            autograft
            heterograft
            homograft
35.24 Open and other replacement of mitral valve ®
        Replacement of mitral valve, NOS
        That with prosthetic (partial) (synthetic) (total)
       Excludes: percutaneous repair with implant or leaflet clip (35.97)
35.25 Open and other replacement of pulmonary valve with tissue
       graft (R)
        Includes that by:
            autograft
            heterograft
            homograft
        Excludes: endovascular replacement of pulmonary valve (35.07)
                  transapical replacement of pulmonary valve (35.08)
35.26 Open and other replacement of pulmonary valve ®
        Replacement of pulmonary valve, NOS
        That with prosthetic (partial) (synthetic) (total)
       Excludes: endovascular replacement of pulmonary valve (35.07)
                 transapical replacement of pulmonary valve (35.08)
35.27 Open and other replacement of tricuspid valve with tissue graft ®
        Includes that by:
            autograft
            heterograft
            homograft
35.28 Open and other replacement of tricuspid valve ®
        Replacement of tricuspid valve, NOS
        That with prosthetic (partial) (synthetic) (total)
```

### 35.3 Operations on structures adjacent to heart valves

Code also cardiopulmonary bypass [extracorporeal circulation] [heart-lung machine] (39.61)

### 35.31 Operations on papillary muscle

Division of papillary muscle Reattachment of papillary muscle Repair of papillary muscle

#### 35.32 Operations on chordae tendineae

Division of chordae tendineae Repair of chordae tendineae

### 35.33 Annuloplasty

Plication of annulus

### 35.34 Infundibulectomy

Right ventricular infundibulectomy

### 35.35 Operations on trabeculae carneae cordis

Division of trabeculae carneae cordis Excision of trabeculae carneae cordis Excision of aortic subvalvular ring

### 35.39 Operations on other structures adjacent to valves of heart

Repair of sinus of Valsalva (aneurysm)

### 35.4 Production of septal defect in heart

### 35.41 Enlargement of existing atrial septal defect

Rashkind procedure Septostomy (atrial) (balloon)

#### 35.42 Creation of septal defect in heart

Blalock-Hanlon operation

### 35.5 Repair of atrial and ventricular septa with prosthesis

Includes: repair of septa with synthetic implant or patch

Code also cardiopulmonary bypass [extracorporeal circulation] [heart-lung machine] (39.61)

### 35.50 Repair of unspecified septal defect of heart with prosthesis

Excludes: that associated with repair of: endocardial cushion defect (35.54) septal defect associated with valvular defect (35.54)

#### 35.51 Repair of atrial septal defect with prosthesis, open technique

Atrioseptoplasty with prosthesis

Correction of atrial septal defect with prosthesis

foramen ovale (patent)

with prosthesis ostium secundum defect with prosthesis

**Excludes:** that associated with repair of:

atrial septal defect associated with valvular and ventricular septal defects (35.54)

endocardial cushion defect (35.54)

### 35.52 Repair of atrial septal defect with prosthesis, closed technique Insertion of atrial septal umbrella [King-Mills]

### 35.53 Repair of ventricular septal defect with prosthesis, open technique

Correction of ventricular septal defect with prosthesis Repair of supracristal defect with prosthesis

Excludes: that associated with repair of: endocardial cushion defect (35.54)

ventricular defect associated with valvular and atrial

septal defects (35.54)

### 35.54 Repair of endocardial cushion defect with prosthesis

Repair:

atrioventricular canal with prosthesis (grafted to septa) ostium primum defect with prosthesis (grafted to septa) valvular defect associated with atrial and ventricular septal defects with prosthesis (grafted to septa)

**Excludes**: repair of isolated:

atrial septal defect (35.51-35.52) valvular defect (35.20, 35.22, 35.24, 35.26, 35.28) ventricular septal defect (35.53)

### 35.55 Repair of ventricular septal defect with prosthesis, closed technique

### 35.6 Repair of atrial and ventricular septa with tissue graft

Code also cardiopulmonary bypass [extracorporeal circulation] [heart-lung machine (39.61)

### 35.60 Repair of unspecified septal defect of heart with tissue graft

Excludes: that associated with repair of: endocardial cushion defect (35.63) septal defect associated withvalvular defect (35.63)

### 35.61 Repair of atrial septal defect with tissue graft

Atrioseptoplasty with tissue graft Correction of atrial septal defect with tissue graft Repair:

foramen ovale (patent) with tissue graft ostium secundum defect with tissue graft

Excludes: that associated with repair of:

atrial septal defect associated with valvular and ventricular septal defects (35.63)

endocardial cushion defect (35.63)

### 35.62 Repair of ventricular septal defect with tissue graft

Correction of ventricular septal defect with tissue graft Repair of supracristal defect with tissue graft

Excludes: that associated with repair of: endocardial cushion defect(35.63)

ventricular defect associate with valvular and atrial septal defects (35.63)

### 35.63 Repair of endocardial cushion defect with tissue graft

Repair of:

atrioventricular canal with tissue graft

ostium primum defect with tissue graft valvular defect associated with atrial and ventricular septal defects with tissue graft

Excludes: repair of isolated:

atrial septal defect (35.61)

valvular defect (35.20-35.21, 35.23, 35.25, 35.27)

ventricular septal defect (35.62)

### 35.7 Other and unspecified repair of atrial and ventricular septa

Code also cardiopulmonary bypass [extracorporeal circulation] [heart-lung machine] (39.61)

### 35.70 Other and unspecified repair of unspecified septal defect of heart Repair of septal defect NOS

Excludes: that associated with repair of:

endocardial cushion defect (35.73) septal defect associated wit valvular defect (35.73)

### 35.71 Other and unspecified repair of atrial septal defect

Repair NOS:

atrial septum

foramen ovale (patent) ostium secundum defect

Excludes: that associated with repair of:

atrial septal defect associated with valvular ventricular

septal defects (35.73)

endocardial cushion defect (35.73)

### 35.72 Other and unspecified repair of ventricular septal defect

Repair NOS:

supracristal defect ventricular septum

Excludes: that associated with repair of:

endocardial cushion defect (35.73)

ventricular septal defect associated with valvular and atrial

septal defects (35.73)

### 35.73 Other and unspecified repair of endocardial cushion defect

Repair NOS:

atrioventricular canal ostium primum defect

valvular defect associated with atrial and ventricular septal defects

Excludes: repair of isolated:

atrial septal defect (35.71)

valvular defect (35.20, 35.22, 35.24, 35.26, 35.28)

ventricular septal defect (35.72)

### 35.8 Total repair of certain congenital cardiac anomalies

Note: For partial repair of defect [e.g. repair of atrial septal defect in tetralogy of Fallot] -- code to specific procedure

#### 35.81 Total repair of tetralogy of Fallot

One-stage total correction of tetralogy of Fallot with or without: commissurotomy of pulmonary valve infundibulectomy



outflow tract prosthesis patch graft of outflow tract prosthetic tube for pulmonary artery repair of ventricular septal defect (with prosthesis) take-down of previous systemic-pulmonary artery anastomosis

### 35.82 Total repair of total anomalous pulmonary venous connection

One-stage total correction of total anomalous pulmonary venous connection with or without:

anastomosis between (horizontal) common pulmonary trunk and posterior wall of left atrium (side-to-side)

enlargement of foramen ovale

incision [excision] of common wall between posterior left atrium and coronary sinus and roofing of resultant defect with patch graft (synthetic)

ligation of venous connection (descending anomalous vein) (to left innominate vein) (to superior vena cava) repair of atrial septal defect (with prosthesis)

#### 35.83 Total repair of truncus arteriosus

One-stage total correction of truncus arteriosus with or without: construction (with aortic homograft) (with prosthesis) of a pulmonary artery placed from right ventricle to arteries supplying the lung

ligation of connections between aorta and pulmonary artery repair of ventricular septal defect (with prosthesis)

# 35.84 Total correction of transposition of great vessels, not elsewhere classified

Arterial switch operation [latene]

Total correction of transposition of great arteries at the arterial level by switching the great arteries, including the left or both coronary arteries, implanted in the wall of the pulmonary artery

Excludes: baffle operation [Mustard] [Senning] (35.91) creation of shunt between right ventricle and pulmonary artery [Rastelli] (35.92)

### 35.9 Other operations on valves and septa of heart

Code also cardiopulmonary bypass, if performed [extracorporeal circulation] [heart-lung machine] (39.61)

#### 35.91 Interatrial transposition of venous return

Baffle:

atrial

interatrial

Mustard's operation

Resection of atrial septum and insertion of patch to direct systemic venous return to tricuspid valve and pulmonary venousreturn to mitral valve

# 35.92 Creation of conduit between right ventricle and pulmonary artery Creation of shunt between right ventricle and (distal) pulmonary artery Excludes: that associated with total repair of truncus arteriosus (35.83)

#### 35.93 Creation of conduit between left ventricle and aorta

Creation of apicoaortic shunt

Shunt between apex of left ventricle and aorta

90		OR procedure		Non OR	procedure	but affe	cts ThaiDR0
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### 35.94 Creation of conduit between atrium and pulmonary artery Fontan procedure 35.95 Revision of corrective procedure on heart Replacement of prosthetic heart valve poppet Resuture of prosthesis of: septum valve Excludes: complete revision -- code to specific procedure replacement of prosthesis or graft of: septum (35.50-35.63) valve (35.20-35.28) 35.96 Percutaneous balloon valvuloplasty ® Balloon dilation of valve Excludes: endovascular replacement of heart valve (35.05, 35.07) mitral valve repair with implant (35.97) transapical replacement of heart valve (35.06, 35.08) 35.97 Percutaneous mitral valve repair with implant 🎏 Endovascular mitral valve repair Implantation of mitral valve leaflet clip Transcatheter mitral valve repair Code also any transesophageal echocardiography [TEE] (88.72) Excludes: percutaneous balloon valvuloplasty (35.96) 35.98 Other operations on septa of heart 35.99 Other operations on valves of heart 36 Operations on vessels of heart Includes: sternotomy (median) (transverse) as operative approach thoracotomy as operative approach Code also anv: cardiopulmonary bypass, if performed [extracorporeal circulation] [heart-lung machine] (39.61) injection or infusion of platelet inhibitor (99.20) injection or infusion of thrombolytic agent (99.10) 36.0 Removal of coronary artery obstruction and insertion of stent(s) 36.03 Open chest coronary artery angioplasty Coronary (artery): endarterectomy (with patch graft) thromboendarterectomy (with patch graft) Open surgery for direct relief of coronary artery obstruction Excludes: that with coronary artery bypass graft (36.10-36.19) Code also anv: insertion of drug-eluting coronary stent(s) (36.07) insertion of non-drug-eluting coronary stent(s) (36.06)

number of vascular stents inserted (00.45-00.48) number of vessels treated (00.40-00.43) procedure on vessel bifurcation (00.44)

```
36.04 Intracoronary artery thrombolytic infusion
        That by direct coronary artery injection, infusion, or catheterization
           enzyme infusion
           Platelet inhibitor
       Excludes: infusion of platelet inhibitor (99.20)
                infusion of thrombolytic agent (99.10)
                that associated with any procedure in 36.03
36.06 Insertion of non-drug-eluting coronary artery stent(s)
          Bare stent(s)
          Bonded stent(s)
          Drug-coated stent(s), i.e. heparin coated
          Endograft(s)
          Endovascular graft(s)
          Stent grafts
        Code also anv:
          number of vascular stents inserted (00.45-00.48)
          number of vessels treated (00.40-00.43)
          open chest coronary artery angioplasty (36.03)
          percutaneous transluminal coronary angioplasty [PTCA] (00.66)
          procedure on vessel bifurcation (00.44)
          transluminal coronary atherectomy (17.55)
       Excludes: insertion of drug-eluting coronary artery stent(s) (36.07)
36.07 Insertion of drug-eluting coronary artery stent(s)
        Endograft(s)
        Endovascular graft(s)
        Stent graft(s)
        Code also anv:
          number of vascular stents inserted (00.45-00.48)
          number of vessels treated (00.40-00.43)
          open chest coronary artery angioplasty (36.03)
          percutaneous transluminal coronary angioplasty [PTCA] (00.66)
          procedure on vessel bifurcation (00.44)
          transluminal coronary atherectomy (17.55)
       Excludes: drug-coated stents, e.g., heparin coated (36.06)
                 insertion of non-drug-eluting coronary artery stent(s) (36.06)
36.09 Other removal of coronary artery obstruction
        Coronary angioplasty NOS
       Code also any:
          number of vascular stents inserted (00.45-00.48)
          number of vessels treated (00.40-00.43)
          procedure on vessel bifurcation (00.44)
       Excludes: that by open anaioplasty (36.03)
                that by percutaneous transluminal coronary angioplasty
                  [PTCA] (00.66)
                 transluminal coronary atherectomy (17.55)
```

### 36.1 Bypass anastomosis for heart revascularization

Note: Do not assign codes from series <u>00.40-00.43</u> with codes from series 36.10-36.19

Code also: cardiopulmonary bypass [extracorporeal circulation] [heart-lung machine] (39.61)

pressurized treatment of venous bypass graft [conduit] with pharmaceutical substance, if performed (00.16)

### 36.10 Aortocoronary bypass for heart revascularization, not otherwise specified

Direct revascularization:

cardiac with catheter stent, prosthesis, or vein graft coronary with catheter stent, prosthesis, or vein graft heart muscle with catheter stent, prosthesis, or vein graft myocardial with catheter stent, prosthesis, or vein graft Heart revascularization NOS

- 36.11 (Aorto)coronary bypass of one coronary artery
- 36.12 (Aorto)coronary bypass of two coronary arteries
- 36.13 (Aorto)coronary bypass of three coronary arteries
- 36.14 (Aorto)coronary bypass of four or more coronary arteries

### 36.15 Single internal mammary-coronary artery bypass

Anastomosis (single):

mammary artery to coronary artery thoracic artery to coronary artery

### 36.16 Double internal mammary-coronary artery bypass

Anastomosis, double:

mammary artery to coronary artery thoracic artery to coronary artery

### 36.17 Abdominal - coronary artery bypass

Anastomosis:

Gastroepiploic - coronary artery

### 36.19 Other bypass anastomosis for heart revascularization

### 36.2 Heart revascularization by arterial implant

Implantation of:

aortic branches [ascending aortic branches] into heart muscle blood vessels into myocardium

internal mammary artery [internal thoracic artery] into:

heart muscle myocardium

ventricle

ventricular wall

Indirect heart revascularization NOS

#### 36.3 Other heart revascularization

- 36.31 Open chest transmyocardial revascularization
- 36.32 Other transmyocardial revascularization

### 36.33 Endoscopic transmyocardial revascularization Thoracoscopic transmyocardial revascularization

### 36.34 Percutaneous transmyocardial revascularization

Endovascular transmyocardial revascularization

#### 36.39 Other heart revascularization

Abrasion of epicardium
Cardio-omentopexy
Intrapericardial poudrage
Myocardial graft:
mediastinal fat
omentum

pectoral muscles

### 36.9 Other operations on vessels of heart

Code also cardiopulmonary bypass [extracorporeal circulation] [heart-lung machine] (39.61)

### 36.91 Repair of aneurysm of coronary vessel

### 36.99 Other operations on vessels of heart

Exploration of coronary artery Incision of coronary artery Ligation of coronary artery Repair of arteriovenous fistula

### 37 Other operations on heart and pericardium

Code also any injection or infusion of platelet inhibitor (99.20)

#### 37.0 Pericardiocentesis

### 37.1 Cardiotomy and pericardiotomy

Code also cardiopulmonary bypass [extracorporeal circulation] [heart-lung machine] (39.61)

#### 37.10 Incision of heart, not otherwise specified

Cardiolysis NOS

### 37.11 Cardiotomy

Incision of:

atrium

endocardium

mvocardium

ventricle

### 37.12 Pericardiotomy

Pericardial window operation

Pericardiolysis

Pericardiotomy

### 37.2 Diagnostic procedures on heart and pericardium

### 37.20 Noninvasive programmed electrical stimulation (NIPS)

Excludes: that as part of intraoperative testing --omit code catheter based invasive electrophysiologic testing (37.26) device interrogation only without arrhythmia induction (bedside check) (89.45-89.49)

#### 37.21 Right heart cardiac catheterization

Cardiac catheterization NOS

Excludes: that with catheterization of left heart (37.23)



### 37.22 Left heart cardiac catheterization

Excludes: that with catheterization of right heart (37.23)

- 37.23 Combined right and left heart cardiac catheterization
- 37.24 Biopsy of pericardium
- 37.25 Biopsy of heart

### 37.26 Catheter based invasive electrophysiologic testing

Electrophysiologic studies [EPS]

Code also any concomitant procedure

Excludes: that as part of intraoperative testing --omit code device interrogation only without arrhythmia induction (bedside check) (89.45-89.49) His bundle recording (37.29)

noninvasive programmed electrical stimulation (NIPS) (37.20)

### 37.27 Cardiac mapping

Code also any concomitant procedure Excludes: electrocardioaram (89.52) His bundle recording (37.29)

#### 37.28 Intracardiac echocardiography

Echocardiography of heart chambers

Code also any synchronous Doppler flow mapping (88.72)

Excludes: intravascular imaging of coronary vessels (intravascular ultrasound)(IVUS) (00.24)

### 37.29 Other diagnostic procedures on heart and pericardium

Excludes: angiocardiography (88.50-88.58) cardiac function tests (89.41-89.69) cardiovascular radioisotopic scan and function study (92.05) coronary arteriography (88.55-88.57) diagnostic pericardiocentesis (37.0) diagnostic ultrasound of heart (88.72) x-ray of heart (87.49)

### 37.3 Pericardiectomy and excision of lesion of heart

Code also cardiopulmonary bypass [extracorporeal circulation] [heart-lung machine], if performed (39.61)

#### 37.31 Pericardiectomy

Excision of:

adhesions of pericardium constricting scar of: epicardium

pericardium

### 37.32 Excision of aneurysm of heart

Repair of aneurysm of heart

### 37.33 Excision or destruction of other lesion or tissue of heart, open approach

Ablation or incision of heart tissue (cryoablation) (electrocurrent) (laser) (microwave) (radiofrequency) (resection), open chest approach

Cox-maze procedure

```
Maze procedure
          That by median sternotomy
          That by thoracotomy without use of thoracoscope
         Excludes: ablation, excision or destruction of lesion or tissue of heart:
                      endovascular approach (37.34)
                      thoracoscopic approach (37.37)
                   excision or destruction of left atrial appendage (LAA) (37.36)
  37.34 Excision or destruction of other lesion or tissue of heart.
           endovascular approach ®
          Ablation of heart tissue (cryoablation) (electrocurrent)(laser)
            (microwave) (radiofrequency) (ultrasound), via peripherally
               inserted catheter
          Modified maze procedure, percutaneous approach
         Excludes: ablation, excision or destruction of lesion of tissue of heart:
                      open approach (37.33)
                      thoracoscopic approach (37.37)
  37.35 Partial ventriculectomy
          Ventricular reduction surgery
           Ventricular remodeling
         Code also any synchronous:
             mitral valve repair (35.02, 35.12)
             mitral valve replacement (35.23 - 35.24)
 37.36 Excision, destruction, or exclusion of left atrial appendage (LAA) 🙉
        Includes: Thoracoscopic approach, minithoracotomy approach,
                   percutaneous approach, endovacular approach, or
                   subxiphoid approach
                   Clipping of left atrial appendage
                   Oversewing of left atrial appendage
                   Stapling of left atrial appendage
                   That by fastener or suture
        Code also anv:
              concomitant (open) procedure performed
              fluoroscopy (87.49)
               transesophageal echocardiography (TEE) (88.72)
        Excludes: ablation, excision or destruction of lesion or tissue of heart,
                     endovascular approach (37.34)
                  excision or destruction of other lesion or tissue of heart,
                     thoracoscopic approach (37.37)
                  insertion of left atrial appendage device (37.90)
37.37 Excision or destruction of other lesion or tissue of heart,
          thoracoscopic approach W
            Ablation or incision of heart tissue (cryoablation) (electrocautery)
              (laser) (microwave) (radiofrequency) (resection) (ultrasound), via
              thoracoscope
            Modified maze procedure, thoracoscopic approach
            That via thoracoscopically-assisted approach (without
              thoracotomy) (with port access) (with sub-xiphoid incision)
        OR procedure
```

Excludes: ablation, excision or destruction of lesion or tissue of heart:

open approach (37.33)

endovascular approach (37.34)

thoracoscopic excision or destruction of left atrial appendage [LAA] (37.36)

### 37.4 Repair of heart and pericardium

### 37.41 Implantation of prosthetic cardiac support device around the heart

Cardiac support device (CSD)

Epicardial support device

Fabric (textile) (mesh) device

Ventricular support device on surface of heart

Code also anv:

cardiopulmonary bypass [extracorporeal circulation] [heart-lung machine] if performed (39.61)

mitral valve repair (35.02, 35.12)

mitral valve replacement (35.23 - 35.24)

transesophageal echocardiography (88.72)

Excludes: circulatory assist systems (37.61 - 37.68)

### 37.49 Other repair of heart and pericardium

### 37.5 Heart replacement procedures

### 37.51 Heart transplantation

Excludes: combined heart-lung transplantation (33.6)

### 37.52 Implantation of total internal biventricular heart replacement system

Artificial heart

Excludes: implantation of heart assist system [VAD] (37.62, 37.65, 37.66, 37.68)

Note: This procedure includes substantial removal of part or all of the biological heart. Both ventricles are resected, and the native heart is no longer intact. Ventriculectomy is included in this procedure; do not code separately.

### 37.53 Replacement or repair of thoracic unit of (total) replacement heart system

Excludes: replacement and repair of heart assist system [VAD](37.63)

### 37.54 Replacement or repair of other implantable component of (total) replacement heart system

Implantable battery

Implantable controller

Transcutaneous energy transfer [TET] device

Excludes: replacement and repair of heart assist system [VAD] (37.63) replacement or repair of thoracic unit of (total) replacement heart system (37.53)

### 37.55 Removal of internal biventricular heart replacement system Explantation of artificial heart

Code also any concomitant procedure, such as: combined heart-lung transplantation (33.6)



heart transplantation (37.51) implantation of internal biventricular heart replacement system (37.52)

Excludes: explantation [removal] of external heart assist system (37.64) explantation [removal] of percutaneous external heart assist device (97.44) nonoperative removal of heart assist system (97.44)

that with replacement or repair of heart replacement system (37.53, 37.54)

### 37.6 Implantation of heart and circulatory assist system(s)

Excludes: implantation of prosthetic cardiac support system (37.41)

# 37.60 Implantation or insertion of biventricular external heart assist system

Temporary cardiac support for both left and right ventricles, inserted in the same operative episode

Includes: open chest (sternotomy) procedure for cannulae attachments

Note: Device (outside the body but connected to heart) with external circulation pump. Ventriculotomy is included; do not code separately.

Excludes: implantation of internal biventricular heart replacement system (artificial heart) (37.52) implant of pulsation balloon (37.61) insertion of percutaneous external heart assist device (37.68) insertion of temporary non-implantable extracorporeal circulatory assist device (37.62)

#### 37.61 Implant of pulsation balloon

# 37.62 Insertion of temporary non-implantable extracorporeal circulatory assist device

Insertion of heart assist system, NOS Insertion of heart pump

Excludes: implantation of total internal biventricular heart replacement system [artificial heart] (37.52) insertion of percutaneous external heart assist device (37.68) implant of external heart assist system (37.65) insertion of implantable extracorporeal heart assist system (37.66) removal of heart assist system (37.64)

Note: Includes explantation of this device; do not code separately.

#### 37.63 Repair of heart assist system

Replacement of parts of an existing ventricular assist device (VAD)

Excludes: replacement or repair of other implantable component of

(total) replacement heart system [artificial heart] (37.54)

replacement or repair of thoracic unit of (total) replacement
heart system [artificial heart] (37.53)

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### 37.64 Removal of heart assist system(s) or device(s)

Explantation of external device(s) providing left and right ventricular support

Explantation of single external device and cannulae

Excludes: that with replacement of implant (37.63)

explantation [removal] of percutaneous external heart assist device (97.44)

nonoperative removal of heart assist system (97.44)

temporary non-implantable extracorporeal circulatory assist device (37.62)

37.65 Implant of single ventricular (extracorporeal) external heart assist

### system

Insertion of one device into one ventricle

Note: Device (outside the body but connected to heart) with external circulation and pump.

Insertion or implantation of one external VAD for left or right heart support.

Includes open chest (sternotomy) procedure for cannulae attachments

Excludes: implant of pulsation balloon (37.61)

implantation of total internal biventricular heart replacement system (37.52)

insertion of percutaneous external heart assist device (37.68)

insertion of implantable heart assist system (37.66) insertion or implantation of two external VADs for

simultaneous right and left heart support (37.60)

that without sternotomy (37.62)

#### 37.66 Insertion of implantable heart assist system

Axial flow heart assist system

Diagonal pump heart assist system

Left ventricular assist device (LVAD)

Pulsatile heart assist system

Right ventricular assist device (RVAD)

Rotary pump heart assist system

Transportable, implantable heart assist system

Ventricular assist device (VAD) not otherwise specified

Note: Device directly connected to the heart and implanted in the upper left quadrant of peritoneal cavity.

This device can be used for either destination therapy (DT) or bridge-to-transplant (BTT)

Excludes: implant of pulsation balloon (37.61)

implantation of total internal biventricular heart replacement system [artificial heart] (37.52)

insertion of percutaneous external heart assist device (37.68)

#### 37.67 Implantation of cardiomyostimulation system

Note: Two-step open procedure consisting of transfer of one end of the latissimus dorsi muscle; wrapping it around the heart; rib resection; implantation of epicardial cardiac pacing leads into the right ventricle; tunneling and pocket creation for the cardiomyostimulator.

	37.68	Insertion of percutaneous external heart assist device Includes percutaneous [femoral] insertion of cannulae attachments Circulatory assist device Extrinsic heart assist device pVAD
		Percutaneous heart assist device
37.7		ion, revision, replacement, and removal of leads; insertion porary pacemaker system; or revision of cardiac device pocket
		also any insertion and replacement of pacemaker device (37.80-37.87)
		es: implantation or replacement of transvenous lead [electrode] into left ventricular cardiac venous system (00.52)
	37.70	Initial insertion of lead [electrode], not otherwise specified
		Excludes: insertion of temporary transvenous pacemaker system (37.78)
		replacement of atrial and/or ventricular lead(s) $(37.76)$
	37.71	Initial insertion of transvenous lead [electrode] into ventricle
		Excludes: insertion of temporary transvenous pacemaker system (37.78)
		replacement of atrial and/or ventricular lead(s) $(37.76)$
	37.72	Initial insertion of transvenous leads [electrodes] into atrium and ventricle
		Excludes: insertion of temporary transvenous pacemaker system (37.78)
		replacement of atrial and/or ventricular lead(s) (37.76)
	37.73	Initial insertion of transvenous lead [electrode] into atrium
		Excludes: insertion of temporary transvenous pacemaker system  (37.78)
	2774	replacement of atrial and/or ventricular lead(s) (37.76) Insertion or replacement of epicardial lead [electrode] into
	57.74	epicardium Insertion or replacement of epicardial by:
		sternotomy thoracotomy
		Excludes: replacement of atrial and/or ventricular lead(s) (37.76)
	37.75	Revision of lead [electrode] Repair of electrode [removal with re-insertion] Repositioning of lead(s) (AICD) (cardiac device) (CRT-D) (CRT-P) (defibrillator) (pacemaker) (pacing) (sensing) [electrode] Revision of lead NOS
		Excludes: repositioning of temporary transvenous pacemaker systemomit code
	37.76	Replacement of transvenous atrial and/or ventricular lead(s) [electrode] Removal or abandonment of existing transvenous or epicardial lead(s) with transvenous lead(s) replacement
		Excludes: replacement of epicardial lead [electrode] (37.74)
100	1	OR procedure Non OR procedure but affects ThaiDRG

### 37.77 Removal of lead(s) [electrode] without replacement

Removal:

epicardial lead (transthoracic approach) transvenous lead(s)

Excludes: removal of temporary transvenous pacemaker system --omit code

that with replacement of:

atrial and/or ventricular lead(s) [electrode] (37.76) epicardial lead [electrode] (37.74)

#### 37.78 Insertion of temporary transvenous pacemaker system

Excludes: intraoperative cardiac pacemaker (39.64)

#### 37.79 Revision or relocation of pacemaker pocket

Debridement and reforming pocket (skin and subcutaneous tissue) Insertion of loop recorder

Relocation of pocket [creation of new pocket] pacemaker or CRT-P Removal of cardiac device/pulse generator without replacement Removal of the implantable hemodynamic presssure sensor (lead) and monitor device

Removal without replacement of cardiac resynchronization defibrillator device

Repositioning of implantable hemodynamic pressure sensor (lead) and monitor device

Repositioning of pulse generator

Revision of cardioverter/defibrillator (automatic) pocket

Revision of pocket for intracardiac hemodynamic monitoring

Revision or relocation of CRT-D pocket

Revision or relocation of pacemaker, defibrillator, or other implanted cardiac device pocket

Excludes: removal of loop recorder (86.05)

### 37.8 Insertion, replacement, removal, and revision of pacemaker device

Note: Device testing during procedure --omit code

Code also any lead insertion, lead replacement, lead removal and/or lead revision (37.70-37.77)

Excludes: implantation of cardiac resynchronization pacemaker[CRT-P](00.50) implantation or replacement of cardiac resynchronization pacemaker pulse generator only [CRT-P] (00.53)

### 37.80 Insertion of permanent pacemaker, initial or replacement, type of device not specified

### 37.81 Initial insertion of single-chamber device, not specified as rate responsive

Excludes: replacement of existing pacemaker device (37.85-37.87)

### 37.82 Initial insertion of single-chamber device, rate responsive Rate responsive to physiologic stimuli other than atrial rate Excludes: replacement of existing pacemaker device (37.85-37.87)

#### 37.83 Initial insertion of dual-chamber device

Atrial ventricular sequential device

Excludes: replacement of existing pacemaker device (37.85-37.87)

37.85	Replacement of any type pacemaker device with single-chamber device, not specified as rate responsive
37.86	Replacement of any type of pacemaker device with single-chamber device, rate responsive  Rate responsive to physiologic stimuli other than atrial rate
37.87	Replacement of any type pacemaker device with dual-chamber device Atrial ventricular sequential device
37.89	Revision or removal of pacemaker device Removal without replacement of cardiac resynchronization pacemaker device [CRT-P] Repair of pacemaker device
	Excludes: removal of temporary transvenous pacemaker systemomit code replacement of existing pacemaker device (37.85-37.87) replacement of existing pacemaker device with CRT-P pacemaker device (00.53)
37.9 Oth	er operations on heart and pericardium
37.90	Insertion of left atrial appendage device Left atrial filter Left atrial occluder Transseptal catheter technique
37.91	Open chest cardiac massage
	Excludes: closed chest cardiac massage (99.63)
37.92	2 Injection of therapeutic substance into heart
37.93	3 Injection of therapeutic substance into pericardium
37.94	Implantation or replacement of automatic cardioverter/ defibrillator, total system [AICD] Implantation of defibrillator with leads (epicardial patches), formation of pocket (abdominal fascia) (subcutaneous), any transvenous leads, intraoperative procedures for evaluation of lead signals, and obtaining defibrillator threshold measurements Techniques: lateral thoracotomy medial sternotomy subxiphoid procedure
	Note: Device testing during procedureomit code
	Code also extracorporeal circulation, if performed (39.61) Code also any concomitant procedure [e.g., coronary bypass (36.00-36.19) or CCM, total system (17.51)]  Excludes: implantation of cardiac resynchronization defibrillator, total system [CRT-D] (00.51)
37.95	Implantation of automatic cardioverter/defibrillator lead(s) only
37.96	Implantation of automatic cardioverter/defibrillator pulse generator only
	Note: Device testing during procedureomit code
	Excludes: implantation or replacement of cardiac resynchronization defibrillator, pulse generator device only [CRT-D] (00.54)

### 37.97 Replacement of automatic cardioverter/defibrillator lead(s) only

Excludes: replacement of epicardial lead [electrode] into epicardium (37.74)

> replacement of transvenous lead [electrode] into left ventricular coronary venous system (00.52)

### 37.98 Replacement of automatic cardioverter/defibrillator pulse generator only

Excludes: replacement of cardiac resynchronization defibrillator, pulse generator device only [CRT-D] (00.54)

#### 37.99 Other

Excludes: cardiac retraining (93.36)

conversion of cardiac rhythm (99.60-99.69)

implantation of prosthetic cardiac support device (37.41)

insertion of left atrial appendage device (37.90)

maze procedure (Cox-maze), open (37.33)

maze procedure, endovascular approach (37.34)

repositioning of pulse generator (37.79)

revision of lead(s) (37.75)

revision or relocation of pacemaker, defibrillator or other implanted cardiac device pocket (37.79)

### 38 Incision, excision, and occlusion of vessels

Code also

any application or administration of an adhesion barrier substance (99.77) cardiopulmonary bypass [extracorporeal circulation] [heart-lung machine] (39.61)

Excludes: that of coronary vessels (00.66, 36.03, 36.04, 36.09, 36.10-36.99)

The following fourth-digit subclassification is for use with appropriate categories in section 38.0, 38.1, 38.3, 38.5, 38.6, 38.8, and 38.9 according to site. Valid fourth-digits are in [brackets] at the end of each code/description.

- 0 unspecified site
- 1 intracranial vessels

Cerebral (anterior) (middle)

Circle of Willis

Posterior communicating artery

2 other vessels of head and neck

> Carotid artery (common) (external) (internal) Jugular vein (external) (internal)

3 upper limb vessels

Axillarv

Brachial

Radial

Ulnar

- aorta
- 5 other thoracic vessels

Innominate

Pulmonary (artery) (vein)

Mesenteric

Subclavian

abdominal arteries Celiac

6

Vena cava, superior

```
Gastric
                                   Renal
                 Hepatic
                                   Splenic
                 lliac
                                   Umbilical
             Excludes: abdominal aorta (4)
        7
             abdominal veins
                 lliac
                 Portal
                 Renal
                 Splenic
                 Vena cava (inferior)
        8
             lower limb arteries
                 Femoral (common) (superficial)
                 Popliteal
                 Tibial
        9
             lower limb veins
                 Femoral
                                   Saphenous
                 Popliteal
                                   Tibial
38.0 Incision of vessel 4
[0-9]
        Embolectomy
        Thrombectomy
        Excludes: endovascular removal of obstruction from head and neck
                   vessel(s) (39.74)
                 puncture or catheterization of any:
                    artery (38.91, 38.98)
                    vein (38.92-38.95, 38.99)
38.1 Endarterectomy 4
        Endarterectomy with:
[0-6,8]
           embolectomy
           patch graft
          temporary bypass during procedure
          thrombectomy
      Code also any:
          number of vascular stents inserted (00.45-00.48)
          number of vessels treated (00.40-00.43)
          procedure on vessel bifurcation (00.44)
38.2 Diagnostic procedures on blood vessels
     Excludes: adjunct vascular system procedures (00.40-00.43)
     38.21 Biopsy of blood vessel
     38.22 Percutaneous angioscopy
            Excludes: angioscopy of eye (95.12)
     38.23 Intravascular spectroscopy
            Includes: spectroscopy of both coronary and peripheral vessels
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              OR procedure Non OR procedure but affects ThaiDRG
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Intravascular chemography Near infrared (NIR) spectroscopy

Excludes: intravascular imaging of:

coronary vessels (00.24, 38.24) peripheral vessels (00.23, 38.25)

- 38.24 Intravascular imaging of coronary vessel(s) by optical coherence tomography [OCT]
- 38.25 Intravascular imaging of non-coronary vessel(s) by optical coherence tomography [OCT]

Excludes: intravascular imaging of coronary vessel(s) by OCT (38.24)

### 38.26 Insertion of implantable pressure sensor without lead for intracardiac or great vessel hemodynamic monitoring 🎏

Note: The sensor is a standalone device and is not physically connected to a separately implanted monitor.

Leadless pressure sensor not physically connected to a separately implanted monitor

Single device combination leadless pressure sensor with integral monitor for intracardiac or great vessel (or branch thereof) hemodynamic monitoring

With or without internal batteries

Without leads

Excludes: circulatory monitoring (blood gas, arterial or venous pressure, cardiac output and coronary blood flow) (89.60-

> hemodynamic monitoring system with sensor and separately implanted monitor (00.56 - 00.57)

insertion or replacement of implantable pressure sensor with lead for intracardiac or great vessel hemodynamic monitoring (00.56)

### 38.29 Other diagnostic procedures on blood vessels

Excludes: blood vessel thermography (88.86) circulatory monitoring (89.61-89.69) contrast: angiocardiography (88.50-88.58) arteriography (88.40-88.49) phlebography (88.60-88.67) impedance phlebography (88.68) peripheral vascular ultrasonography (88.77) plethysmogram (89.58)

### 38.3 Resection of vessel with anastomosis 4

[0-9] Angiectomy Excision of:

> aneurysm (arteriovenous) with anastomosis blood vessel (lesion) with anastomosis

### 38.4 Resection of vessel with replacement 4

[0-9] Angiectomy Excision of:

aneurysm (arteriovenous) or blood vessel (lesion) with replacement Partial resection with replacement

Excludes: endovascular repair of aneurysm (39.71 - 39.79)

Requires the use of one of the following fourth-digit subclassifications to identify site:

- 0 unspecified site
- 1 intracranial vessels

Cerebral (anterior) (middle)

Circle of Willis

Posterior communicating artery

- 2 other vessels of head and neck
  - Carotid artery (common) (external) (internal)

lugular vein (external) (internal)

3 upper limb vessels

Axillary

Brachial

Radial

Ulnar

4 aorta, abdominal

> Code also any thoracic vessel involvement (thoracoabdominal procedure) (38.45)

5 thoracic vessels

Aorta (thoracic)

Innominate

Pulmonary (artery) (vein)

Subclavian

Vena cava, superior

Code also any abdominal aorta involvement (thoracoabdominal procedure) (38.44)

6 abdominal arteries

> Celiac Mesenteric Gastric Renal Hepatic Splenic lliac Umbilical

Excludes: abdominal aorta (4)

7 abdominal veins

lliac

Portal

Renal

Splenic

Vena cava (inferior)

8 lower limb arteries

Femoral (common) (superficial)

Popliteal

9

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Popliteal

Saphenous Tibial 38.5 Ligation and stripping of varicose veins 4 [0-3,5,7,9] Excludes: ligation of varices: esophageal (42.91) gastric (44.91) 38.6 Other excision of vessel 4 [0-9] Excision of blood vessel (lesion) NOS Excludes: excision of vessel for aortocoronary bypass (36.10-36.14) excision with: anastomosis (38.30-38.39) *araft replacement* (38.40-38.49) implant (38.40-38.49) 38.7 Interruption of the vena cava Insertion of implant or sieve in vena cava Ligation of vena cava (inferior) (superior) Plication of vena cava 38.8 Other surgical occlusion of vessels 4 [0-9] Clamping of blood vessel Division of blood vessel Ligation of blood vessel Occlusion of blood vessel Excludes: adrenal vessels (07.43) esophageal varices (42.91) gastric or duodenal vessel for ulcer (44.40-44.49) gastric varices (44.91) meningeal vessel (02.13) percutaneous transcatheter infusion embolization (99.29) spermatic vein for varicocele (63.1) surgical occlusion of vena cava (38.7)

#### 38.9 Puncture of vessel

Excludes: that for circulatory monitoring (89.60-89.69)

that for chemoembolization (99.25)

that for control of (postoperative) hemorrhage:

following vascular procedure (39.41)

38.91 Arterial catheterization

38.92 Umbilical vein catheterization

anus (49.95) bladder (57.93)

nose (21.00-21.09) prostate (60.94) tonsil (28.7)

thyroid vessel (06.92) transcatheter (infusion) (<u>99.29</u>)

38.93 Venous catheterization, not elsewhere classified

```
Excludes: that for cardiac catheterization (37.21-37.23)
                      that for renal dialysis (38.95)
                      that with quidance (electrocardiogram) (fluoroscopy)
                       (ultrasound) (38.97)
     38.94 Venous cutdown
     38.95 Venous catheterization for renal dialysis
            Excludes: insertion of totally implantable vascular access device [VAD]
                       (86.07)
     38.97 Central venous catheter placement with guidance 🎏
             Includes guidance by:
                 electrocardiogram
                 fluoroscopy
                 ultrasound
     38.98 Other puncture of artery
            Excludes: that for:
                       arteriography (88.40-88.49)
                       coronary arteriography (88.55-88.57)
     38.99 Other puncture of vein
             Phlebotomy
            Excludes: that for:
                       angiography of veins (88.60-88.68)
                       extracorporeal circulation (39.61, 50.92)
                       injection or infusion of:
                            sclerosing solution (39.92)
                            therapeutic or prophylactic substance (99.11-99.29)
                       perfusion (39.96-39.97)
                       phlebography (88.60-88.68)
                       transfusion (99.01-99.09)
39 Other operations on vessels
     Excludes: those on coronary vessels (36.03-36.99)
39.0 Systemic to pulmonary artery shunt
        Descending aorta-pulmonary artery anastomosis (graft)
        Left to right anastomosis (graft)
        Subclavian-pulmonary anastomosis (graft)
      Code also cardiopulmonary bypass [extracorporeal circulation] [heart-lung
         machine (39.61)
39.1 Intra-abdominal venous shunt
        Anastomosis:
        mesocaval
        portacaval
        portal vein to inferior vena cava
        splenic and renal veins
        transjugular intrahepatic portosystemic shunt (TIPS)
     Excludes: peritoneovenous shunt (54.94)
```

# 39.2 Other shunt or vascular bypass

Code also pressurized treatment of venous bypass graft [conduit] with pharmaceutical substance, if performed (00.16)

#### 39.21 Caval-pulmonary artery anastomosis

Code also cardiopulmonary bypass (39.61)

#### 39.22 Aorta-subclavian-carotid bypass

Bypass (arterial): aorta to carotid and brachial aorta to subclavian and carotid carotid to subclavian

# 39.23 Other intrathoracic vascular shunt or bypass

Intrathoracic (arterial) bypass graft NOS

Excludes: coronary artery bypass (36.10-36.19)

39.24 Aorta-renal bypass

# 39.25 Aorta-iliac-femoral bypass

Bypass: aortofemoral aortoiliac aortoiliac to popliteal aortopopliteal iliofemoral [iliac-femoral]

# 39.26 Other intra-abdominal vascular shunt or bypass

Bypass:

aortoceliac aortic-superior mesenteric common hepatic-common iliac-renal Intra-abdominal arterial bypass graft NOS

Excludes: peritoneovenous shunt (54.94)

#### 39.27 Arteriovenostomy for renal dialysis

Anastomosis for renal dialysis Formation of (peripheral) arteriovenous fistula for renal [kidney] dialysis Code also any renal dialysis (39.95)

#### 39.28 Extracranial-intracranial (EC-IC) vascular bypass

# 39.29 Other (peripheral) vascular shunt or bypass

Bypass (graft): axillary-brachial axillary-femoral [axillofemoral] (superficial) brachial femoral-femoral femoroperoneal femoropopliteal (arteries) femorotibial (anterior) (posterior) popliteal vascular NOS

Excludes: peritoneovenous shunt (54.94)

# 39.3 Suture of vessel Repair of laceration of blood vessel Excludes: any other vascular puncture closure device --omit code suture of aneurysm (39.52) that for control of hemorrhage (postoperative): anus (49.95) bladder (57.93) following vascular procedure (39.41) nose (21.00-21.09) prostate (60.94) tonsil (28.7) 39.30 Suture of unspecified blood vessel 39.31 Suture of artery 39.32 Suture of vein 39.4 Revision of vascular procedure 39.41 Control of hemorrhage following vascular surgery Excludes: that for control of hemorrhage (post operative): anus (49.95)bladder (57.93) nose (21.00-21.09) prostate (60.94) tonsil (28.7) 39.42 Revision of arteriovenous shunt for renal dialysis Conversion of renal dialysis: end-to-end anastomosis to end-to-side end-to-side anastomosis to end-to-end vessel-to-vessel cannula to arteriovenous shunt Removal of old arteriovenous shunt and creation of new shunt Excludes: replacement of vessel-to-vessel cannula (39.94) 39.43 Removal of arteriovenous shunt for renal dialysis Excludes: that with replacement [revision] of shunt (39.42) 39.49 Other revision of vascular procedure Declotting (graft) Revision of anastomosis of blood vessel vascular procedure (previous) 39.5 Other repair of vessels 39.50 Angioplasty of other non-coronary vessel(s) 🙉 Percutaneous transluminal angioplasty (PTA) of non-coronary vessels: Lower extremity vessels Mesenteric artery Renal artery Upper extremity vessels Code also any: atherectomy of other non-coronary vessels(s) (17.56) injection or infusion of thrombolytic agent (99.10) Insertion of non-drug-eluting peripheral vessel stent(s) or stent grafts(s) (39.90)

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percutaneous insertion of carotid artery stent(s) (00.63)
          number of vascular stents inserted (00.45-00.48)
          number of vessels treated (00.40-00.43)
          procedure on vessel bifurcation (00.44)
          insertion of drug-eluting peripheral vessel stent (00.55)
       Excludes: percutaneous angioplasty of extracranial or intracranial
                  vessel(s) (00.61 -00.62)
                percutaneous atherectomy of extracranial or intracranial
                  vessel(s) (17.53-17.54)
39.51 Clipping of aneurysm
       Excludes: clipping of arteriovenous fistula (39.53)
39.52 Other repair of aneurysm
        Repair of aneurysm by:
          coagulation
          electrocoagulation
          filipuncture
          methyl methacrylate
          suture
          wiring
          wrapping
       Excludes: endovascular repair of aneurysm (39.71 - 39.79)
                re-entry operation (aorta) (39.54)
                that with:
                  araft replacement (38.40-38.49)
                  resection (38.30-38.49, 38.60-38.69)
39.53 Repair of arteriovenous fistula
        Embolization of carotid cavernous fistula
        Repair of arteriovenous fistula by:
          clipping
          coagulation
          ligation and division
       Excludes: repair of:
                  arteriovenous shunt for renal dialysis (39.42)
                  head and neck vessels, endovascular approach (39.72)
                that with:
                  graft replacement (38.40-38.49)
                  resection (38.30-38.49, 38.60-38.69)
39.54 Re-entry operation (aorta)
        Fenestration of dissecting aneurysm of thoracic aorta
        Code also cardiopulmonary bypass [extracorporeal circulation]
          [heart-lung machine] (39.61)
39.55 Reimplantation of aberrant renal vessel
39.56 Repair of blood vessel with tissue patch graft
       Excludes: that with resection (38.40-38.49)
39.57 Repair of blood vessel with synthetic patch graft
       Excludes: that with resection (38.40-38.49)
39.58 Repair of blood vessel with unspecified type of patch graft
       Excludes: that with resection (38.40-38.49)
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39.59 Other repair of vessel
             Aorticopulmonary window operation
             Arterioplasty NOS
             Construction of venous valves (peripheral)
             Plication of vein (peripheral)
             Reimplantation of artery
            Code also cardiopulmonary bypass [extracorporeal circulation]
              [heart-lung machine] (39.61)
            Excludes: interruption of the vena cava (38.7)
                     reimplantation of renal artery (39.55)
                     that with:
                       araft (39.56-39.58)
                       resection (38.30-38.49, 38.60-38.69)
39.6 Extracorporeal circulation and procedures auxiliary to heart surgery
     39.61 Extracorporeal circulation auxiliary to open heart surgery
             Artificial heart and lung
             Cardiopulmonary bypass
             Pump oxygenator
            Excludes: extracorporeal hepatic assistance (50.92)
                     extracorporeal membrane oxygenation [ECMO] (39.65)
                     hemodialysis (39.95)
                     percutaneous cardiopulmonary bypass (39.66)
     39.62 Hypothermia (systemic) incidental to open heart surgery
     39.63 Cardioplegia
             Arrest:
               anoxic
               circulatory
     39.64 Intraoperative cardiac pacemaker
             Temporary pacemaker used during and immediately following cardiac
               surgery
     39.65 Extracorporeal membrane oxygenation [ECMO]
            Excludes: extracorporeal circulation auxiliary to open heart surgery (39.61)
                     percutaneous cardiopulmonary bypass (39.66)
     39.66 Percutaneous cardiopulmonary bypass
             Closed chest
            Excludes: extracorporeal circulation auxiliary to open heart surgery (39.61)
                     extracorporeal hepatic assistance (50.92)
                     extracorporeal membrane oxygenation [ECMO] (39.65)
                     hemodialysis (39.95)
39.7 Endovascular procedures on vessel (s)
      Endoluminal repair
      Embolization
      Implantation
      Occlusion
      Removal
      Repair
     Excludes: angioplasty of other non-coronary vessel(s) (39.50)
               atherectomy of other non-coronary vessel(s) (17.56)
```

Non OR procedure but affects ThaiDRG

OR procedure

insertion of non-drug-eluting peripheral vessel stent(s) (39.90) other repair of aneurysm (39.52) percutaneous insertion of carotid artery stent(s) (00.63) percutaneous insertion of intracranial stent(s) (00.65) percutaneous insertion of other precerebral artery stent(s) (00.64) resection of abdominal aorta with replacement (38.44) resection of lower limb arteries with replacement (38.48) resection of thoracic aorta with replacement (38.45) resection of upper limb vessels with replacement (38.43) temporary therapeutic partial occlusion of vessel (39.77)

39.71 Endovascular implantation of other graft in abdominal aorta 🙉 Endovascular repair of abdominal aortic aneurysm with graft Stent graft(s)

Code also intra-aneurysm sac pressure monitoring (intraoperative) (00.58)

**Excludes:** endovascular implantation of branching or fenestrated graft in aorta (39.78)

39.72 Endovascular (total) embolization or occlusion of head and neck vessels 🙉

Coil-retention stent

**Embolization stent** 

Endograft(s)

Endovascular graft(s)

Liquid tissue adhesive (glue) embolization or occlusion Other implant or substance for repair, embolization or occlusion

That for repair of aneurysm, arteriovenous malformation[AVM] or fistula

Excludes: mechanical thrombectomy of pre-cerebral and cerebral vessels (39.74)

embolization of head or neck vessels using bare coils (39.75) embolization of head or neck vessels using bioactive coils (39.76)

39.73 Endovascular implantation of graft in thoracic aorta

Endograft(s)

Endovascular graft(s)

Endovascular repair of defect of thoracic aorta with graft(s) or device(s)

Stent graft(s) or device(s)

That for repair of aneurysm, dissection, or injury

Excludes: fenestration of dissecting aneurysm of thoracic aorta (39.54)

Code also intra-aneurysm sac pressure monitoring (intraoperative) (00.58)

39.74 Endovascular removal of obstruction from head and neck vessel(s)

Endovascular embolectomy

Endovascular thrombectomy of pre-cerebral and cerebral vessels Mechanical embolectomy or thrombectomy

Code also: any injection or infusion of thrombolytic agent (99.10) number of vessels treated (00.40-00.43) procedure on vessel bifurcation (00.44)



**Excludes**: endarterectomy of intracranial vessels and other vessels of head and neck (38.11 - 38.12) occlusive endovascular embolization of head or neck vessel(s) using bare coils (39.75) occlusive endovascular embolization of head or neck vessel(s) using bioactive coils (39.76) open embolectomy or thrombectomy (38.01-38.02) 39.75 Endovascular embolization or occlusion of vessel(s) of head or neck using bare coils Bare metal coils Bare platinum coils [BPC] That for treatment of aneurysm, arteriovenous malformation [AVM] or fistula 39.76 Endovascular embolization or occlusion of vessel(s) of head or neck using bioactive coils Biodegradable inner luminal polymer coils Coil embolization or occlusion utilizing bioactivecoils Coils containing polyglycolic acid [PGA] That for treatment of aneurysm, arteriovenous malformation [AVM] or fistula 39.77 Temporary (partial) therapeutic endovascular occlusion of vessel 🎏 That by balloon catheter Code also any: diagnostic arteriogram (88.40-88.49) **Excludes:** any endovascular head or neck vessel procedure (39.72. 39.74-39.76) diagnostic procedures on blood vessels (38.21-38.29) permanent endovascular procedure (39.79) 39.78 Endovascular implantation of branching or fenestrated graft(s) in aorta 🚧 39.79 Other endovascular procedures on other vessels Other coil embolization or occlusion Endograft(s) Endovascular graft(s) Liquid tissue adhesive (glue) embolization or occlusion Other implant or substance for repair, embolization or occlusion Repair of aneurysm Excludes: abdominal aortic aneurysm resection [AAA] (38.44) endovascular implantation of graft in abdominal aorta (39.71) endovascular embolization or occlusion of head and neck vessels, bare metal coils (39,75) endovascular embolization or occlusion of head and neck vessels, bioactive coils (39.76) insertion of drug-eluting peripheral vessel stent(s) (00.55) insertion of non-drug-eluting peripheral vessel (s) (for other than aneurysm repair) (39.90) non-endovascular repair of arteriovenous fistula (39.53) other surgical occlusion of vessels -see category 38.8 percutaneous transcatheter infusion (99.29) thoracic aortic aneurysm resection (38.45)

transcatheter embolization for gastric or duodenal bleeding (44.44)

uterine artery embolization with coils (68.24)

# 39.8 Operations on carotid body, carotid sinus and other vascular **bodies**

Excludes: excision of alomus jugulare (20.51)

39.81 Implantation or replacement of carotid sinus stimulation device, total system 🎏

Carotid sinus baroreflex activation device

Implantation of carotid sinus stimulator and lead(s)

Includes: carotid explorations

Excludes: implantation or replacement of carotid sinus stimulation lead(s) only (39.82)

> implantation or replacement of carotid sinus stimulation pulse aenerator only (39.83)

# 39.82 Implantation or replacement of carotid sinus stimulation lead(s) only 🗱

Excludes: implantation or replacement of carotid sinus stimulation device, total system (39.81)

# 39.83 Implantation or replacement of carotid sinus stimulation pulse generator only 🗱

Excludes: implantation or replacement of carotid sinus stimulation device, total system (39.81)

#### 39.84 Revision of carotid sinus stimulation lead(s) only ## Repair of electrode [removal with re-insertion]

Repositioning of lead(s) [electrode]

# 39.85 Revision of carotid sinus stimulation pulse generator 📽

Debridement and reforming pocket (skin and subcutaneous tissue) Relocation of pocket [creation of new pocket] Repositioning of pulse generator Revision of carotid sinus stimulation pulse generator pocket

39.86 Removal of carotid sinus stimulation device, total system 🎏

39.87 Removal of carotid sinus stimulation lead(s) only ##

39.88 Removal of carotid sinus stimulation puls generator only ##

# 39.89 Other operations on carotid body, carotid sinus and other vascular bodies 🗱

Chemodectomy Denervation of: aortic body carotid body Glomectomy, carotid

Excludes: excision of glomus jugulare (20.51)

# 39.9 Other operations on vessels

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39.90 Insertion of non-drug-eluting peripheral vessel (non-coronary)
            stent(s)
              Bare stent(s)
               Bonded stent(s)
              Drug-coated stent(s), i.e., heparin coated
               Endograft(s)
               Endovascular graft(s)
               Endovascular recanalization techniques
              Stent graft(s)
            Code also anv
               non-coronary angioplasty or atherectomy (39.50)
               number of vascular stents inserted (00.45-00.48)
               number of vessels treated (00.40-00.43)
               procedure on vessel bifurcation (00.44)
           Excludes: insertion of drug-eluting peripheral vessel stent(s) (00.55)
                      percutaneous insertion of carotid artery stent(s) (00.63)
                      percutaneous insertion of intracranial stent(s) (00.65)
                      percutaneous insertion of other precerebral artery stent(s)
                           (00.64)
                      that for aneurysm repair (39.71 - 39.79)
     39.91 Freeing of vessel
              Dissection and freeing of adherent tissue:
                artery-vein-nerve bundle
                vascular bundle
     39.92 Injection of sclerosing agent into vein
            Excludes: injection:
                        esophageal varices (42.33)
                        hemorrhoids (49.42)
     39.93 Insertion of vessel-to-vessel cannula
              Formation of:
                arteriovenous:
                        fistula by external cannula
                        shunt by external cannula
            Code also any renal dialysis (39.95)
     39.94 Replacement of vessel-to-vessel cannula
              Revision of vessel-to-vessel cannula
     39.95 Hemodialysis
              Artificial kidney
              Hemodiafiltration
              Hemofiltration
              Renal dialysis
            Excludes: peritoneal dialysis (54.98)
     39.96 Total body perfusion
              Code also substance perfused (99.21-99.29)
     39.97 Other perfusion ®
              Perfusion NOS
              Perfusion. local [regional] of:
116
             OR procedure
                                     Non OR procedure but affects ThaiDRG
```

```
carotid artery
          coronary artery
          head
          lower limb
          neck
          upper limb
      Code also substance perfused (99.21-99.29)
       Excludes: perfusion of:
                  kidney (55.95)
                  large intestine (46.96)
                  liver (50.93)
                  small intestine (46.95)
                SuperSaturated oxygen therapy (00.49)
39.98 Control of hemorrhage, not otherwise specified
        Angiotripsy
        Control of postoperative hemorrhage NOS
        Venotripsy
       Excludes: control of hemorrhage (postoperative):
                  anus (49.95)
                  bladder (57.93)
                  following vascular procedure (39.41)
                  nose (21.00-21.09)
                  prostate (60.94)
                  tonsil (28.7)
                that by:
                  ligation (38.80-38.89)
                  suture (39.30-39.32)
39.99 Other operations on vessels
       Excludes: injection or infusion of therapeutic or prophylactic substance
                 (99.11-99.29)
                transfusion of blood and blood components (99.01-99.09)
```

#### 8. OPERATIONS ON THE HEMIC AND LYMPHATIC SYSTEM (40-41)

# 40 Operations on lymphatic system 40.0 Incision of lymphatic structures 40.1 Diagnostic procedures on lymphatic structures 40.11 Biopsy of lymphatic structure Transbronchoscopic needle aspiration [TBNA] of lymph node 40.19 Other diagnostic procedures on lymphatic structures Excludes: lymphangiogram: abdominal (88.04) cervical (87.08) intrathoracic (87.34) lower limb (88.36) upper limb (88.34) microscopic examination of specimen (90.71-90.79) radioisotope scan (92.16) thermography (88.89) 40.2 Simple excision of lymphatic structure Excludes: biopsy of lymphatic structure (40.11) 40.21 Excision of deep cervical lymph node 40.22 Excision of internal mammary lymph node 40.23 Excision of axillary lymph node 40.24 Excision of inquinal lymph node 40.29 Simple excision of other lymphatic structure Excision of: cystic hygroma lymphangioma Simple lymphadenectomy 40.3 Regional lymph node excision Extended regional lymph node excision Regional lymph node excision with excision of lymphatic drainage area including skin, subcutaneous tissue, and fat 40.4 Radical excision of cervical lymph nodes Resection of cervical lymph nodes down to muscle and deep fascia Excludes: that associated with radical laryngectomy (30.4) 40.40 Radical neck dissection, not otherwise specified 40.41 Radical neck dissection, unilateral 40.42 Radical neck dissection, bilateral 40.5 Radical excision of other lymph nodes Excludes: that associated with radical mastectomy (85.45-85.48) 40.50 Radical excision of lymph nodes, not otherwise specified Radical (lymph) node dissection NOS 40.51 Radical excision of axillary lymph nodes

40.52 Radical excision of periaortic lymph nodes

- 40.53 Radical excision of iliac lymph nodes
- 40.54 Radical groin dissection
- 40.59 Radical excision of other lymph nodes

Excludes: radical neck dissection (40.40-40.42)

#### 40.6 Operations on thoracic duct

- 40.61 Cannulation of thoracic duct
- 40.62 Fistulization of thoracic duct
- 40.63 Closure of fistula of thoracic duct
- 40.64 Ligation of thoracic duct
- 40.69 Other operations on thoracic duct

# 40.9 Other operations on lymphatic structures

Anastomosis of peripheral lymphatics

Dilation of peripheral lymphatics

Ligation of peripheral lymphatics

Obliteration of peripheral lymphatics

Reconstruction of peripheral lymphatics

Repair of peripheral lymphatics

Transplantation of peripheral lymphatics

Correction of lymphedema of limb. NOS

Excludes: reduction of elephantiasis of scrotum (61.3)

# Operations on bone marrow and spleen

## 41.0 Bone marrow or hematopoietic stem cell transplant

Note: To report donor source --see codes 00.91-00.93

Excludes: aspiration of bone marrow from donor (41.91)

- 41.00 Bone marrow transplant, not otherwise specified
- 41.01 Autologous bone marrow transplant without purging

Excludes: that with purging (41.09)

- 41.02 Allogeneic bone marrow transplant with purging Allograft of bone marrow with in vitro removal (purging) of T-cells
- 41.03 Allogeneic bone marrow transplant without purging Allograft of bone marrow NOS
- 41.04 Autologous hematopoietic stem cell transplant without purging Excludes: that with purging (41.07)
- 41.05 Allogeneic hematopoietic stem cell transplant without purging Excludes: that with purging (41.08)
- 41.06 Cord blood stem cell transplant
- 41.07 Autologous hematopoietic stem cell transplant with purging Cell depletion
- 41.08 Allogeneic hematopoietic stem cell transplant Cell depletion
- 41.09 Autologous bone marrow transplant with purging With extracorporeal purging of malignant cells from marrow Cell depletion

# 41.1 Puncture of spleen

Excludes: aspiration biopsy of spleen (41.32)

# 41.2 Splenotomy

#### 41.3 Diagnostic procedures on bone marrow and spleen

- 41.31 Biopsy of bone marrow
- 41.32 Closed [aspiration] [percutaneous] biopsy of spleen
- 41.33 Open biopsy of spleen
- 41.38 Other diagnostic procedures on bone marrow

Excludes: microscopic examination of specimen from bone marrow (90.61-90.69)
radioisotope scan (92.05)

# 41.39 Other diagnostic procedures on spleen

Excludes: microscopic examination of specimen from spleen (90.61-90.69)
radioisotope scan (92.05)

# 41.4 Excision or destruction of lesion or tissue of spleen

Code also any application or administration of an adhesion barrier substance (99.77)

Excludes: excision of accessory spleen (41.93)

- 41.41 Marsupialization of splenic cyst
- 41.42 Excision of lesion or tissue of spleen

Excludes: biopsy of spleen (41.32-41.33)

41.43 Partial splenectomy

# 41.5 Total splenectomy

Splenectomy NOS

Code also any application or administration of an adhesion barrier substance (99.77)

# 41.9 Other operations on spleen and bone marrow

Code also any application or administration of an adhesion barrier substance (99.77)

#### 41.91 Aspiration of bone marrow from donor for transplant

Excludes: biopsy of bone marrow (41.31)

41.92 Injection into bone marrow

Excludes: bone marrow transplant (41.00-41.03)

- 41.93 Excision of accessory spleen
- 41.94 Transplantation of spleen
- 41.95 Repair and plastic operations on spleen
- 41.98 Other operations on bone marrow
- 41.99 Other operations on spleen

#### 9. OPERATIONS ON THE DIGESTIVE SYSTEM (42-54)

40	_	- •			
<b>4</b> )	()nai	ations	Λn	ACAN	hanne
74	Opei	ations	OII	COOP	mayus

- 42.0 Esophagotomy
  - 42.01 Incision of esophageal web
  - 42.09 Other incision of esophagus

**Esophagotomy NOS** 

Excludes: esophagomyotomy (42.7) esophagostomy (42.10-42.19)

- 42.1 Esophagostomy
  - 42.10 Esophagostomy, not otherwise specified
  - 42.11 Cervical esophagostomy
  - 42.12 Exteriorization of esophageal pouch
  - 42.19 Other external fistulization of esophagus

Thoracic esophagostomy

Code also any resection (42.40-42.42)

- 42.2 Diagnostic procedures on esophagus
  - 42.21 Operative esophagoscopy by incision
  - 42.22 Esophagoscopy through artificial stoma

Excludes: that with biopsy (42.24)

42.23 Other esophagoscopy

Excludes: that with biopsy (42.24)

42.24 Closed [endoscopic] biopsy of esophagus

Brushing or washing for specimen collection

Esophagoscopy with biopsy Suction biopsy of the esophagus

Excludes: esophagogastroduodenoscopy [EGD] with closed biopsy

(45.16)

- 42.25 Open biopsy of esophagus
- 42.29 Other diagnostic procedures on esophagus

Excludes: barium swallow (87.61)

esophageal manometry (89.32)

microscopic examination of specimen from esophagus

(90.81-90.89)

- 42.3 Local excision or destruction of lesion or tissue of esophagus
  - 42.31 Local excision of esophageal diverticulum
  - 42.32 Local excision of other lesion or tissue of esophagus

Excludes: biopsy of esophagus (42.24-42.25) esophageal fistulectomy (42.84)

# 42.33 Endoscopic excision or destruction of lesion or tissue of esophagus Ablation of esophageal neoplasm by endoscopic approach Control of esophageal bleeding by endoscopic approach Esophageal polypectomy by endoscopic approach Esophageal varices by endoscopic approach Injection of esophageal varices by endoscopic approach Excludes: biopsy of esophagus (42.24-42.25) fistulectomy (42.84) open ligation of esophageal varices (42.91) 42.39 Other destruction of lesion or tissue of esophagus Excludes: that by endoscopic approach (42.33) 42.4 Excision of esophagus Excludes: esophagogastrectomy NOS (43.99) 42.40 Esophagectomy, not otherwise specified 42.41 Partial esophagectomy Code also any synchronous: anastomosis other than end-to-end (42.51-42.69) esophagostomy (42.10-42.19) gastrostomy (43.11-43.19) 42.42 Total esophagectomy Code also any synchronous: gastrostomy (43.11-43.19) interposition or anastomosis other than end-to-end (42.51-42.69) Excludes: esophagogastrectomy (43.99) 42.5 Intrathoracic anastomosis of esophagus Code also any synchronous: esophagectomy (42.40-42.42) gastrostomy (43.1) 42.51 Intrathoracic esophagoesophagostomy 42.52 Intrathoracic esophagogastrostomy 42.53 Intrathoracic esophageal anastomosis with interposition of small bowel 42.54 Other intrathoracic esophagoenterostomy Anastomosis of esophagus to intestinal segment NOS 42.55 Intrathoracic esophageal anastomosis with interposition of colon 42.56 Other intrathoracic esophagocolostomy Esophagocolostomy NOS 42.58 Intrathoracic esophageal anastomosis with other interposition Construction of artificial esophagus Retrosternal formation of reversed gastric tube 42.59 Other intrathoracic anastomosis of esophagus

# 42.6 Antesternal anastomosis of esophagus

Code also any synchronous: esophagectomy (42.40-42.42) gastrostomy (43.1)

- 42.61 Antesternal esophagoesophagostomy
- 42.62 Antesternal esophagogastrostomy
- 42.63 Antesternal esophageal anastomosis with interposition of small bowel
- 42.64 Other antesternal esophagoenterostomy

Antethoracic: esophagoenterostomy esophagoileostomy esophagojejunostomy

- 42.65 Antesternal esophageal anastomosis with interposition of colon
- 42.66 Other antesternal esophagocolostomy Antethoracic esophagocolostomy
- 42.68 Other antesternal esophageal anastomosis with interposition
- 42.69 Other antesternal anastomosis of esophagus
- 42.7 Esophagomyotomy
- 42.8 Other repair of esophagus
  - 42.81 Insertion of permanent tube into esophagus
  - 42.82 Suture of laceration of esophagus
  - 42.83 Closure of esophagostomy
  - 42.84 Repair of esophageal fistula, not elsewhere classified

Excludes: repair of fistula: bronchoesophageal (33.42) esophagopleurocutaneous (34.73) pharyngoesophageal (29.53) tracheoesophageal (31.73)

- 42.85 Repair of esophageal stricture
- 42.86 Production of subcutaneous tunnel without esophageal anastomosis
- 42.87 Other graft of esophagus

Excludes: antesternal esophageal anastomosis with interposition of: colon (42.65) small bowel (42.63) antesternal esophageal anastomosis with other interposition (42.68)intrathoracic esophageal anastomosis with interposition of: colon (42.55) small bowel (42.53) intrathoracic esophageal anastomosis with other interposition (42.58)

42.89 Other repair of esophagus







# 42.9 Other operations on esophagus 42.91 Ligation of esophageal varices Excludes: that by endoscopic approach (42.33) 42.92 Dilation of esophagus Dilation of cardiac sphincter Excludes: intubation of esophagus (96.03, 96.06-96.08) 42.99 Other Excludes: insertion of Sengstaken tube (96.06) intubation of esophagus (96.03, 96.06-96.08) removal of intraluminal foreign body from esophagus without incision (98.02) tamponade of esophagus (96.06) 43 Incision and excision of stomach Code also any application or administration of an adhesion barrier substance (99.77) 43.0 Gastrotomy Excludes: gastrostomy (43.11-43.19) that for control of hemorrhage (44.49) 43.1 Gastrostomy 43.11 Percutaneous [endoscopic] gastrostomy [PEG] Percutaneous transabdominal gastrostomy 43.19 Other gastrostomy Excludes: percutaneous [endoscopic] gastrostomy [PEG] (43.11) 43.3 Pyloromyotomy 43.4 Local excision or destruction of lesion or tissue of stomach 43.41 Endoscopic excision or destruction of lesion or tissue of stomach Gastric polypectomy by endoscopic approach Gastric varices by endoscopic approach Excludes: biopsy of stomach (44.14-44.15) control of hemorrhage (44.43) open ligation of gastric varices (44.91) 43.42 Local excision of other lesion or tissue of stomach Excludes: biopsy of stomach (44.14-44.15) gastric fistulectomy (44.62-44.63) partial gastrectomy (43.5-43.89) 43.49 Other destruction of lesion or tissue of stomach Excludes: that by endoscopic approach (43.41) 43.5 Partial gastrectomy with anastomosis to esophagus Proximal gastrectomy

# 43.6 Partial gastrectomy with anastomosis to duodenum

Billroth I operation Distal gastrectomy Gastropylorectomy

# 43.7 Partial gastrectomy with anastomosis to jejunum Billroth II operation

#### 43.8 Other partial gastrectomy

# 43.81 Partial gastrectomy with jejunal transposition

Henley jejunal transposition operation Code also any synchronous intestinal resection (45.51)

# 43.82 Laparoscopic vertical (sleeve) gastrectomy 🎏

**Excludes:** laparoscopic banding (44.95) laparoscopic gastric restrictive procedure (44.95)

## 43.89 Open and other partial gastrectomy ®

Partial gastrectomy with bypass gastrogastrostomy Sleeve resection of stomach

**Excludes:** laparoscopic sleeve gastrectomy (43.82)

#### 43.9 Total gastrectomy

#### 43.91 Total gastrectomy with intestinal interposition

#### 43.99 Other total gastrectomy

Complete gastroduodenectomy Esophagoduodenostomy with complete gastrectomy Esophagogastrectomy NOS Esophagojejunostomy with complete gastrectomy Radical gastrectomy

# 44 Other operations on stomach

Code also any application or administration of an adhesion barrier substance (99.77)

# 44.0 Vagotomy

# 44.00 Vagotomy, not otherwise specified

Division of vagus nerve NOS

# 44.01 Truncal vagotomy

#### 44.02 Highly selective vagotomy

Parietal cell vagotomy Selective proximal vagotomy

44.03 Other selective vagotomy

#### 44.1 Diagnostic procedures on stomach

#### 44.11 Transabdominal gastroscopy

Intraoperative gastroscopy Excludes: that with biopsy (44.14)

# 44.12 Gastroscopy through artificial stoma

Excludes: that with biopsy (44.14)

#### 44.13 Other gastroscopy

Excludes: that with biopsy (44.14)



Excludes: esophagogastroduodenoscopy [EGD] with closed biopsy (45.16)

Brushing or washing for specimen collection

44.14 Closed [endoscopic] biopsy of stomach

44.19 Other diagnostic procedures on stomach

44.15 Open biopsy of stomach

# Excludes: gastric lavage (96.33) microscopic examination of specimen from stomach (90.81 - 90.89)upper GI series (87.62) 44.2 Pyloroplasty 44.21 Dilation of pylorus by incision 44.22 Endoscopic dilation of pylorus Dilation with balloon endoscope Endoscopic dilation of gastrojejunostomy site 44.29 Other pyloroplasty Pyloroplasty NOS Revision of pylorus 44.3 Gastroenterostomy without gastrectomy 44.31 High gastric bypass Printen and Mason gastric bypass 44.32 Percutaneous [endoscopic] gastrojejunostomy Bypass: gastroduodenostomy PEGII Excludes: percutaneous (endoscopic) feeding jejunostomy (46.32) 44.38 Laparoscopic gastroenterostomy Bypass: gastroduodenostomy gastroenterostomy gastrogastrostomy Laparoscopic gastrojejunostomy without gastrectomy NEC Excludes: aastroenterostomy, open approach (44.39) 44.39 Other gastroenterostomy Bypass: gastroduodenostomy gastroenterostomy gastrogastrostomy Gastrojejunostomy without gastrectomy NOS 44.4 Control of hemorrhage and suture of ulcer of stomach or duodenum 44.40 Suture of peptic ulcer, not otherwise specified 44.41 Suture of gastric ulcer site Excludes: ligation of gastric varices (44.91) 44.42 Suture of duodenal ulcer site 126 OR procedure Non OR procedure but affects ThaiDRG

44.43 Endoscopic control of gastric or duodenal bleeding

44.44 Transcatheter embolization for gastric or duodenal bleeding Excludes: surgical occlusion of abdominal vessels (38.86-38.87)

# 44.49 Other control of hemorrhage of stomach or duodenum

# That with gastrotomy

# 44.5 Revision of gastric anastomosis

Closure of:

gastric anastomosis gastroduodenostomy gastrojejunostomy Pantaloon operation

#### 44.6 Other repair of stomach

44.61 Suture of laceration of stomach

Excludes: that of ulcer site (44.41)

44.62 Closure of gastrostomy

## 44.63 Closure of other gastric fistula

Closure of: gastrocolic fistula gastrojejunocolic fistula

44.64 Gastropexy

# 44.65 Esophagogastroplasty

Belsey operation Esophagus and stomach cardioplasty

#### 44.66 Other procedures for creation of esophagogastric sphincteric competence

Fundoplication Gastric cardioplasty Nissen's fundoplication Restoration of cardio-esophageal angle

Excludes: that by laparoscopy (44.67)

# 44.67 Laparoscopic procedures for creation of esophagogastric sphincteric competence

Fundoplication Gastric cardioplasty Nissen's fundoplication

Restoration of cardio-esophageal angle

# 44.68 Laparoscopic gastroplasty

Banding

Silastic vertical banding

Vertical banded gastroplasty (VBG)

Code also any synchronous laparoscopic gastroenterostomy (44.38)

Excludes: insertion, laparoscopic adjustable aastric band (restrictive procedure) (44.95)

other repair of stomach, open approach (44.61-44.65, 44.69)

#### 44.69 Other

Inversion of gastric diverticulum Repair of stomach NOS





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44.9 Other operations on stomach
      44.91 Ligation of gastric varices
             Excludes: that by endoscopic approach (43.41)
      44.92 Intraoperative manipulation of stomach
              Reduction of gastric volvulus
     44.93 Insertion of gastric bubble (balloon)
     44.94 Removal of gastric bubble (balloon)
      44.95 Laparoscopic gastric restrictive procedure
              Adjustable gastric band and port insertion
             Excludes: laparoscopic gastroplasty (44.68)
                      other repair of stomach (44.69)
      44.96 Laparoscopic revision of gastric restrictive procedure
              Revision or replacement of:
                adjustable gastric band
                subcutaneous gastric port device
      44.97 Laparoscopic removal of gastric restrictive device(s)
              Removal of either or both:
                adjustable gastric band
                subcutaneous port device
             Excludes: nonoperative removal of gastric restrictive device(s) (97.86)
                      open removal of gastric restrictive device(s) (44.99)
      44.98 (Laparoscopic) adjustment of size of adjustable gastric restrictive
             device
              Infusion of saline for device tightening
              Withdrawal of saline for device loosening
             Code also anv:
                abdominal ultrasound (88.76)
                abdominal wall fluoroscopy (88.09)
                barium swallow (87.61)
      44.99 Other
             Excludes: change of gastrostomy tube (97.02)
                      dilation of cardiac sphincter (42.92)
                      aastric:
                        cooling (96.31)
                        freezina (96.32)
                        gavage (96.35)
                        hypothermia (96.31)
                        lavage (96.33)
                      insertion of nasogastric tube (96.07)
                      irrigation of gastrostomy (96.36)
                      irrigation of nasogastric tube (96.34)
                      removal of:
                        gastrostomy tube (97.51)
                        intraluminal foreign body from stomach without incision
                            (98.03)
                      replacement of:
                        gastrostomy tube (97.02)
                        (naso-)aastric tube (97.01)
```

# 45 Incision, excision, and anastomosis of intestine

Code also any application or administration of an adhesion barrier substance (99.77)

# 45.0 Enterotomy

Excludes: duodenocholedochotomy (51.41-51.42, 51.51) that for destruction of lesion (45.30-45.34) that of exteriorized intestine (46.14, 46.24, 46.31)

- 45.00 Incision of intestine, not otherwise specified
- 45.01 Incision of duodenum
- 45.02 Other incision of small intestine
- 45.03 Incision of large intestine Excludes: proctotomy (48.0)

#### 45.1 Diagnostic procedures on small intestine

Code also any laparotomy (54.11-54.19)

45.11 Transabdominal endoscopy of small intestine Intraoperative endoscopy of small intestine

Excludes: that with biopsy (45.14)

45.12 Endoscopy of small intestine through artificial stoma

Excludes: that with biopsy (45.14)

45.13 Other endoscopy of small intestine

Esophagogastroduodenoscopy [EGD]

Excludes: that with biopsy (45.14, 45.16) 45.14 Closed [endoscopic] biopsy of small intestine

Brushing or washing for specimen collection

Excludes: esophagogastroduodenoscopy [EGD] with closed biopsy (45.16)

- 45.15 Open biopsy of small intestine
- 45.16 Esophagogastroduodenoscopy [EGD] with closed biopsy Biopsy of one or more sites involving esophagus, stomach, and/or duodenum

# 45.19 Other diagnostic procedures on small intestine

Excludes: microscopic examination of specimen from small intestine (90.91-90.99) radioisotope scan (92.04) ultrasonography (88.74) x-ray (87.61-87.69)

#### 45.2 Diagnostic procedures on large intestine

Code also any laparotomy (54.11-54.19)

45.21 Transabdominal endoscopy of large intestine Intraoperative endoscopy of large intestine

Excludes: that with biopsy (45.25)

45.22 Endoscopy of large intestine through artificial stoma

Excludes: that with biopsy (45.25)

New code Revised code 4 4th digit required

	45.23	Colonoscopy Flexible fiberoptic colonoscopy
		Excludes: endoscopy of large intestine through artificial stoma (45.22) flexible sigmoidoscopy (45.24) rigid proctosigmoidoscopy (48.23) transabdominal endoscopy of large intestine (45.21)
	45.24	Flexible sigmoidoscopy Endoscopy of descending colon
		Excludes: rigid proctosigmoidoscopy (48.23)
	45.25	Closed [endoscopic] biopsy of large intestine Biopsy, closed, of unspecified intestinal site Brushing or washing for specimen collection Colonoscopy with biopsy
		Excludes: proctosigmoidoscopy with biopsy (48.24)
	45.26	Open biopsy of large intestine
		Intestinal biopsy, site unspecified
		Other diagnostic procedures on large intestine
	45.29	Other diagnostic procedures on intestine, site unspecified
		Excludes: microscopic examination of specimen (90.91-90.99) scan and radioisotope function study (92.04) ultrasonography (88.74) x-ray (87.61-87.69)
45.3	Local	excision or destruction of lesion or tissue of small intestine
	45.30	Endoscopic excision or destruction of lesion of duodenum
		Excludes: biopsy of duodenum (45.14-45.15) control of hemorrhage (44.43) fistulectomy (46.72)
	45.31	Other local excision of lesion of duodenum
		Excludes: biopsy of duodenum (45.14-45.15) fistulectomy (46.72) multiple segmental resection (45.61) that by endoscopic approach (45.30)
	45.32	Other destruction of lesion of duodenum
		Excludes: that by endoscopic approach (45.30)
	45.33	Local excision of lesion or tissue of small intestine, except duodenum Excision of redundant mucosa of ileostomy
		Excludes: biopsy of small intestine (45.14-45.15) fistulectomy (46.74) multiple segmental resection (45.61)
	45.34	Other destruction of lesion of small intestine, except duodenum

#### 45.4 Local excision or destruction of lesion or tissue of large intestine

# 45.41 Excision of lesion or tissue of large intestine

Excision of redundant mucosa of colostomy

Excludes: biopsy of large intestine (45.25-45.27)

endoscopic polypectomy of large intestine (45.42)

fistulectomy (46.76)

multiple segmental resection (<u>17.31</u>, <u>45.71</u>) that by endoscopic approach (45.42-45.43)

#### 45.42 Endoscopic polypectomy of large intestine

Excludes: that by open approach (45.41)

# 45.43 Endoscopic destruction of other lesion or tissue of large intestine

Endoscopic ablation of tumor of large intestine

Endoscopic control of colonic bleeding

Excludes: endoscopic polypectomy of large intestine (45.42)

#### 45.49 Other destruction of lesion of large intestine

Excludes: that by endoscopic approach (45.43)

# 45.5 Isolation of intestinal segment

Code also any synchronous:

anastomosis other than end-to-end (45.90-45.94)

enterostomy (46.10-46.39)

# 45.50 Isolation of intestinal segment, not otherwise specified

Isolation of intestinal pedicle flap Reversal of intestinal segment

#### 45.51 Isolation of segment of small intestine

Isolation of ileal loop

Resection of small intestine for interposition

#### 45.52 Isolation of segment of large intestine

Resection of colon for interposition

#### 45.6 Other excision of small intestine

Code also any synchronous:

anastomosis other than end-to-end (45.90-45.93, 45.95) colostomy (46.10-46.13)

enterostomy (46.10-46.39)

Excludes: cecectomy (17.32, 45.72)

Enterocolectomy (17.39, 45.79)

gastroduodenectomy (43.6-43.99)

ileocolectomy (17.33, (45.73) pancreatoduodenectomy (52.51-52.7)

# 45.61 Multiple segmental resection of small intestine

Segmental resection for multiple traumatic lesions of small intestine

#### 45.62 Other partial resection of small intestine

Duodenectomy lleectomy Jejunectomy

Excludes: duodenectomy with synchronous pancreatectomy (52.51-52.7) resection of cecum and terminal ileum (17.32, 45.72)



#### 45.63 Total removal of small intestine

#### 45.7 Open and other partial excision of large intestine

Code also any synchronous:

anastomosis other than end-to-end (45.92-45.94) enterostomy (46.10-46.39)

Excludes: laparoscopic partial excision of large intestine (17.31 –17.39)

- 45.71 Open and other multiple segmental resection of large intestine Segmental resection for multiple traumatic lesions of large intestine
- 45.72 Open and other cecectomy

Resection of cecum and terminal ileum

45.73 Open and other right hemicolectomy Ileocolectomy

Right radical colectomy

- 45.74 Open and other resection of transverse colon
- 45.75 Open and other left hemicolectomy

Excludes: proctosigmoidectomy (48.41-48.69) second stage Mikulicz operation (46.04)

- 45.76 Open and other sigmoidectomy
- 45.79 Other and unspecified partial excision of large intestine Enterocolectomy NEC

## 45.8 Total intra-abdominal colectomy

Excision of cecum, colon, and sigmoid Excludes: coloproctectomy (48.41-48.69)

45.81 Laparoscopic total intra-abdominal colectomy

- 45.82 Open total intra-abdominal colectomy
- 45.83 Other and unspecified total intra-abdominal colectomy

#### 45.9 Intestinal anastomosis

Code also any synchronous resection (45.31-45.8, 48.41-48.69)

Excludes: end-to-end anastomosis --omit code

- 45.90 Intestinal anastomosis, not otherwise specified
- 45.91 Small-to-small intestinal anastomosis
- 45.92 Anastomosis of small intestine to rectal stump Hampton procedure
- 45.93 Other small-to-large intestinal anastomosis
- 45.94 Large-to-large intestinal anastomosis

Excludes: rectorectostomy (48.74)

45.95 Anastomosis to anus

Formation of endorectal ileal pouch (H- pouch) (J-pouch) (S-pouch) with anastomosis of small intestine to anus

# 46 Other operations on intestine

Code also any application or administration of an adhesion barrier substance (99.77)

# 46.0 Exteriorization of intestine

Includes: loop enterostomy

multiple stage resection of intestine

46.01 Exteriorization of small intestine

Loop ileostomy

46.02 Resection of exteriorized segment of small intestine

46.03 Exteriorization of large intestine

Exteriorization of intestine NOS First stage Mikulicz exteriorization of intestine Loop colostomy

46.04 Resection of exteriorized segment of large intestine

Resection of exteriorized segment of intestine NOS Second stage Mikulicz operation

# 46.1 Colostomy

Code also any synchronous resection (45.49, 45.71-45.79, 45.8)

Excludes: loop colostomy (46.03)

that with abdominoperineal resection of rectum (48.5) that with synchronous anterior rectal resection (48.62)

46.10 Colostomy, not otherwise specified

46.11 Temporary colostomy

46.13 Permanent colostomy

46.14 Delayed opening of colostomy

#### 46.2 Ileostomy

Code also any synchronous resection (45.34, 45.61-45.63)

Excludes: loop ileostomy (46.01)

46.20 Ileostomy, not otherwise specified

46.21 Temporary ileostomy

46.22 Continent ileostomy

46.23 Other permanent ileostomy

46.24 Delayed opening of ileostomy

#### 46.3 Other enterostomy

Code also any synchronous resection (45.61-45.8)

46.31 Delayed opening of other enterostomy

46.32 Percutaneous (endoscopic) jejunostomy [PEI]

Endoscopic conversion of gastrostomy to jejunostomy Percutaneous (endoscopic) feeding enterostomy

Excludes: percutaneous [endoscopic] gastrojejunostomy (bypass)

(44.32)

46.39	Other Duodenostomy Feeding enterostomy
464 Revis	sion of intestinal stoma
	Revision of intestinal stoma, not otherwise specified
	Plastic enlargement of intestinal stoma
	Reconstruction of stoma of intestine Release of scar tissue of intestinal stoma
	Excludes: excision of redundant mucosa (45.41)
46.41	Revision of stoma of small intestine
	Excludes: excision of redundant mucosa (45.33)
46.42	Repair of pericolostomy hernia
46.43	Other revision of stoma of large intestine
	Excludes: excision of redundant mucosa (45.41)
46.5 Closi	ure of intestinal stoma
Code a	also any synchronous resection (45.34, 45.49, 45.61-45.8)
46.50	Closure of intestinal stoma, not otherwise specified
46.51	Closure of stoma of small intestine
46.52	Closure of stoma of large intestine
	Closure or take-down of: cecostomy
	colostomy
	sigmoidostomy
46.6 Fixat	ion of intestine
46.60	Fixation of intestine, not otherwise specified Fixation of intestine to abdominal wall
46.61	Fixation of small intestine to abdominal wall lleopexy
46.62	Other fixation of small intestine
	Noble plication of small intestine Plication of jejunum
46.63	Fixation of large intestine to abdominal wall
	Cecocoloplicopexy Sigmoidopexy (Moschowitz)
46.64	Other fixation of large intestine
+0.0 <del>+</del>	Cecofixation
	Colofixation
46.7 Othe	r repair of intestine
Exclud	les: closure of:
	ulcer of duodenum <u>(44.42)</u> vesicoenteric fistula (57.83)
46.71	Suture of laceration of duodenum
46.72	Closure of fistula of duodenum

# 46.73 Suture of laceration of small intestine, except duodenum 46.74 Closure of fistula of small intestine, except duodenum Excludes: closure of: artificial stoma (46.51) vaqinal fistula (70.74) repair of gastrojejunocolic fistula (44.63) 46.75 Suture of laceration of large intestine 46.76 Closure of fistula of large intestine Excludes: closure of: gastrocolic fistula (44.63) rectal fistula (48.73) sigmoidovesical fistula (57.83) stoma (46.52) vaginal fistula (70.72-70.73) vesicocolic fistula (57.83) vesicosigmoidovaginal fistula (57.83) 46.79 Other repair of intestine Duodenoplasty 46.8 Dilation and manipulation of intestine 46.80 Intra-abdominal manipulation of intestine, not otherwise specified Correction of intestinal malrotation Reduction of: intestinal torsion intestinal volvulus intussusception Excludes: reduction of intussusception with: fluoroscopy (96.29) ionizing radiation enema (96.29) ultrasonography quidance (96.29)) 46.81 Intra-abdominal manipulation of small intestine 46.82 Intra-abdominal manipulation of large intestine 46.85 Dilation of intestine Dilation (balloon) of duodenum Dilation (balloon) of jejunum Endoscopic dilation (balloon) of large intestine That through rectum or colostomy Excludes: with insertion of colonic stent (46.86-46.87) 46.86 Endoscopic insertion of colonic stent(s) ## Colonoscopy (flexible) (through stoma) with transendoscopic stent placement Combined with fluoroscopic-guided insertion Stent endoprosthesis of colon

Excludes: other non-endoscopic insertion of colonic stent (46.87)

Through the scope [TTS] technique

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46.87 Other insertion of colonic stent(s)
            Includes: that by:
                        fluoroscopic guidance only
                        rectal guiding tube
                        Non-endoscopic insertion
            Code also any synchronous diagnostic procedure(s)
            Excludes: endoscopic insertion of colonic stent (46.86)
46.9 Other operations on intestines
     46.91 Myotomy of sigmoid colon
     46.92 Myotomy of other parts of colon
     46.93 Revision of anastomosis of small intestine
     46.94 Revision of anastomosis of large intestine
     46.95 Local perfusion of small intestine
            Code also substance perfused (99.21-99.29)
     46.96 Local perfusion of large intestine
            Code also substance perfused (99.21-99.29)
     46.97 Transplant of intestine
             Note: To report donor source --see codes 00.91-00.93
     46.99 Other
             lleoentectropy
            Excludes: diagnostic procedures on intestine (45.11-45.29)
                     dilation of enterostomy stoma (96.24)
                     intestinal intubation (96.08)
                     removal of:
                        intraluminal foreign body from large intestine without incision
                            (98.04)
                        intraluminal foreign body from small intestine without
                            incision (98.03)
                        tube from large intestine (97.53)
                        tube from small intestine (97.52)
                     replacement of:
                        large intestine tube or enterostomy device (97.04)
                        small intestine tube or enterostomy device (97.03)
47 Operations on appendix
     Includes: appendiceal stump
     Code also any application or administration of an adhesion barrier substance
       (99.77)
47.0 Appendectomy
     Excludes: incidental appendectomy, so described
                    laparoscopic (47.11)
                    other (47.19)
     47.01 Laparoscopic appendectomy
     47.09 Other appendectomy
```

# 47.1 Incidental appendectomy

- 47.11 Laparoscopic incidental appendectomy
- 47.19 Other incidental appendectomy

# 47.2 Drainage of appendiceal abscess

Excludes: that with appendectomy (47.0)

#### 47.9 Other operations on appendix

- 47.91 Appendicostomy
- 47.92 Closure of appendiceal fistula
- 47.99 Other

Anastomosis of appendix

Excludes: diagnostic procedures on appendix (45.21-45.29)

# 48 Operations on rectum, rectosigmoid and perirectal tissue

Code also any application or administration of an adhesion barrier substance (99.77)

# 48.0 Proctotomy

Decompression of imperforate anus Panas' operation [linear proctotomy]

Excludes: incision of perirectal tissue (48.81)

# 48.1 Proctostomy

# 48.2 Diagnostic procedures on rectum, rectosigmoid and perirectal

#### 48.21 Transabdominal proctosigmoidoscopy

Intraoperative proctosigmoidoscopy

Excludes: that with biopsy (48.24)

#### 48.22 Proctosigmoidoscopy through artificial stoma

Excludes: that with biopsy (48.24)

#### 48.23 Rigid proctosigmoidoscopy

Excludes: flexible sigmoidoscopy (45.24)

#### 48.24 Closed [endoscopic] biopsy of rectum

Brushing or washing for specimen collection Proctosigmoidoscopy with biopsy

- 48.25 Open biopsy of rectum
- 48.26 Biopsy of perirectal tissue

#### 48.29 Other diagnostic procedures on rectum, rectosigmoid and perirectal tissue

Excludes: digital examination of rectum (89.34)

lower GI series (87.64)

microscopic examination of specimen from rectum

(90.91-90.99)

# 48.3 Local excision or destruction of lesion or tissue of rectum 48.31 Radical electrocoagulation of rectal lesion or tissue 48.32 Other electrocoagulation of rectal lesion or tissue 48.33 Destruction of rectal lesion or tissue by laser 48.34 Destruction of rectal lesion or tissue by cryosurgery 48.35 Local excision of rectal lesion or tissue Excludes: biopsy of rectum (48.24-48.25) excision of perirectal tissue (48.82) hemorrhoidectomy (49.46) [endoscopic] polypectomy of rectum (48.36) rectal fistulectomy (48.73) 48.36 [Endoscopic] polypectomy of rectum 48.4 Pull-through resection of rectum Code also any synchronous anastomosis other than end-to-end (45.90, 45.92-45.95) 48.40 Pull-through resection of rectum, not otherwise specified Pull-through resection NOS Excludes: abdominoperineal pull-through NOS (48.50) 48.41 Soave submucosal resection of rectum Endorectal pull-through operation 48.42 Laparoscopic pull-through resection of rectum 48.43 Open pull-through resection of rectum 48.49 Other pull-through resection of rectum Abdominoperineal pull-through Altemeier operation Swenson proctectomy Excludes: Duhamel abdominoperineal pull through (48.65) *laparoscopic pull-through resection of rectum* (48.42) open pull-through resection of rectum (48.43) pull-through resection of rectum, not otherwise specified (48.40)48.5 Abdominoperineal resection of rectum Includes: with synchronous colostomy Combined abdominoendorectal resection Complete proctectomy Code also any synchronous anastomosis other than end-to-end (45.90, 45.92-45.95) Excludes: Duhamel abdominoperineal pull-through (48.65) that as part of pelvic exenteration (68.8) 48.50 Abdominoperineal resection of the rectum, not otherwise specified 48.51 Laparoscopic abdominoperineal resection of the rectum 48.52 Open abdominoperineal resection of the rectum

#### 48.59 Other abdominoperineal resection of the rectum

Excludes: abdominoperineal resection of the rectum, NOS (48.50)

laparoscopic abdominoperineal resection of the rectum

open abdominoperineal resection of the rectum (48.52)

#### 48.6 Other resection of rectum

Code also any synchronous anastomosis other than end-to-end (45.90, 45.92-45.95)

- 48.61 Transsacral rectosigmoidectomy
- 48.62 Anterior resection of rectum with synchronous colostomy
- 48.63 Other anterior resection of rectum

Excludes: that with synchronous colostomy (48.62)

- 48.64 Posterior resection of rectum
- 48.65 Duhamel resection of rectum

Duhamel abdominoperineal pull-through

48.69 Other

Partial proctectomy Rectal resection NOS

# 48.7 Repair of rectum

Excludes: repair of:

current obstetric laceration (75.62) vaginal rectocele (70.50, 70.52, 70.53, 70.55)

- 48.71 Suture of laceration of rectum
- 48.72 Closure of proctostomy
- 48.73 Closure of other rectal fistula

Excludes: fistulectomy:

perirectal (48.93) rectourethral (58.43)

rectovaginal (70.73)

rectovesical (57.83) rectovesicovaginal (57.83)

#### 48.74 Rectorectostomy

Rectal anastomosis NOS

Stapled transanal rectal resection (STARR)

#### 48.75 Abdominal proctopexy

Frickman procedure

Ripstein repair of rectal prolapse

#### 48.76 Other proctopexy

Delorme repair of prolapsed rectum

Proctosigmoidopexy

Puborectalis sling operation

Excludes: manual reduction of rectal prolapse (96.26)

Repair of old obstetric laceration of rectum

large intestine <u>(45.94)</u> small intestine <u>(45.92-45.93)</u>

48.79 Other repair of rectum

Excludes: anastomosis to:

repair of:

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current obstetrica laceration (75.62)
                        vaginal rectocele (70.50, 70.52)
48.8 Incision or excision of perirectal tissue or lesion
     Includes: pelvirectal tissue
              rectovaginal septum
     48.81 Incision of perirectal tissue
              Incision of rectovaginal septum
     48.82 Excision of perirectal tissue
            Excludes: perirectal biopsy (48.26)
                     perirectofistulectomy (48.93)
                     rectal fistulectomy (48.73)
48.9 Other operations on rectum and perirectal tissue
     48.91 Incision of rectal stricture
     48.92 Anorectal myectomy
     48.93 Repair of perirectal fistula
            Excludes: that opening into rectum (48.73)
     48.99 Other
            Excludes: digital examination of rectum (89.34)
                     dilation of rectum (96.22)
                     insertion of rectal tube (96.09)
                     irrigation of rectum (96.38-96.39)
                     manual reduction of rectal prolapse (96.26)
                     proctoclysis (96.37)
                     rectal massage (99.93)
                     rectal packing (96.19)
                     removal of:
                        impacted feces (96.38)
                        intraluminal foreign body from rectum without incision
                            (98.05)
                        rectal packing (97.59)
                     transanal enema (96.39)
49 Operations on anus
    Code also any application or administration of an adhesion barrier substance
          (99.77)
49.0 Incision or excision of perianal tissue
     49.01 Incision of perianal abscess
     49.02 Other incision of perianal tissue
              Undercutting of perianal tissue
            Excludes: anal fistulotomy (49.11)
140
            1 OR procedure
                                  Non OR procedure but affects ThaiDRG
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# 49.03 Excision of perianal skin tags 49.04 Other excision of perianal tissue Excludes: anal fistulectomy (49.12) biopsy of perianal tissue (49.22) 49.1 Incision or excision of anal fistula Excludes: closure of anal fistula (49.73) 49.11 Anal fistulotomy 49.12 Anal fistulectomy 49.2 Diagnostic procedures on anus and perianal tissue 49.21 Anoscopy 49.22 Biopsy of perianal tissue 49.23 Biopsy of anus 49.29 Other diagnostic procedures on anus and perianal tissue Excludes: microscopic examination of specimen from anus (90.91-90.99)49.3 Local excision or destruction of other lesion or tissue of anus Anal cryptotomy Cauterization of lesion of anus Excludes: biopsy of anus (49.23) control of (postoperative) hemorrhage of anus (49.95) hemorrhoidectomy (49.46) 49.31 Endoscopic excision or destruction of lesion or tissue of anus 49.39 Other local excision or destruction of lesion or tissue of anus Excludes: that by endoscopic approach (49.31) 49.4 Procedures on hemorrhoids 49.41 Reduction of hemorrhoids 49.42 Injection of hemorrhoids 49.43 Cauterization of hemorrhoids Clamp and cautery of hemorrhoids 49.44 Destruction of hemorrhoids by cryotherapy 49.45 Ligation of hemorrhoids 49.46 Excision of hemorrhoids Hemorrhoidectomy NOS 49.47 Evacuation of thrombosed hemorrhoids 49.49 Other procedures on hemorrhoids Lord procedure 49.5 Division of anal sphincter 49.51 Left lateral anal sphincterotomy 49.52 Posterior anal sphincterotomy 49.59 Other anal sphincterotomy

Division of sphincter NOS

# 49.6 Excision of anus 49.7 Repair of anus Excludes: repair of current obstetric laceration (75.62) 49.71 Suture of laceration of anus 49.72 Anal cerclage 49.73 Closure of anal fistula Excludes: excision of anal fistula (49.12) 49.74 Gracilis muscle transplant for anal incontinence 49.75 Implantation or revision of artificial anal sphincter Removal with subsequent replacement Replacement during same or subsequent operative episode 49.76 Removal of artificial anal sphincter Explantation or removal without replacement Excludes: revision with implantation during same operative episode (49.75)49.79 Other repair of anal sphincter Repair of old obstetric laceration of anus Excludes: anoplasty with synchronous hemorrhoidectomy (49.46) repair of current obstetric laceration (75.62) 49.9 Other operations on anus Excludes: dilation of anus (sphincter) (96.23) 49.91 Incision of anal septum 49.92 Insertion of subcutaneous electrical anal stimulator 49.93 Other incision of anus Removal of: foreign body from anus with incision seton from anus Excludes: anal fistulotomy (49.11)

Excludes: manual reduction of rectal prolapse (96.26)

49.95 Control of (postoperative) hemorrhage of anus

49.94 Reduction of anal prolapse

49.99 Other

removal of intraluminal foreign body without incision (98.05)

# 50 Operations on liver

Code also any application or administration of an adhesion barrier substance (99.77)

# 50.0 Hepatotomy

Incision of abscess of liver Removal of gallstones from liver Stromeyer-Little operation

# 50.1 Diagnostic procedures on liver

50.11 Closed (percutaneous) [needle] biopsy of liver Diagnostic aspiration of liver

# 50.12 Open biopsy of liver

Wedge biopsy

## 50.13 Transjugular liver biopsy

Transvenous liver biopsy

Excludes: closed (percutaneous) [needle] biopsy of liver (50.11) *laparoscopic liver biopsy (50.14)* 

#### 50.14 Laparoscopic liver biopsy

Excludes: closed (percutaneous) [needle] biopsy of liver (50.11) open biopsy of liver (50.12) transjugular liver biopsy (50.13)

#### 50.19 Other diagnostic procedures on liver

Excludes: liver scan and radioisotope function study (92.02) microscopic examination of specimen from liver (91.01-91.09) laparoscopic liver biopsy (50.14) transjugular liver biopsy (50.13)

#### 50.2 Local excision or destruction of liver tissue or lesion

50.21 Marsupialization of lesion of liver

#### 50.22 Partial hepatectomy

Wedge resection of liver

Excludes: biopsy of liver (50.11-50.12) hepatic lobectomy (50.3)

- 50.23 Open ablation of liver lesion or tissue
- 50.24 Percutaneous ablation of liver lesion or tissue
- 50.25 Laparoscopic ablation of liver lesion or tissue
- 50.26 Other and unspecified ablation of liver lesion or tissue

#### 50.29 Other destruction of lesion of liver

Cauterization of hepatic lesion Enucleation of hepatic lesion Evacuation of hepatic lesion

Excludes: ablation of liver lesion or tissue laparoscopic (50.25) open (50.23) other (50.26) percutaneous (50.24)

percutaneous aspiration of lesion (50.91)



laser interstitial thermal therapy [LITT] of lesion or tissue of liver under guidance (17.63)

# 50.3 Lobectomy of liver

Total hepatic lobectomy with partial excision of other lobe

# 50.4 Total hepatectomy

# 50.5 Liver transplant

Note: To report donor source -- see codes 00.91-00.93

#### 50.51 Auxiliary liver transplant

Auxiliary hepatic transplantation leaving patient's own liver in situ

50.59 Other transplant of liver

#### 50.6 Repair of liver

50.61 Closure of laceration of liver

50.69 Other repair of liver

Hepatopexy

# 50.9 Other operations on liver

Excludes: lysis of adhesions (54.5)

50.91 Percutaneous aspiration of liver

Excludes: percutaneous biopsy (50.11)

#### 50.92 Extracorporeal hepatic assistance Liver dialysis

50.93 Localized perfusion of liver

50.94 Other injection of therapeutic substance into liver

50.99 Other

# 51 Operations on gallbladder and biliary tract

Includes: operations on:

ampulla of Vater common bile duct

cystic duct hepatic duct

intrahepatic bile duct

sphincter of Oddi

Code also any application or administration of an adhesion barrier substance (99.77)

# 51.0 Cholecystotomy and cholecystostomy

#### 51.01 Percutaneous aspiration of gallbladder

Percutaneous cholecystotomy for drainage

That by: needle or catheter Excludes: needle biopsy (51.12)

#### 51.02 Trocar cholecystostomy

51.03 Other cholecystostomy

# 51.04 Other cholecystotomy

Cholelithotomy NOS

144 OR procedure Non OR procedure but affects
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### 51.1 Diagnostic procedures on biliary tract

Excludes: that for endoscopic procedures classifiable to 51.64, 51.84-51.88, 52.14, 52.21, 52.93-52.94, 52.97-52.98

## 51.10 Endoscopic retrograde cholangiopancreatography [ERCP]

Excludes: endoscopic retrograde:

cholangiography [ERC] (51.11) pancreatography [ERP] (52.13)

### 51.11 Endoscopic retrograde cholangiography [ERC]

Laparoscopic exploration of common bile duct

Excludes: endoscopic retrograde:

cholangiopancreatography [ERCP] (51.10) pancreatography [ERP] (52.13)

### 51.12 Percutaneous biopsy of gallbladder or bile ducts Needle biopsy of gallbladder

## 51.13 Open biopsy of gallbladder or bile ducts

## 51.14 Other closed [endoscopic] biopsy of biliary duct or sphincter of Oddi

Brushing or washing for specimen collection Closed biopsy of biliary duct or sphincter of Oddi by procedures classifiable to 51.10-51.11, 52.13

## 51.15 Pressure measurement of sphincter of Oddi

Pressure measurement of sphincter by procedures classifiable to 51.10-51.11, 52.13

## 51.19 Other diagnostic procedures on biliary tract

Excludes: biliary tract x-ray (87.51-87.59)

microscopic examination of specimen from biliary tract (91.01-91.09)

#### 51.2 Cholecystectomy

### 51.21 Other partial cholecystectomy

Revision of prior cholecystectomy Excludes: that by laparoscope (51.24)

#### 51.22 Cholecystectomy

Excludes: laparoscopic cholecystectomy (51.23)

## 51.23 Laparoscopic cholecystectomy

That by laser

### 51.24 Laparoscopic partial cholecystectomy

## 51.3 Anastomosis of gallbladder or bile duct

Excludes: resection with end-to-end anastomosis (51.61-51.69)

- 51.31 Anastomosis of gallbladder to hepatic ducts
- 51.32 Anastomosis of gallbladder to intestine
- 51.33 Anastomosis of gallbladder to pancreas
- 51.34 Anastomosis of gallbladder to stomach

#### 51.35 Other gallbladder anastomosis Gallbladder anastomosis NOS

51.36 Choledochoenterostomy 51.37 Anastomosis of hepatic duct to gastrointestinal tract Kasai portoenterostomy 51.39 Other bile duct anastomosis Anastomosis of bile duct NOS Anastomosis of unspecified bile duct to: intestine liver pancreas stomach 51.4 Incision of bile duct for relief of obstruction 51.41 Common duct exploration for removal of calculus Excludes: percutaneous extraction (51.96) 51.42 Common duct exploration for relief of other obstruction 51.43 Insertion of choledochohepatic tube for decompression Hepatocholedochostomy 51.49 Incision of other bile ducts for relief of obstruction 51.5 Other incision of bile duct Excludes: that for relief of obstruction (51.41-51.49) 51.51 Exploration of common duct Incision of common bile duct 51.59 Incision of other bile duct 51.6 Local excision or destruction of lesion or tissue of biliary ducts and sphincter of Oddi Code also anastomosis other than end-to-end (51.31,51.36-51.39) Excludes: biopsy of bile duct (51.12-51.13) 51.61 Excision of cystic duct remnant 51.62 Excision of ampulla of Vater (with reimplantation of common duct) 51.63 Other excision of common duct Choledochectomy Excludes: fistulectomy (51.72) 51.64 Endoscopic excision or destruction of lesion of biliary ducts or sphincter of Oddi Excision or destruction of lesion of biliary duct by procedures classifiable to 51.10-51.11, 52.13 51.69 Excision of other bile duct Excision of lesion of bile duct NOS Excludes: fistulectomy (51.79) 51.7 Repair of bile ducts 51.71 Simple suture of common bile duct

51.72 Choledochoplasty Repair of fistula of common bile duct

### 51.79 Repair of other bile ducts

Closure of artificial opening of bile duct NOS Suture of bile duct NOS

Excludes: operative removal of prosthetic device (51.95)

### 51.8 Other operations on biliary ducts and sphincter of Oddi

## 51.81 Dilation of sphincter of Oddi

Dilation of ampulla of Vater

Excludes: that by endoscopic approach (51.84)

### 51.82 Pancreatic sphincterotomy

Incision of pancreatic sphincter Transduodenal ampullary sphincterotomy

Excludes: that by endoscopic approach (51.85)

51.83 Pancreatic sphincteroplasty

## 51.84 Endoscopic dilation of ampulla and biliary duct

Dilation of ampulla and biliary duct by procedures classifiable to 51.10-51.11, 52.13

## 51.85 Endoscopic sphincterotomy and papillotomy

Sphincterotomy and papillotomy by procedures classifiable to 51.10-51.11, 52.13

## 51.86 Endoscopic insertion of nasobiliary drainage tube

Insertion of nasobiliary tube by procedures classifiable to 51.10-51.11, 52.13

### 51.87 Endoscopic insertion of stent (tube) into bile duct

Endoprosthesis of bile duct

Insertion of stent into bile duct by procedures classifiable to 51.10-51.11, 52.13

Excludes: nasobiliary drainage tube (51.86) replacement of stent (tube) (97.05)

### 51.88 Endoscopic removal of stone(s) from biliary tract

Laparoscopic removal of stone(s) from biliary tract

Removal of biliary tract stone(s) by procedures classifiable to 51.10-51.11, 52.13

Excludes: percutaneous extraction of common duct stones (51.96)

51.89 Other operations on sphincter of Oddi

### 51.9 Other operations on biliary tract

- 51.91 Repair of laceration of gallbladder
- 51.92 Closure of cholecystostomy
- 51.93 Closure of other biliary fistula Cholecystogastroenteric fistulectomy
- 51.94 Revision of anastomosis of biliary tract
- 51.95 Removal of prosthetic device from bile duct

Excludes: nonoperative removal (97.55)

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51.96 Percutaneous extraction of common duct stones
     51.98 Other percutaneous procedures on biliary tract
              Percutaneous biliary endoscopy via existing T-tube or other tract for:
                dilation of biliary duct stricture
                removal of stone(s) except common duct stone
                exploration (postoperative)
              Percutaneous transhepatic biliary drainage
            Excludes: percutaneous aspiration of gallbladder (51.01)
                     percutaneous biopsy and/or collection of specimen by
                       brushing or washing (51.12)
                     percutaneous removal of common duct stone(s) (51.96)
     51.99 Other
             Insertion or replacement of biliary tract prosthesis
            Excludes: biopsy of gallbladder (51.12-51.13)
                     irrigation of cholecystostomy and other biliary tube (96.41)
                     lysis of peritoneal adhesions (54.5)
                     nonoperative removal of:
                       cholecystostomy tube (97.54)
                       tube from biliary tract or liver (97.55)
52 Operations on pancreas
     Includes: operations on pancreatic duct
     Code also any application or administration of an adhesion barrier substance
        (99.77)
52.0 Pancreatotomy
     52.01 Drainage of pancreatic cyst by catheter
     52.09 Other pancreatotomy
             Pancreatolithotomy
            Excludes: drainage by anastomosis (52.4, 52.96)
                     incision of pancreatic sphincte (51.82)
                     marsupialization of cyst (52.3)
52.1 Diagnostic procedures on pancreas
     52.11 Closed [aspiration] [needle] [percutaneous] biopsy of pancreas
     52.12 Open biopsy of pancreas
     52.13 Endoscopic retrograde pancreatography [ERP]
            Excludes: endoscopic retrograde:
                       cholangiography [ERC] (51.11)
                       cholangiopancreatography [ERCP] (51.10)
                     that for procedures classifiable to 51.14-51.15, 51.64,
                       51.84-51.88, 52.14, 52.21, 52.92-52.94, 52.97-52.98
     52.14 Closed [endoscopic] biopsy of pancreatic duct
             Closed biopsy of pancreatic duct by procedures classifiable to
                   <u>51.10-51.11</u>, 52.13
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### 52.19 Other diagnostic procedures on pancreas

Excludes: contrast pancreatogram (87.66) endoscopic retrograde pancreatography [ERP] (52.13) microscopic examination of specimen from pancreas (91.01-91.09)

## 52.2 Local excision or destruction of pancreas and pancreatic duct

Excludes: biopsy of pancreas (52.11-52.12, 52.14) pancreatic fistulectomy (52.95)

### 52.21 Endoscopic excision or destruction of lesion or tissue of pancreatic duct

Excision or destruction of lesion or tissue of pancreatic duct by procedures classifiable to 51.10-51.11, 52.13

## 52.22 Other excision or destruction of lesion or tissue of pancreas or pancreatic duct

## 52.3 Marsupialization of pancreatic cyst

Excludes: drainage of cyst by catheter (52.01)

## 52.4 Internal drainage of pancreatic cyst

Pancreaticocystoduodenostomy Pancreaticocystogastrostomy Pancreaticocystojejunostomy

## 52.5 Partial pancreatectomy

Excludes: pancreatic fistulectomy (52.95)

#### 52.51 Proximal pancreatectomy

Excision of head of pancreas (with part of body) Proximal pancreatectomy with synchronous duodenectomy

#### 52.52 Distal pancreatectomy

Excision of tail of pancreas (with part of body)

#### 52.53 Radical subtotal pancreatectomy

52.59 Other partial pancreatectomy

#### 52.6 Total pancreatectomy

Pancreatectomy with synchronous duodenectomy

### 52.7 Radical pancreaticoduodenectomy

One-stage pancreaticoduodenal resection with choledochojejunal anastomosis, pancreaticojejunal anastomosis, and gastrojejunostomy Two-stage pancreaticoduodenal resection (first stage) (second stage) Radical resection of the pancreas Whipple procedure

Excludes: radical subtotal pancreatectomy (52.53)

### 52.8 Transplant of pancreas

Note: To report donor source -- see codes 00.91-00.93

### 52.80 Pancreatic transplant, not otherwise specified

### 52.81 Reimplantation of pancreatic tissue

	52.82	Homotransplant of pancreas		
	52.83	Heterotransplant of pancreas		
	52.84	Autotransplantation of cells of Islets of Langerhans Homotransplantation of islet cells of pancreas		
	52.85	Allotransplantation of cells of Islets of Langerhans Heterotransplantation of islet cells of pancreas		
	52.86	Transplantation of cells of Islets of Langerhans, not otherwise specified		
52.9	Othe	ther operations on pancreas		
	52.92	22 Cannulation of pancreatic duct		
		Excludes: that by endoscopic approach (52.93)		
	52.93	Endoscopic insertion of stent (tube) into pancreatic duct Insertion of cannula or stent into pancreatic duct by procedures classifiable to 51.10-51.11, 52.13		
		Excludes: endoscopic insertion of nasopancreatic drainage tube (52.97 replacement of stent (tube) (97.05)		
	52.94	Endoscopic removal of stone(s) from pancreatic duct  Removal of stone(s) from pancreatic duct by procedures classifiable to 51.10-51.11, 52.13		
	52.95	Other repair of pancreas Fistulectomy of pancreas Simple suture of pancreas		
	52.96	Anastomosis of pancreas Anastomosis of pancreas (duct) to: intestine jejunum stomach		
		Excludes: anastomosis to:  bile duct (51.39)  gallbladder (51.33)		
	52.97 Endoscopic insertion of nasopancreatic drainage tube Insertion of nasopancreatic drainage tube by procedures classifiabl to 51.10-51.11, 52.13			
Excludes: drainage of pancreatic replacement of stent (to		Excludes: drainage of pancreatic cyst by catheter (52.01) replacement of stent (tube) (97.05)		
	52.98 Endoscopic dilation of pancreatic duct Dilation of Wirsung's duct by procedures classifiable to 51.10-51.11, 52.13			
	52.99	Other Dilation of pancreatic [Wirsung's] duct by open approach Repair of pancreatic [Wirsung's] duct by open approach		
		Excludes: irrigation of pancreatic tube (96.42) removal of pancreatic tub (97.56)		

## 53 Repair of hernia

Includes: hernioplasty herniorrhaphy

Code also any application or administration of an adhesion barrier substance

(99.77)

Excludes: manual reduction of hernia (96.27)

### 53.0 Other unilateral repair of inquinal hernia

Excludes: laparoscopic unilateral repair of inquinal hernia (17.11-17.13)

- 53.00 Unilateral repair of inquinal hernia, not otherwise specified Inquinal herniorrhaphy NOS
- 53.01 Other and open repair of direct inquinal hernia Direct and indirect inquinal hernia
- 53.02 Other and open repair of indirect inquinal hernia
- 53.03 Other and open repair of direct inquinal hernia with graft or prosthesis
- 53.04 Other and open repair of indirect inquinal hernia with graft or prosthesis
- 53.05 Repair of inguinal hernia with graft or prosthesis, not otherwise specified

### 53.1 Other bilateral repair of inquinal hernia

Excludes: laparoscopic bilateral repair of inauinal hernia (17.21 - 17.24)

- 53.10 Bilateral repair of inquinal hernia, not otherwise specified
- 53.11 Other and open bilateral repair of direct inquinal hernia
- 53.12 Other and open bilateral repair of indirect inquinal hernia
- 53.13 Other and open bilateral repair of inquinal hernia, one direct and one indirect
- 53.14 Other and open bilateral repair of direct inguinal hernia with graft or prosthesis
- 53.15 Other and open bilateral repair of indirect inguinal hernia with graft or prosthesis
- 53.16 Other and open bilateral repair of inguinal hernia, one direct and one indirect, with graft or prosthesis
- 53.17 Bilateral inquinal hernia repair with graft or prosthesis, not otherwise specified

## 53.2 Unilateral repair of femoral hernia

- 53.21 Unilateral repair of femoral hernia with graft or prosthesis
- 53.29 Other unilateral femoral herniorrhaphy

### 53.3 Bilateral repair of femoral hernia

- 53.31 Bilateral repair of femoral hernia with graft or prosthesis
- 53.39 Other bilateral femoral herniorrhaphy

### 53.4 Repair of umbilical hernia

```
Excludes: repair of gastroschisis (54.71)
     53.41 Other and open repair of umbilical hernia with graft or prosthesis
     53.42 Laparoscopic repair of umbilical hernia with graft or prosthesis
     53.43 Other laparoscopic umbilical herniorrhaphy
     53.49 Other open umbilical herniorrhaphy
           Excludes: other laparoscopic umbilical herniorrhaphy (53.43)
                      repair of umbilical hernia with graft or prosthesis
                         (53.41, 53.42)
53.5 Repair of other hernia of anterior abdominal wall (without graft or
     prosthesis)
     53.51 Incisional hernia repair
     53.59 Repair of other hernia of anterior abdominal wall
             Repair of hernia:
               epigastric
               hypogastric
               spigelian
               ventral
             That by laparoscopic approach
53.6 Repair of other hernia of an
terior abdominal wall with graft or prosthesis
     53.61 Other open incisional hernia repair with graft or prosthesis
     53.62 Laparoscopic incisional hernia repair with graft or prosthesis
     53.63 Other laparoscopic repair of other hernia of anterior abdominal
            wall with graft or prosthesis
     53.69 Other and open repair of other hernia of anterior abdominal wall
            with graft or prosthesis
           Excludes: other laparoscopic repair of other hernia of anterior
                       abdominal wall with graft or prosthesis (<u>53.63</u>)
53.7 Repair of diaphragmatic hernia, abdominal approach
     53.71 Laparoscopic repair of diaphragmatic hernia, abdominal approach
     53.72 Other and open repair of diaphragmatic hernia, abdominal
           approach
     53.75 Repair of diaphragmatic hernia, abdominal approach, not
           otherwise specified
           Excludes: laparoscopic repair of diaphragmatic hernia (53.71)
                     other and open repair of diaphragmatic hernia (53.72)
53.8 Repair of diaphragmatic hernia, thoracic approach
     53.80 Repair of diaphragmatic hernia with thoracic approach, not
            otherwise specified
             Thoracoabdominal repair of diaphragmatic hernia
     53.81 Plication of the diaphragm
     53.82 Repair of parasternal hernia
152
         OR procedure Non OR procedure but affects ThaiDRG
```

## 53.83 Laparoscopic repair of diaphragmatic hernia, with thoracic approach

## 53.84 Other and open repair of diaphragmatic hernia, with thoracic approach

Excludes: repair of diaphragmatic hernia with thoracic approach, NOS

## 53.9 Other hernia repair

Repair of hernia: ischiatic ischiorectal lumbar obturator omental retroperitoneal sciatic

Excludes: relief of strangulated hernia with exteriorization of intestine (46.01, 46.03)

> repair of pericolostomy hernia (46.42) repair of vaginal enterocele (70.92)

## 54 Other operations on abdominal region

Includes: operations on:

epigastric region

flank

groin region hypochondrium inquinal region loin region pelvic cavity mesenterv omentum peritoneum

retroperitoneal tissue space

Code also any application or administration of an adhesion barrier substance (99.77)

Excludes: hernia repair (53.00-53.9)

obliteration of cul-de-sac (70.92)

retroperitoneal tissue dissection (59.00-59.09)

skin and subcutaneous tissue of abdominalwall (86.01-86.99)

#### 54.0 Incision of abdominal wall

Drainage of: abdominal wall extraperitoneal abscess retroperitoneal abscess

Excludes: incision of peritoneum (54.95)

*laparotomy* (54.11-54.19)

## 54.1 Laparotomy

## 54.11 Exploratory laparotomy

Excludes: exploration incidental to intra abdominal surgery --omit code

### 54.12 Reopening of recent laparotomy site

Reopening of recent laparotomy site for:

control of hemorrhage

exploration

incision of hematoma

#### 54.19 Other laparotomy

Drainage of intraperitoneal abscess or hematoma

Excludes: culdocentesis (70.0)

drainage of appendiceal abscess (47.2)

exploration incidental to intra abdominal surgery --omit code

Ladd operation (54.95)

percutaneous drainage of abdomen (54.91)

removal of foreign body (54.92)

## 54.2 Diagnostic procedures of abdominal region

#### 54.21 Laparoscopy

Peritoneoscopy

Excludes: laparoscopic cholecystectomy (51.23)

that incidental to destruction of fallopian tubes (66.21-66.29)

### 54.22 Biopsy of abdominal wall or umbilicus

#### 54.23 Biopsy of peritoneum

Biopsy of:

mesenterv

omentum

peritoneal implant

Excludes: closed biopsy of:

omentum (54.24)

peritoneum (54.24)

## 54.24 Closed [percutaneous] [needle] biopsy of intra-abdominal mass

Closed biopsy of:

omentum

peritoneal implant

peritoneum

Excludes: that of:

fallopian tube (66.11)

ovary (65.11)

uterine ligaments (68.15)

uterus (68.16)

### 54.25 Peritoneal lavage

Diagnostic peritoneal lavage

Excludes: peritoneal dialysis (54.98)

## 54.29 Other diagnostic procedures on abdominal region

```
Excludes: abdominal lymphangiogram (88.04)
         abdominal x-ray NEC (88.19)
         angiocardiography of venae cava (88.51)
         C.A.T. scan of abdomen (88.01)
         contrast x-ray of abdominal cavity (88.11-88.15)
         intra-abdominal arteriography NEC (88.47)
        microscopic examination of peritoneal and retroperitoneal
             specimen <u>(91.1</u>1-91.19)
         phlebography of:
           intra-abdominal vessels NEC (88.65)
           portal venous system (88.64)
         sinogram of abdominal wall (88.03)
         soft tissue x-ray of abdominal wall NEC (88.09)
         tomography of abdomen NE (88.02)
         ultrasonography of abdomen and retroperitoneum (88.76)
```

### 54.3 Excision or destruction of lesion or tissue of abdominal wall or umhilicus

Debridement of abdominal wall Omphalectomy

Excludes: biopsy of abdominal wall or umbilicus (54.22)

size reduction operation (86.83)

that of skin of abdominal wall (86.22, 86.26, 86.3)

## 54.4 Excision or destruction of peritoneal tissue

Excision of appendices epiploicae falciform ligament gastrocolic ligament lesion of: mesentery omentum peritoneum presacral lesion NOS retroperitoneal lesion NOS

Excludes: biopsy of peritoneum (54.23)

endometrectomy of cul-de-sac (70.32)

#### 54.5 Lysis of peritoneal adhesions

```
Freeing of adhesions of:
biliary tract
intestines
liver
pelvic peritoneum
peritoneum
spleen
uterus
```

```
Excludes: lysis of adhesions of:
                   bladder (59.11)
                   fallopian tube and ovary
                     laparoscopic (65.81)
                     other (65.89)
                   kidney (59.02)
                   ureter (59.02)
     54.51 Laparoscopic lysis of peritoneal adhesions
     54.59 Other lysis of peritoneal adhesions
54.6 Suture of abdominal wall and peritoneum
     54.61 Reclosure of postoperative disruption of abdominal wall
     54.62 Delayed closure of granulating abdominal wound
             Tertiary subcutaneous wound closure
     54.63 Other suture of abdominal wall
             Suture of laceration of abdominal wall
            Excludes: closure of operative wound --omit code
     54.64 Suture of peritoneum
             Secondary suture of peritoneum
            Excludes: closure of operative wound --omit code
54.7 Other repair of abdominal wall and peritoneum
     54.71 Repair of gastroschisis
     54.72 Other repair of abdominal wall
     54.73 Other repair of peritoneum
             Suture of gastrocolic ligament
     54.74 Other repair of omentum
             Epiplorrhaphy
             Graft of omentum
             Omentopexy
             Reduction of torsion of omentum
            Excludes: cardio-omentopexy (36.39)
     54.75 Other repair of mesentery
             Mesenteric plication
             Mesenteropexy
54.9 Other operations of abdominal region
     Excludes: removal of ectopic pregnancy (74.3)
     54.91 Percutaneous abdominal drainage
             Paracentesis
            Excludes: creation of cutaneoperitoneal fistula (54.93)
     54.92 Removal of foreign body from peritoneal cavity
     54.93 Creation of cutaneoperitoneal fistula
     54.94 Creation of peritoneovascular shunt
             Peritoneovenous shunt
```

54.95 Incision of peritoneum

Exploration of ventriculoperitoneal shunt at peritoneal site

Ladd operation

Revision of distal catheter of ventricular shunt

Revision of ventriculoperitoneal shunt at peritoneal site

Excludes: that incidental to laparotomy (54.11-54.19)

54.96 Injection of air into peritoneal cavity

Pneumoperitoneum

Excludes: that for:

collapse of lung (33.33)

radiography (88.12-88.13, 88.15)

54.97 Injection of locally-acting therapeutic substance into peritoneal

cavity

Excludes: peritoneal dialysis (54.98)

54.98 Peritoneal dialysis

Excludes: peritoneal lavage (diagnostic) (54.25)

54.99 Other

Excludes: removal of:

abdominal wall suture (97.83) peritoneal drainage device (97.82) retroperitoneal drainage device (97.81)

#### 10. OPERATIONS ON THE URINARY SYSTEM (55-59)

## 55 Operations on kidney

Includes: operations on renal pelvis

Code also any application or administration of an adhesion barrier substance

(99.77)

Excludes: perirenal tissue (59.00-59.09, 59.21-59.29,59.91-59.92)

## 55.0 Nephrotomy and nephrostomy

Excludes: drainage by:

anastomosis (55.86) aspiration (55.92)

incision of kidney pelvis (55.11-55.12)

### 55.01 Nephrotomy

Evacuation of renal cyst Exploration of kidney Nephrolithotomy

### 55.02 Nephrostomy

### 55.03 Percutaneous nephrostomy without fragmentation

Nephrostolithotomy, percutaneous (nephroscopic)

Percutaneous removal of kidney stone(s) by:

basket extraction

forceps extraction (nephroscopic)

Pyelostolithotomy, percutaneous (nephroscopic)

With placement of catheter down ureter

Excludes: percutaneous removal by fragmentation (55.04)

repeat nephroscopic removal during current episode (55.92)

#### 55.04 Percutaneous nephrostomy with fragmentation

Percutaneous nephrostomy with disruption of kidney stone by ultrasonic energy and extraction (suction) through endoscope

With placement of catheter down ureter

With fluoroscopic guidance

Excludes: repeat fragmentation during current episode (59.95)

## 55.1 Pyelotomy and pyelostomy

Excludes: drainage by anastomosis (55.86)

percutaneous pyelostolithotomy (55.03) removal of calculus without incision (56.0)

#### 55.11 Pvelotomy

Exploration of renal pelvis

Pyelolithotomy

### 55.12 Pyelostomy

Insertion of drainage tube into renal pelvis

## 55.2 Diagnostic procedures on kidney

55.21 Nephroscopy

55.22 Pyeloscopy





## OPERATIONS ON THE URINARY SYSTEM (55-59) 55.23 Closed [percutaneous] [needle] biopsy of kidney Endoscopic biopsy via existing nephrostomy, nephrotomy, pyelostomy, or pyelotomy 55.24 Open biopsy of kidney 55.29 Other diagnostic procedures on kidney Excludes: microscopic examination of specimen from kidney (91.21-91.29)pyelogram: intravenous (87.73) percutaneous (87.75) retrograde (87.74) radioisotope scan (92.03) renal arteriography (88.45) tomography: C.A.T. scan (87.71) other (87.72) 55.3 Local excision or destruction of lesion or tissue of kidney 55.31 Marsupialization of kidney lesion 55.32 Open ablation of renal lesion or tissue 55.33 Percutaneous ablation of renal lesion or tissue 55.34 Laparoscopic ablation of renal lesion or tissue 55.35 Other and unspecified ablation of renal lesion or tissue 55.39 Other local destruction or excision of renal lesion or tissue Obliteration of calyceal diverticulum Excludes: ablation of renal lesion or tissue: laparoscopic (55.34) open (55.32) other (55.35) percutaneous (55.33) biopsy of kidney (55.23-55.24) partial nephrectomy (55.4) percutaneous aspiration of kidney (55.92) wedge resection of kidney (55.4) Calycectomy

## 55.4 Partial nephrectomy

Wedge resection of kidney

Code also any synchronous resection of ureter (56.40-56.42)

## 55.5 Complete nephrectomy

Code also any synchronous excision of: adrenal gland (07.21-07.3) bladder segment (57.6) lymph nodes (40.3, 40.52-40.59)

#### 55.51 Nephroureterectomy

Nephroureterectomy with bladder cuff Total nephrectomy (unilateral)

Excludes: removal of transplanted kidney (55.53)



	55.52	Nephrectomy of remaining kidney Removal of solitary kidney	
		Excludes: removal of transplanted kidney (55.53)	
	55.53	Removal of transplanted or rejected kidney	
		Bilateral nephrectomy	
		Excludes: complete nephrectomy NOS (55.51)	
55.6	5.6 Transplant of kidney		
	Note:	To report donor sourcesee codes <u>00.91-00.93</u>	
	55.61	Renal autotransplantation	
	55.69	Other kidney transplantation	
55.7	5.7 Nephropexy		
		ation or suspension of movable [floating] kidney	
55.8	Other repair of kidney		
	55.81	Suture of laceration of kidney	
	55.82	Closure of nephrostomy and pyelostomy	
	55.83	Closure of other fistula of kidney	
	55.84	Reduction of torsion of renal pedicle	
	55.85	Symphysiotomy for horseshoe kidney	
	55.86	Anastomosis of kidney Nephropyeloureterostomy Pyeloureterovesical anastomosis Ureterocalyceal anastomosis	
		Excludes: nephrocystanastomosis NOS (56.73)	
	55.87	Correction of ureteropelvic junction	
	55.89	Other	
55.9	5.9 Other operations on kidney		
	Exclud	es: lysis of perirenal adhesions <u>(59.02)</u>	
	55.91	Decapsulation of kidney Capsulectomy of kidney Decortication of kidney	
	55.92	Percutaneous aspiration of kidney (pelvis) Aspiration of renal cyst Renipuncture	
		Excludes: percutaneous biopsy of kidney (55.23)	
	55.93	Replacement of nephrostomy tube	
	55.94	Replacement of pyelostomy tube	
	55.95	Local perfusion of kidney	
	55.96	Other injection of therapeutic substance into kidney Injection into renal cyst	
	55.97	Implantation or replacement of mechanical kidney	
	55.98	Removal of mechanical kidney	

#### 55.99 Other

Excludes: removal of pyelostomy or nephrostomy tube (97.61)

## 56 Operations on ureter

Code also any application or administration of an adhesion barrier substance (99.77)

## 56.0 Transurethral removal of obstruction from ureter and renal pelvis

Removal of:

blood clot from ureter or renal pelvis without incision calculus from ureter or renal pelvis without incision foreign body from ureter or renal pelvis without incision

Excludes: manipulation without removal of obstruction (59.8) that by incision (55.11, 56.2) transurethral insertion of ureteral stent for passage of calculus (59.8)

## 56.1 Ureteral meatotomy

### 56.2 Ureterotomy

Incision of ureter for: drainage exploration removal of calculus

Excludes: cutting of ureterovesical orifice (56.1) removal of calculus without incision (56.0) transurethral insertion of ureteral stent for passage of calculus (59.8)*urinary diversion* (56.51-56.79)

## 56.3 Diagnostic procedures on ureter

- 56.31 Ureteroscopy
- 56.32 Closed percutaneous biopsy of ureter

Excludes: endoscopic biopsy of ureter (56.33)

## 56.33 Closed endoscopic biopsy of ureter

Cystourethroscopy with ureteral biopsy Transurethral biopsy of ureter Ureteral endoscopy with biopsy through ureterotomy Ureteroscopy with biopsy

Excludes: percutaneous biopsy of ureter (56.32)

- 56.34 Open biopsy of ureter
- | 56.35 | Endoscopy (cystoscopy) (looposcopy) of ileal conduit

## 56.39 Other diagnostic procedures on ureter

Excludes: microscopic examination of specimen from ureter (91.21-91.29)

## 56.4 Ureterectomy Code also anastomosis other than end-to-end (56.51-56.79) Excludes: fistulectomy (56.84) nephroureterectomy (55.51-55.54) 56.40 Ureterectomy, not otherwise specified 56.41 Partial ureterectomy Excision of lesion of ureter Shortening of ureter with reimplantation Excludes: biopsy of ureter (56.32-56.34) 56.42 Total ureterectomy 56.5 Cutaneous uretero-ileostomy 56.51 Formation of cutaneous uretero-ileostomy Construction of ileal conduit External ureteral ileostomy Formation of open ileal bladder Ileal loop operation lleoureterostomy (Bricker's) (ileal bladder) Transplantation of ureter into ileum with external diversion Excludes: closed ileal bladder (57.87) replacement of ureteral defect by ileal segment (56.89) 56.52 Revision of cutaneous uretero-ileostomy 56.6 Other external urinary diversion 56.61 Formation of other cutaneous ureterostomy Anastomosis of ureter to skin **Ureterostomy NOS** 56.62 Revision of other cutaneous ureterostomy Revision of ureterostomy stoma Excludes: nonoperative removal of ureterostomy tube (97.62) 56.7 Other anastomosis or bypass of ureter Excludes: ureteropyelostomy (55.86) 56.71 Urinary diversion to intestine Anastomosis of ureter to intestine Internal urinary diversion NOS Code also any synchronous colostomy (46.10-46.13) Excludes: external ureteral ileostomy (56.51) 56.72 Revision of ureterointestinal anastomosis Excludes: revision of external ureteral ileostomy (56.52) 56.73 Nephrocystanastomosis, not otherwise specified 56.74 Ureteroneocystostomy Replacement of ureter with bladder flap Ureterovesical anastomosis 56.75 Transureteroureterostomy Excludes: ureteroureterostomy associated with partial resection (56.41) 56.79 Other

## 56.8 Repair of ureter

### 56.81 Lysis of intraluminal adhesions of ureter

Excludes: Ivsis of periureteral adhesions (59.02-59.03)

ureterolysis (59.02-59.03)

- 56.82 Suture of laceration of ureter
- 56.83 Closure of ureterostomy
- 56.84 Closure of other fistula of ureter
- 56.85 Ureteropexy
- 56.86 Removal of ligature from ureter

#### 56.89 Other repair of ureter

Graft of ureter

Replacement of ureter with ileal segment implanted into bladder Ureteroplication

### 56.9 Other operations on ureter

- 56.91 Dilation of ureteral meatus
- 56.92 Implantation of electronic ureteral stimulator
- 56.93 Replacement of electronic ureteral stimulator
- 56.94 Removal of electronic ureteral stimulator

Excludes: that with synchronous replacement (56.93)

- 56.95 Ligation of ureter
- 56.99 Other

Excludes: removal of ureterostomy tube an ureteral catheter (97.62) ureteral catheterization (59.8)

#### Operations on urinary bladder 57

Code also any application or administration of an adhesion barrier substance (99.77)

Excludes: perivesical tissue (59.11-59.29, 59.91-59.92) ureterovesical orifice (56.0-56.99)

## 57.0 Transurethral clearance of bladder

Drainage of bladder without incision

Removal of:

blood clots from bladder without incision calculus from bladder without incision foreign body from bladder without incision

Excludes: that by incision (57.19)

#### 57.1 Cystotomy and cystostomy

Excludes: cystotomy and cystostomy as operative approach -- omit code

57.11 Percutaneous aspiration of bladder

#### 57.12 Lysis of intraluminal adhesions with incision into bladder

Excludes: transurethral lysis of intraluminal adhesions (57.41)

## 57.17 Percutaneous cystostomy Closed cystostomy Percutaneous suprapubic cystostomy Excludes: removal of cystostomy tube (97.63) replacement of cystostomy tube (59.94) 57.18 Other suprapubic cystostomy Excludes: percutaneous cystostomy (57.17) removal of cystostomy tub (97.63) replacement of cystostomy tube (59.94) 57.19 Other cystotomy Cystolithotomy Excludes: percutaneous cystostomy (57.17) suprapubic cystostomy (57.18) 57.2 Vesicostomy Excludes: percutaneous cystostomy (57.17) suprapubic cystostomy (57.18) 57.21 Vesicostomy Creation of permanent opening from bladder to skin using a bladder flap 57.22 Revision or closure of vesicostomy Excludes: closure of cvstostomy (57.82) 57.3 Diagnostic procedures on bladder 57.31 Cystoscopy through artificial stoma 57.32 Other cystoscopy Transurethral cystoscopy Excludes: cystourethroscopy with ureteral biopsy (56.33) retrograde pyelogram (87.74) that for control of hemorrhage (postoperative): bladder (57.93) prostate (60.94) 57.33 Closed [transurethral] biopsy of bladder 57.34 Open biopsy of bladder 57.39 Other diagnostic procedures on bladder Excludes: cvstoaram NEC (87.77) microscopic examination of specimen from bladder (91.31-91.39)retrograde cystourethrogram (87.76) therapeutic distention of bladder (96.25) 57.4 Transurethral excision or destruction of bladder tissue 57.41 Transurethral lysis of intraluminal adhesions 57.49 Other transurethral excision or destruction of lesion or tissue of bladder Endoscopic resection of bladder lesion Excludes: transurethral biopsy of bladder (57.33) transurethral fistulectomy (57.83-57.84)

#### 57.5 Other excision or destruction of bladder tissue

Excludes: that with transurethral approach (57.41-57.49)

#### 57.51 Excision of urachus

Excision of urachal sinus of bladder

Excludes: excision of urachal cyst of abdominal wall (54.3)

## 57.59 Open excision or destruction of other lesion or tissue of bladder

Endometrectomy of bladder

Suprapubic excision of bladder lesion Excludes: biopsy of bladder (57.33-57.34) fistulectomy of bladder (57.83-57.84)

## 57.6 Partial cystectomy

Excision of bladder dome Trigonectomy Wedge resection of bladder

### 57.7 Total cystectomy

Includes: total cystectomy with urethrectomy

## 57.71 Radical cystectomy

Pelvic exenteration in male

Removal of bladder, prostate, seminal vesicles, and fat Removal of bladder, urethra, and fat in a female

Code also any:

lymph node dissection (40.3, 40.5) urinary diversion (56.51-56.79)

Excludes: that as part of pelvic exenteration in female (68.8)

#### 57.79 Other total cystectomy

## 57.8 Other repair of urinary bladder

Excludes: repair of:

current obstetric laceration (75.61) cystocele (70.50-70.51)

that for stress incontinence (59.3-59.79)

#### 57.81 Suture of laceration of bladder

## 57.82 Closure of cystostomy

#### 57.83 Repair of fistula involving bladder and intestine

Rectovesicovaginal fistulectomy Vesicosigmoidovaginal fistulectomy

#### 57.84 Repair of other fistula of bladder

Cervicovesical fistulectomy Urethroperineovesical fistulectomy Uterovesical fistulectomy Vaginovesical fistulectomy

Excludes: vesicoureterovagina fistulectomy (56.84)

#### 57.85 Cystourethroplasty and plastic repair of bladder neck

Plication of sphincter of urinary bladder V-Y plasty of bladder neck

## 57.86 Repair of bladder exstrophy

## 57.87 Reconstruction of urinary bladder Anastomosis of bladder with isolated segment of ileum Augmentation of bladder Replacement of bladder with ileum or sigmoid [closed ileal bladder] Code also resection of intestine (45.50-45.52) 57.88 Other anastomosis of bladder Anastomosis of bladder to intestine NOS Cystocolic anastomosis Excludes: formation of closed ilea bladder (57.87) 57.89 Other repair of bladder Bladder suspension, not elsewhere classified Cystopexy NOS Repair of old obstetric laceration of bladder Excludes: repair of current obstetric laceration (75.61) 57.9 Other operations on bladder 57.91 Sphincterotomy of bladder Division of bladder neck 57.92 Dilation of bladder neck 57.93 Control of (postoperative) hemorrhage of bladder 57.94 Insertion of indwelling urinary catheter 57.95 Replacement of indwelling urinary catheter 57.96 Implantation of electronic bladder stimulator 57.97 Replacement of electronic bladder stimulator 57.98 Removal of electronic bladder stimulator Excludes: that with synchronou replacement (57.97) 57.99 Other **Excludes**: irrigation of: cystostomy (96.47) other indwelling urinary catheter (96.48) lysis of external adhesions (59.11) removal of: cystostomy tube (97.63) other urinary drainage devic (97.64) therapeutic distention of bladder (96.25)

## 58 Operations on urethra

Includes: operations on:

bulbourethral gland [Cowper's gland]

periurethral tissue

Code also any application or administration of an adhesion barrier substance (99.77)

## 58.0 Urethrotomy

Excision of urethral septum

Formation of urethrovaginal fistula

Perineal urethrostomy

Removal of calculus from urethra by incision

Excludes: drainage of bulbourethral gland or periurethral tissue (58.91)

internal urethral meatotomy (58.5)

removal of urethral calculus without incision (58.6)

## 58.1 Urethral meatotomy

Excludes: internal urethral meatotomy (58.5)

### 58.2 Diagnostic procedures on urethra

58.21 Perineal urethroscopy

58.22 Other urethroscopy

58.23 Biopsy of urethra

58.24 Biopsy of periurethral tissue

### 58.29 Other diagnostic procedures on urethra and periurethral tissue

Excludes: microscopic examination of specimen from urethra

(91.31-91.39)

retrograde cystourethrogram (87.76)

urethral pressure profil (89.25)

urethral sphincter electromyogram (89.23)

## 58.3 Excision or destruction of lesion or tissue of urethra

Excludes: biopsy of urethra (58.23)

excision of bulbourethral gland (58.92)

fistulectomy (58.43)

urethrectomy as part of:

complete cystectomy (57.79)

pelvic evisceration (68.8)

radical cystectomy (57.71)

## 58.31 Endoscopic excision or destruction of lesion or tissue of urethra Fulguration of urethral lesion

## 58.39 Other local excision or destruction of lesion or tissue of urethra

Excision of:

congenital valve of urethra

lesion of urethra

stricture of urethra

Urethrectomy

Excludes: that by endoscopic approach (58.31)

### 58.4 Repair of urethra

Excludes: repair of current obstetric laceration (75.61)

58.41 Suture of laceration of urethra

58.42 Closure of urethrostomy

### 58.43 Closure of other fistula of urethra

Excludes: repair of urethroperineovesical fistula (57.84)

58.44 Reanastomosis of urethra

Anastomosis of urethra

58.45 Repair of hypospadias or epispadias

58.46 Other reconstruction of urethra

Urethral construction

58.47 Urethral meatoplasty

58.49 Other repair of urethra

Benenenti rotation of bulbous urethra Repair of old obstetric laceration of urethra Urethral plication

Excludes: repair of:

current obstetric laceration (75.61) urethrocele (70.50-70.51)

## 58.5 Release of urethral stricture

Cutting of urethral sphincter Internal urethral meatotomy Urethrolysis

#### 58.6 Dilation of urethra

Dilation of urethrovesical junction Passage of sounds through urethra Removal of calculus from urethra without incision

Excludes: urethral calibration (89.29)

## 58.9 Other operations on urethra and periurethral tissue

58.91 Incision of periurethral tissue

Drainage of bulbourethral gland

58.92 Excision of periurethral tissue

Excludes: biopsy of periurethral tissue (58.24)
lysis of periurethral adhesions
laparoscopic (59.12)
other (59.11)

#### 58.93 Implantation of artificial urinary sphincter [AUS]

Placement of inflatable:

bladder sphincter urethral sphincter

Removal with replacement of sphincter device [AUS]

With pump and/or reservoir

#### 58.99 Other

Removal of inflatable urinary sphincter without replacement Repair of inflatable sphincter pump and/or reservoir Surgical correction of hydraulic pressure of inflatable sphincter device

Excludes: removal of:

intraluminal foreign body from urethra without incision (98.19)

urethral stent (97.65)

## 59 Other operations on urinary tract

Code also any application or administration of an adhesion barrier substance (99.77)

## 59.0 Dissection of retroperitoneal tissue

- 59.00 Retroperitoneal dissection, not otherwise specified
- 59.02 Other lysis of perirenal or periureteral adhesions

Excludes: that by laparoscope (59.03)

- 59.03 Laparoscopic lysis of perirenal or periureteral adhesions
- 59.09 Other incision of perirenal or periureteral tissue Exploration of perinephric area Incision of perirenal abscess

## 59.1 Incision of perivesical tissue

- 59.11 Other lysis of perivesical adhesions
- 59.12 Laparoscopic lysis of perivesical adhesions
- 59.19 Other incision of perivesical tissue

Exploration of perivesical tissue Incision of hematoma of space of Retzius Retropubic exploration

## 59.2 Diagnostic procedures on perirenal and perivesical tissue

- 59.21 Biopsy of perirenal or perivesical tissue
- 59.29 Other diagnostic procedures on perirenal tissue, perivesical tissue, and retroperitoneum

Excludes: microscopic examination of specimen from: perirenal tissue (91.21-91.29) perivesical tissue (91.31-91.39) retroperitoneum NEC (91.11-91.19) retroperitoneal x-ray (88.14-88.16)

## 59.3 Plication of urethrovesical junction

Kelly-Kennedy operation on urethra Kelly-Stoeckel urethral plication

## 59.4 Suprapubic sling operation

Goebel-Frangenheim-Stoeckel urethrovesical suspension Millin-Read urethrovesical suspension Oxford operation for urinary incontinence Urethrocystopexy by suprapubic suspension

## 59.5 Retropubic urethral suspension

Burch procedure Marshall-Marchetti-Krantz operation Suture of periurethral tissue to symphysis pubis **Urethral** suspension NOS

## 59.6 Paraurethral suspension

Perevra paraurethral suspension Periurethral suspension







## 59.7 Other repair of urinary stress incontinence

### 59.71 Levator muscle operation for urethrovesical suspension

Cystourethropexy with levator muscle sling Gracilis muscle transplant for urethrovesical suspension Pubococcygeal sling

## 59.72 Injection of implant into urethra and/or bladder neck

Collagen implant Endoscopic injection of implant Fat implant Polytef implant

#### 59.79 Other

Anterior urethropexy Repair of stress incontinence NOS Tudor "rabbit ear" urethropexy

#### 59.8 Ureteral catheterization

Drainage of kidney by catheter Insertion of ureteral stent Ureterovesical orifice dilation Code also any ureterotomy (56.2)

**Excludes**: that for:

retrograde pyelogram (87.74) transurethral removal of calculus or clot from ureter and renal pelvis (56.0)

## 59.9 Other operations on urinary system

Excludes: nonoperative removal of therapeutic device (97.61-97.69)

### 59.91 Excision of perirenal or perivesical tissue

Excludes: biopsy of perirenal or perivesical tissue (59.21)

#### 59.92 Other operations on perirenal or perivesical tissue

#### 59.93 Replacement of ureterostomy tube

Change of ureterostomy tube Reinsertion of ureterostomy tube

*Excludes:* nonoperative removal of ureterostomy tube (97.62)

#### 59.94 Replacement of cystostomy tube

Excludes: nonoperative removal of cystostomy tube (97.63)

### 59.95 Ultrasonic fragmentation of urinary stones

Shattered urinary stones

Excludes: percutaneous nephrostomy with fragmentation (55.04) shock-wave disintegratio (98.51)

#### 59.99 Other

Excludes: instillation of medication into urinary tract (96.49) irrigation of urinary tract (96.45-96.48)

#### 11. OPERATIONS ON THE MALE GENITAL ORGANS (60-64)

## 60 Operations on prostate and seminal vesicles

Includes: operations on periprostatic tissue

Code also any application or administration of an adhesion barrier substance (99.77)

(99.77)

Excludes: that associated with radical cystectomy (57.71)

### 60.0 Incision of prostate

Drainage of prostatic abscess

Prostatolithotomy

Excludes: drainage of periprostatic tissue only (60.81)

#### 60.1 Diagnostic procedures on prostate and seminal vesicles

60.11 Closed [percutaneous] [needle] biopsy of prostate

Approach:

transrectal

transurethral

Punch biopsy

### 60.12 Open biopsy of prostate

60.13 Closed [percutaneous] biopsy of seminal vesicles

Needle biopsy of seminal vesicles

60.14 Open biopsy of seminal vesicles
60.15 Biopsy of periprostatic tissue

60.18 Other diagnostic procedures on prostate and periprostatic tissue

Excludes: microscopic examination of specimen from prostate (91.31-91.39)

x-ray of prostate (87.92)

## 60.19 Other diagnostic procedures on seminal vesicles

Excludes: microscopic examination of specimen from seminal vesicles

<u>(91.31-91.39)</u>

x-ray:

contrast seminal vesiculogra (87.91)

other (87.92)

### 60.2 Transurethral prostatectomy

Excludes: local excision of lesion of prostate (60.61)

# 60.21 Transurethral (ultrasound) guided laser induced prostatectomy (TULIP)

Ablation (contact) (noncontact) by laser

#### 60.29 Other transurethral prostatectomy

Excision of median bar by transurethral approach

Transurethral electrovaporization of prostrate (TEVAP)

Transurethral enucleative procedure

Transurethral prostatectomy NOS

Transurethral resection of prostate (TURP)

Excludes: local excision of lesion of prostate (60.61) radical prostatectomy (60.5)

60.3 Suprapubic prostatectomy
Transvesical prostatectomy

## 60.4 Retropubic prostatectomy Excludes: local excision of lesion of prostate (60.61) radical prostatectomy (60.5) 60.5 Radical prostatectomy Prostatovesiculectomy Radical prostatectomy by any approach Excludes: cvstoprostatectomy (57.71) 60.6 Other prostatectomy 60.61 Local excision of lesion of prostate Excludes: biopsy of prostate (60.11-60.12) laser interstitial thermal therapy [LITT] of lesion or tissue of prostate under guidance (17.69) 60.62 Perineal prostatectomy Cryoablation of prostate Cryoprostatectomy Cryosurgery of prostate Radical cryosurgical ablation of prostate (RCSA) Excludes: local excision of lesion of prostate (60.61) 60.69 Other 60.7 Operations on seminal vesicles 60.71 Percutaneous aspiration of seminal vesicle Excludes: needle biopsy of seminal vesicle (60.13) 60.72 Incision of seminal vesicle 60.73 Excision of seminal vesicle Excision of Müllerian duct cvst Spermatocystectomy Excludes: biopsy of seminal vesicle (60.13-60.14) prostatovesiculectomy (60.5) 60.79 Other operations on seminal vesicles 60.8 Incision or excision of periprostatic tissue 60.81 Incision of periprostatic tissue Drainage of periprostatic abscess 60.82 Excision of periprostatic tissue Excision of lesion of periprostatic tissue Excludes: biopsy of periprostatic tissue (60.15) 60.9 Other operations on prostate 60.91 Percutaneous aspiration of prostate Excludes: needle biopsy of prostat (60.11) 172 OR procedure Non OR procedure but affects ThaiDRG

60.92 Injection into prostate test link 60.93 Repair of prostate 60.94 Control of (postoperative) hemorrhage of prostate Coagulation of prostatic bed Cystoscopy for control of prostatic hemorrhage 60.95 Transurethral balloon dilation of the prostatic urethra 60.96 Transurethral destruction of prostate tissue by microwave thermotherapy Transurethral microwave thermotherapy (TUMT) of prostate Excludes: Prostatectomy: other (60.61 - 60.69) radical (60.5) retropubic (60.4) suprapubic (60.3) transurethral (60.21 - 60.29) 60.97 Other transurethral destruction of prostate tissue by other thermotherapy Radiofrequency thermotherapy Transurethral needle ablation (TUNA) of prostate **Excludes**: Prostatectomy: other (60.61 - 60.69) radical (60.5) retropubic (60.4) suprapubic (60.3) transurethral (60.21 - 60.29) 60.99 Other Excludes: prostatic massage (99.94) 61 Operations on scrotum and tunica vaginalis 61.0 Incision and drainage of scrotum and tunica vaginalis Excludes: percutaneous aspiration of hydrocele (61.91) 61.1 Diagnostic procedures on scrotum and tunica vaginalis 61.11 Biopsy of scrotum or tunica vaginalis 61.19 Other diagnostic procedures on scrotum and tunica vaginalis 61.2 Excision of hydrocele (of tunica vaginalis) Bottle repair of hydrocele of tunica vaginalis Excludes: percutaneous aspiration of hydrocele (61.91) 61.3 Excision or destruction of lesion or tissue of scrotum Fulguration of lesion of scrotum Reduction of elephantiasis of scrotum Partial scrotectomy of scrotum Excludes: biopsy of scrotum (61.11) scrotal fistulectomy (61.42)

## 61.4 Repair of scrotum and tunica vaginalis

- 61.41 Suture of laceration of scrotum and tunica vaginalis
- 61.42 Repair of scrotal fistula
- 61.49 Other repair of scrotum and tunica vaginalis
  Reconstruction with rotational or pedicle flaps

## 61.9 Other operations on scrotum and tunica vaginalis

- 61.91 Percutaneous aspiration of tunica vaginalis
  Aspiration of hydrocele of tunica vaginalis
- 61.92 Excision of lesion of tunica vaginalis other than hydrocele Excision of hematocele of tunica vaginalis
- 61.99 Other

Excludes: removal of foreign body from scrotum without incision (98.24)

## 62 Operations on testes

- 62.0 Incision of testis
- 62.1 Diagnostic procedures on testes
  - 62.11 Closed [percutaneous] [needle] biopsy of testis
  - 62.12 Open biopsy of testis
  - 62.19 Other diagnostic procedures on testes

## 62.2 Excision or destruction of testicular lesion

Excision of appendix testis
Excision of cyst of Morgagni in the male

Excludes: biopsy of testis (62.11-62.12)

#### 62.3 Unilateral orchiectomy

Orchidectomy (with epididymectomy) NOS

## 62.4 Bilateral orchiectomy

Male castration

Radical bilateral orchiectomy (with epididymectomy)

Code also any synchronous lymph node dissection (40.3, 40.5)

- 62.41 Removal of both testes at same operative episode
  Bilateral orchidectomy NOS
- 62.42 Removal of remaining testis
  Removal of solitary testis

## 62.5 Orchiopexy

Mobilization and replacement of testis in scrotum
Orchiopexy with detorsion of testis
Torek (-Bevan) operation (orchidopexy) (first stage) (second stage)
Transplantation to and fixation of testis in scrotum

## 62.6 Repair of testes

Excludes: reduction of torsion (63.52)

- 62.61 Suture of laceration of testis
- 62.69 Other repair of testis Testicular graft
- 62.7 Insertion of testicular prosthesis
- 62.9 Other operations on testes
  - 62.91 Aspiration of testis

Excludes: percutaneous biopsy of testis (62.11)

- 62.92 Injection of therapeutic substance into testis
- 62.99 Other
- 63 Operations on spermatic cord, epididymis, and vas deferens
- 63.0 Diagnostic procedures on spermatic cord, epididymis, and vas deferens
  - 63.01 Biopsy of spermatic cord, epididymis, or vas deferens
  - 63.09 Other diagnostic procedures on spermatic cord, epididymis, and vas deferens

Excludes: contrast epididymogram (87.93) contrast vasoaram (87.94) other x-ray of epididymis and vas deferens (87.95)

- 63.1 Excision of varicocele and hydrocele of spermatic cord High ligation of spermatic vein Hydrocelectomy of canal of Nuck
- 63.2 Excision of cyst of epididymis Spermatocelectomy
- 63.3 Excision of other lesion or tissue of spermatic cord and epididymis

Excision of appendix epididymis

Excludes: biopsy of spermatic cord or epididymis (63.01)

63.4 Epididymectomy

Excludes: that synchronous with orchiectomy (62.3-62.42)

- 63.5 Repair of spermatic cord and epididymis
  - 63.51 Suture of laceration of spermatic cord and epididymis
  - 63.52 Reduction of torsion of testis or spermatic cord

Excludes: that associated with orchiopexy (62.5)

- 63.53 Transplantation of spermatic cord
- 63.59 Other repair of spermatic cord and epididymis

**63.6 Vasotomy**Vasostomy

63.7 Vasectomy and ligation of vas deferens				
63.70 Male sterilization procedure, not otherwise specified				
63.71 Ligation of vas deferens				
Crushing of vas deferens Division of vas deferens				
63.72 Ligation of spermatic cord				
63.73 Vasectomy				
63.8 Repair of vas deferens and epididymis				
63.81 Suture of laceration of vas deferens and epididymis				
63.82 Reconstruction of surgically divided vas deferens				
63.83 Epididymovasostomy				
63.84 Removal of ligature from vas deferens				
63.85 Removal of valve from vas deferens				
63.89 Other repair of vas deferens and epididymis				
63.9 Other operations on spermatic cord, epididymis, and vas deferens				
63.91 Aspiration of spermatocele				
63.92 Epididymotomy				
63.93 Incision of spermatic cord				
63.94 Lysis of adhesions of spermatic cord				
63.95 Insertion of valve in vas deferens				
63.99 Other				
64 Operations on penis				
Includes: operations on:				
corpora cavernosa				
glans penis				
prepuce				
64.0 Circumcision				
64.1 Diagnostic procedures on the penis				
64.11 Biopsy of penis				
64.19 Other diagnostic procedures on penis				
64.2 Local excision or destruction of lesion of penis				
Excludes: biopsy of penis (64.11)				
64.3 Amputation of penis				
64.4 Repair and plastic operation on penis				
64.41 Suture of laceration of penis				
176				
176 OR procedure Non OR procedure but affects ThaiDRG				

- 64.42 Release of chordee 64.43 Construction of penis
- 64.44 Reconstruction of penis
- 64.45 Replantation of penis Reattachment of amputated penis
- 64.49 Other repair of penis

Excludes: repair of epispadias and hypospadias (58.45)

## 64.5 Operations for sex transformation, not elsewhere classified

## 64.9 Other operations on male genital organs

- 64.91 Dorsal or lateral slit of prepuce
- 64.92 Incision of penis
- 64.93 Division of penile adhesions
- 64.94 Fitting of external prosthesis of penis Penile prosthesis NOS

### 64.95 Insertion or replacement of non-inflatable penile prosthesis Insertion of semi-rigid rod prosthesis into shaft of penis

```
Excludes: external penile prosthesis (64.94)
         inflatable penile prosthesis (64.97)
         plastic repair, penis (64.43-64.49)
         that associated with:
           construction (64.43)
           reconstruction (64.44)
```

#### 64.96 Removal of internal prosthesis of penis

Removal without replacement of non-inflatable or inflatable penile prosthesis

### 64.97 Insertion or replacement of inflatable penile prosthesis

Insertion of cylinders into shaft of penis and placement of pump and reservoir

Excludes: external penile prosthesis (64.94) non-inflatable penile prosthesi s (64.95) plastic repair, penis (64.43-64.49)

#### 64.98 Other operations on penis

Corpora cavernosa-corpus spongiosum shunt Corpora-saphenous shunt

Irrigation of corpus cavernosum

Excludes: removal of foreign body: intraluminal (98.19) without incision (98.24) stretching of foreskin (99.95)

#### 64.99 Other

Excludes: collection of sperm fo artificial insemination (99.96)

#### 12. OPERATIONS ON THE FEMALE GENITAL ORGANS (65-71)

## 65 Operations on ovary

Code also any application or administration of an adhesion barrier substance (99.77)

### 65.0 Oophorotomy

Salpingo-oophorotomy

- 65.01 Laparoscopic oophorotomy
- 65.09 Other oophorotomy

## 65.1 Diagnostic procedures on ovaries

- 65.11 Aspiration biopsy of ovary
- 65.12 Other biopsy of ovary
- 65.13 Laparoscopic biopsy of ovary
- 65.14 Other laparoscopic diagnostic procedures on ovaries
- 65.19 Other diagnostic procedures on ovaries

Excludes: microscopic examination of specimen from ovary (91.41-91.49)

### 65.2 Local excision or destruction of ovarian lesion or tissue

65.21 Marsupialization of ovarian cvst

Excludes: that by laparoscope (65.23)

65.22 Wedge resection of ovary

Excludes: that by laparoscope (65.24)

- 65.23 Laparoscopic marsupialization of ovarian cyst
- 65.24 Laparoscopic wedge resection of ovary
- 65.25 Other laparoscopic local excision or destruction of ovary
- 65.29 Other local excision or destruction of ovary

Bisection of ovary Cauterization of ovary Partial excision of ovary

Excludes: biopsy of ovary (65.11-65.13) that by laparoscope (65.25)

#### 65.3 Unilateral oophorectomy

- 65.31 Laparoscopic unilateral oophorectomy
- 65.39 Other unilateral oophorectomy

Excludes: that by laparoscope (65.31)

#### 65.4 Unilateral salpingo-oophorectomy

- 65.41 Laparoscopic unilateral salpingo-oophorectomy
- 65.49 Other unilateral salpingo-oophorectomy

## 65.5 Bilateral oophorectomy

65.51 Other removal of both ovaries at same operative episode

Female castration

Excludes: that by laparoscope (65.53)

65.52 Other removal of remaining ovary

Removal of solitary ovary

Excludes: that by laparoscope (65.54)

- 65.53 Laparoscopic removal of both ovaries at same operative episode
- 65.54 Laparoscopic removal of remaining ovary

## 65.6 Bilateral salpingo-oophorectomy

65.61 Other removal of both ovaries and tubes at same operative episode

Excludes: that by laparoscope (65.63)

65.62 Other removal of remaining ovary and tube

Removal of solitary ovary and tube Excludes: that by laparoscope (65.64)

- 65.63 Laparoscopic removal of both ovaries and tubes at same operative episode
- 65.64 Laparoscopic removal of remaining ovary and tube

### 65.7 Repair of ovary

Excludes: salpingo-oophorostomy (66.72)

65.71 Other simple suture of ovary

Excludes: that by laparoscope (65.74)

65.72 Other reimplantation of ovary

Excludes: that by laparoscope (65.75)

65.73 Other salpingo-oophoroplasty

Excludes: that by laparoscope (65.76)

- 65.74 Laparoscopic simple suture of ovary
- 65.75 Laparoscopic reimplantation of ovary
- 65.76 Laparoscopic salpingo-oophoroplasty
- 65.79 Other repair of ovary

Oophoropexy

## 65.8 Lysis of adhesions of ovary and fallopian tube

- 65.81 Laparoscopic lysis of adhesions of ovary and fallopian tube
- 65.89 Other lysis of adhesions of ovary and fallopian tube

Excludes: that by laparoscope (65.81)

## 65.9 Other operations on ovary

65.91 Aspiration of ovary

Excludes: aspiration biopsy of ovary (65.11)



## 65.92 Transplantation of ovary

**Excludes**: reimplantation of ovary *laparoscopic* (65.75) other (65.72)

- 65.93 Manual rupture of ovarian cyst
- 65.94 Ovarian denervation
- 65.95 Release of torsion of ovary
- 65.99 Other

Ovarian drilling

## 66 Operations on fallopian tubes

Code also any application or administration of an adhesion barrier substance (99.77)

## 66.0 Salpingotomy and salpingostomy

- 66.01 Salpingotomy
- 66.02 Salpingostomy

## 66.1 Diagnostic procedures on fallopian tubes

- 66.11 Biopsy of fallopian tube
- 66.19 Other diagnostic procedures on fallopian tubes

Excludes: microscopic examination of specimen from fallopian tubes (91.41-91.49)radiography of fallopian tubes (87.82-87.83, 87.85) Rubin's test (66.8)

## 66.2 Bilateral endoscopic destruction or occlusion of fallopian tubes

Includes: bilateral endoscopic destruction or occlusion of fallopian tubes by:

culdoscopy endoscopy hysteroscopy laparoscopy

peritoneoscopy

endoscopic destruction of solitary fallopian tube

- 66.21 Bilateral endoscopic ligation and crushing of fallopian tubes
- 66.22 Bilateral endoscopic ligation and division of fallopian tubes
- 66.29 Other bilateral endoscopic destruction or occlusion of fallopian tubes

## 66.3 Other bilateral destruction or occlusion of fallopian tubes

Includes: destruction of solitary fallopian tube

Excludes: endoscopic destruction or occlusion of fallopian tubes (66.21-66.29)

- 66.31 Other bilateral ligation and crushing of fallopian tubes
- 66.32 Other bilateral ligation and division of fallopian tubes

	Pomeroy operation					
66.39 Other bilateral destruction or occlusion of fallopian tubes Female sterilization operation NOS						
180	1 .1 OR procedure	Non OR procedure but affects ThaiDRG				

## 66.4 Total unilateral salpingectomy

## 66.5 Total bilateral salpingectomy

Excludes: bilateral partial salpingectomy for sterilization (66.39) that with oophorectomy (65.61-65.64)

- 66.51 Removal of both fallopian tubes at same operative episode
- 66.52 Removal of remaining fallopian tube Removal of solitary fallopian tube

## 66.6 Other salpingectomy

Includes: salpingectomy by: cauterization coagulation electrocoagulation

Excludes: fistulectomy (66.73)

66.61 Excision or destruction of lesion of fallopian tube

Excludes: biopsy of fallopian tube (66.11)

- 66.62 Salpingectomy with removal of tubal pregnancy Code also any synchronous oophorectomy (65.31, 65.39)
- 66.63 Bilateral partial salpingectomy, not otherwise specified
- 66.69 Other partial salpingectomy

## 66.7 Repair of fallopian tube

- 66.71 Simple suture of fallopian tube
- 66.72 Salpingo-oophorostomy
- 66.73 Salpingo-salpingostomy
- 66.74 Salpingo-uterostomy
- 66.79 Other repair of fallopian tube

Graft of fallopian tube Reopening of divided fallopian tube Salpingoplasty

## 66.8 Insufflation of fallopian tube

Insufflation of fallopian tube with:

air dye aas saline Rubin's test

Excludes: insufflation of therapeutic agent (66.95) that for hysterosalpingography (87.82-87.83)

# 66.9 Other operations on fallopian tubes

- 66.91 Aspiration of fallopian tube
- 66.92 Unilateral destruction or occlusion of fallopian tube

Excludes: that of solitary tube (66.21-66.39)



66.93 Implantation or replacement of prosthesis of fallopian tube

66.95 Insufflation of therapeutic agent into fallopian tubes

66.94 Removal of prosthesis of fallopian tube

66.96 Dilation of fallopian tube

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66.97 Burying of fimbriae in uterine wall
     66.99 Other
            Excludes: Ivsis of adhesions of ovary and tube
                       laparoscopic (65.81)
                       other (65.89)
67 Operations on cervix
     Code also any application or administration of an adhesion barrier substance
       (99.77)
67.0 Dilation of cervical canal
     Excludes: dilation and curettage (69.01-69.09)
               that for induction of labor (73.1)
67.1 Diagnostic procedures on cervix
     67.11 Endocervical biopsy
            Excludes: conization of cervix (67.2)
     67.12 Other cervical biopsy
             Punch biopsy of cervix NOS
            Excludes: conization of cervix (67.2)
     67.19 Other diagnostic procedures on cervix
            Excludes: microscopic examination of specimen from cervix
                      (91.41-91.49)
67.2 Conization of cervix
     Excludes: that by:
                   cryosurgery (67.33)
                   electrosurgery (67.32)
67.3 Other excision or destruction of lesion or tissue of cervix
     67.31 Marsupialization of cervical cyst
     67.32 Destruction of lesion of cervix by cauterization
             Electroconization of cervix
             LEEP (loop electrosurgical excision procedure)
             LLETZ (large loop excision of the transformation zone)
     67.33 Destruction of lesion of cervix by cryosurgery
             Cryoconization of cervix
     67.39 Other excision or destruction of lesion or tissue of cervix
            Excludes: biopsy of cervix (67.11-67.12)
                     cervical fistulectomy (67.62)
                     conization of cervix (67.2)
67.4 Amputation of cervix
        Cervicectomy with synchronous colporrhaphy
182
            OR procedure Non OR procedure but affects ThaiDRG
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# 67.5 Repair of internal cervical os 67.51 Transabdominal cerclage of cervix

## 67.59 Other repair of internal cervical os

Cerclage of isthmus uteri McDonald operation Shirodkar operation Transvaginal cerclage

Excludes: laparoscopically assisted supracervical hysterectomy

[LASH] (68.31)

transabdominal cerclage of cervix (67.51)

#### 67.6 Other repair of cervix

Excludes: repair of current obstetric laceration (75.51)

### 67.61 Suture of laceration of cervix

## 67.62 Repair of fistula of cervix

Cervicosigmoidal fistulectomy

Excludes: fistulectomy:

cervicovesical (57.84) ureterocervical (56.84) vesicocervicovaginal (57.84)

## 67.69 Other repair of cervix

Repair of old obstetric laceration of cervix

## Other incision and excision of uterus

Code also any application or administration of an adhesion barrier substance (99.77)

#### 68.0 Hysterotomy

Hysterotomy with removal of hydatidiform mole

Excludes: hysterotomy for termination of pregnancy (74.91)

## 68.1 Diagnostic procedures on uterus and supporting structures

#### 68.11 Digital examination of uterus

Excludes: pelvic examination, so describe (89,26) postpartal manual exploration of uterine cavity (75.7)

#### 68.12 Hysteroscopy

Excludes: that with biopsy (68.16)

#### 68.13 Open biopsy of uterus

Excludes: closed biopsy of uterus (68.16)

### 68.14 Open biopsy of uterine ligaments

Excludes: closed biopsy of uterine ligaments (68.15)

## 68.15 Closed biopsy of uterine ligaments

Endoscopic (laparoscopy) biopsy of uterine adnexa, except ovary and fallopian tube

#### 68.16 Closed biopsy of uterus

Endoscopic (laparoscopy) hysteroscopy) biopsy of uterus

Excludes: open biopsy of uterus (68.13)



aspiration curettage (69.59) dilation and curettage (69.09)

(91.41-91.49) pelvic examination (89.26)

**Excludes**: diagnostic:

68.19 Other diagnostic procedures on uterus and supporting structures

microscopic examination of specimen from uterus

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radioisotope scan of:
                       placenta (92.17)
                       uterus (92.19)
                     ultrasonography of uterus (88.78-88.79)
                     x-ray of uterus (87.81-87.89)
68.2 Excision or destruction of lesion or tissue of uterus
     68.21 Division of endometrial synechiae
             Lysis of intraluminal uterine adhesions
     68.22 Incision or excision of congenital septum of uterus
     68.23 Endometrial ablation
             Dilation and curettage
             Hysteroscopic endometrial ablation
     68.24 Uterine artery embolization [UAE] with coils 🎏
            Excludes: that without coils (68.25)
     68.25 Uterine artery embolization [UAE] without coils W
             Includes that by:
                 gelatin sponge gelfoam microspheres
                 particulate agent NOS
                 polyvinyl alcohol [PVA]
                 spherical embolics
            Excludes: that with coils (68.24)
     68.29 Other excision or destruction of lesion of uterus
             Uterine myomectomy
            Excludes: biopsy of uterus (68.13, 68.16)
                     uterine fistulectomy (69.42)
68.3 Subtotal abdominal hysterectomy
     68.31 Laparoscopic supracervical hysterectomy [LSH]
             Classic infrafascial SEMM hysterectomy [CISH]
             Laparoscopically assisted supracervical hysterectomy [LASH]
     68.39 Other and unspecified subtotal abdominal hysterectomy, NOS
             Supracervical hysterectomy
            Excludes: classic infrafascial SEMM hysterectomy [CISH] (68.31)
                     laparoscopic supracervical hysterectomy [LSH] (68.31)
68.4 Total abdominal hysterectomy
        Hysterectomy:
          extended
     Code also any synchronous removal of tubes and ovaries (65.31-65.64)
     Excludes: radical abdominal hysterectomy, any approach (68.61 - 68.69)
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            OR procedure Non OR procedure but affects ThaiDRG
```

#### 68.41 Laparoscopic total abdominal hysterectomy Total laparoscopic hysterectomy [TLH]

## 68.49 Other and unspecified total abdominal hysterectomy

Hysterectomy: extended

Excludes: laparoscopic total abdominal hysterectomy (68.41)

## 68.5 Vaginal hysterectomy

Code also any synchronous:

removal of tubes and ovaries (65.31-65.64) repair of cystocele or rectocele (70.50-70.52) repair of pelvic floor (70.79)

68.51 Laparoscopically assisted vaginal hysterectomy (LAVH)

#### 68.59 Other and unspecified vaginal hysterectomy

Excludes: laparoscopically assisted vaginal hysterectomy (LAVH) (68.51) radical vaginal hysterectomy (68.7)

## 68.6 Radical abdominal hysterectomy

Code also any synchronous:

lymph gland dissection (40.3, 40.5) removal of tubes and ovaries (65.31-65.64)

Excludes: pelvic evisceration (68.8)

#### 68.61 Laparoscopic radical abdominal hysterectomy

Laparoscopic modified radical hysterectomy Total laparoscopic radical hysterectomy [TLRH]

#### 68.69 Other and unspecified radical abdominal hysterectomy

Modified radical hysterectomy Wertheim's operation

Excludes: laparoscopic total abdominal hysterectomy (68.41) laparoscopic radical abdominal hysterectomy (68.61)

# 68.7 Radical vaginal hysterectomy

Code also any synchronous:

lymph gland dissection (40.3, 40.5) removal of tubes and ovaries (65.31-65.64)

Excludes: abdominal hysterectomy, any approach (68.31-68.39, 68.41-68.49, 68.61-68.69, 68.9)

## 68.71 Laparoscopic radical vaginal hysterectomy [LRVH]

#### 68.79 Other and unspecified radical vaginal hysterectomy

Hysterocolpectomy Schauta operation

#### 68.8 Pelvic evisceration

Removal of ovaries, tubes, uterus, vagina, bladder, and urethra (with removal of sigmoid colon and rectum)

Code also any synchronous:

colostomy (46.12-46.13) lymph gland dissection (40.3, 40.5) urinary diversion (56.51-56.79)



**68.9 Other and unspecified hysterectomy** Hysterectomy NOS

	Exclud	es: abdominal hysterectomy, any approach ( <u>68.31-68.39,</u> <u>68.41-68.49, 68.61-68.69,</u> )
		vaginal hysterectomy, any approach ( <u>68.51</u> - <u>68.59</u> , <u>68.71-68.79</u> )
69		r operations on uterus and supporting structures
	Code a (99.7	also any application or administration of an adhesion barrier substance (77)
69.0	Dilati	ion and curettage of uterus
	Exclud	es: aspiration curettage of uterus <u>(69.51-69.59)</u>
	69.01	Dilation and curettage for termination of pregnancy
		Dilation and curettage following delivery or abortion
	69.09	Other dilation and curettage Diagnostic D and C
69.1		ion or destruction of lesion or tissue of uterus and porting structures
		Other excision or destruction of uterus and supporting structures
		Excludes: biopsy of uterine ligamen (68.14)
69.2	Repa	ir of uterine supporting structures
	-	Interposition operation Watkins procedure
	69.22	Other uterine suspension Hysteropexy Manchester operation Plication of uterine ligament
	69.23	Vaginal repair of chronic inversion of uterus
		Other repair of uterus and supporting structures
69.3	Parac	cervical uterine denervation
69.4	Uteri	ne repair
	Exclud	es: repair of current obstetric laceration (75.50-75.52)
	69.41	Suture of laceration of uterus
	69.42	Closure of fistula of uterus
		Excludes: uterovesical fistulectom (57.84)
	69.49	Other repair of uterus Repair of old obstetric laceration of uterus
69.5	Aspir	ration curettage of uterus
		es: menstrual extraction <u>(69.6)</u>
	69.51	Aspiration curettage of uterus for termination of pregnancy Therapeutic abortion NOS
	69.52	Aspiration curettage following delivery or abortion
186	1	OR procedure Non OR procedure but affects ThaiDRG

# 69.59 Other aspiration curettage of uterus 69.6 Menstrual extraction or regulation 69.7 Insertion of intrauterine contraceptive device 69.9 Other operations on uterus, cervix, and supporting structures Excludes: obstetric dilation or incision of cervix (73.1, 73.93) 69.91 Insertion of therapeutic device into uterus **Excludes**: insertion of: intrauterine contraceptive device (69.7) *laminaria* (69.93) obstetric insertion of bag, bougie, or pack (73.1) 69.92 Artificial insemination 69.93 Insertion of laminaria 69.94 Manual replacement of inverted uterus Excludes: that in immediate postpartal period (75.94) 69.95 Incision of cervix Excludes: that to assist delivery (73.93) 69.96 Removal of cerclage material from cervix 69.97 Removal of other penetrating foreign body from cervix Excludes: removal of intraluminal foreign body from cervix (98.16) 69.98 Other operations on supporting structures of uterus Excludes: biopsy of uterine ligamen (68.14) 69.99 Other operations on cervix and uterus Excludes: removal of: foreign body (98.16) *intrauterine contraceptive device* (97.71) obstetric bag, bougie, or pack (97.72) packing (97.72) 70 Operations on vagina and cul-de-sac Code also any application or administration of an adhesion barrier substance (99.77)70.0 Culdocentesis 70.1 Incision of vagina and cul-de-sac 70.11 Hymenotomy 70.12 Culdotomy 70.13 Lysis of intraluminal adhesions of vagina 70.14 Other vaginotomy Division of vaginal septum Drainage of hematoma of vaginal cuff

70.2 Diagnostic procedures on vagina and cul-de-sac

70.21 Vaginoscopy

```
70.22 Culdoscopy
     70.23 Biopsy of cul-de-sac
     70.24 Vaginal biopsy
     70.29 Other diagnostic procedures on vagina and cul- de-sac
70.3 Local excision or destruction of vagina and cul-de-sac
     70.31 Hymenectomy
     70.32 Excision or destruction of lesion of cul-de-sac
             Endometrectomy of cul-de-sac
            Excludes: biopsy of cul-de-sac (70.23)
     70.33 Excision or destruction of lesion of vagina
            Excludes: biopsy of vagina (70.24)
                     vaginal fistulectomy (70.72-70.75)
70.4 Obliteration and total excision of vagina
        Vaginectomy
     Excludes: obliteration of vaginal vault (70.8)
70.5 Repair of cystocele and rectocele
     70.50 Repair of cystocele and rectocele
            Excludes: repair of cystocele and rectocele with graft or prosthesis
                      (70.53)
     70.51 Repair of cystocele
             Anterior colporrhaphy (with urethrocele repair)
            Excludes: repair of cystocele and rectocele with graft or prosthesis
                      (70.53)
                      repair of cystocele with graft or prosthesis (70.54)
     70.52 Repair of rectocele
             Posterior colporrhaphy
            Excludes: STARR procedure (48.74)
                      repair of cystocele and rectocele with graft or prosthesis
                      repair of rectocele with graft or prosthesis (70.55)
     70.53 Repair of cystocele and rectocele with graft or prosthesis
            Use additional code for biological substance (70.94) or synthetic
               substance (70.95), if known
     70.54 Repair of cystocele with graft or prosthesis
              Anterior colporrhaphy (with urethrocele repair)
            Use additional code for biological substance (70.94) or synthetic
               substance (70.95), if known
     70.55 Repair of rectocele with graft or prosthesis
              Posterior colporrhaphy
            Use additional code for biological substance (70.94) or synthetic
               substance (70.95), if known
```

# 70.6 Vaginal construction and reconstruction 70.61 Vaginal construction 70.62 Vaginal reconstruction 70.63 Vaginal construction with graft or prosthesis Use additional code for biological substance (70.94) or synthetic substance (70.95), if known Excludes: vaginal construction (70.61) 70.64 Vaginal reconstruction with graft or prosthesis Use additional code for biological substance (70.94) or synthetic substance (70.95), if known Excludes: vaginal reconstruction (70.62) 70.7 Other repair of vagina Excludes: lysis of intraluminal adhesions (70.13) repair of current obstetric laceration (75.69) that associated with cervical amputation (67.4) 70.71 Suture of laceration of vagina 70.72 Repair of colovaginal fistula 70.73 Repair of rectovaginal fistula 70.74 Repair of other vaginoenteric fistula 70.75 Repair of other fistula of vagina Excludes: repair of fistula: rectovesicovaginal (57.83) ureterovaginal (56.84) urethrovaainal (58.43) uterovaginal (69.42) vesicocervicovaginal (57.84) vesicosigmoidovaginal (57.83) vesicoureterovaginal (56.84) vesicovaginal (57.84) 70.76 Hymenorrhaphy 70.77 Vaginal suspension and fixation 70.78 Vaginal suspension and fixation with graft or prosthesis

- Use additional code for biological substance (70.94) or synthetic substance (70.95), if known
- 70.79 Other repair of vagina Colpoperineoplasty Repair of old obstetric laceration of vagina

# 70.8 Obliteration of vaginal vault

LeFort operation

## 70.9 Other operations on vagina and cul-de-sac

```
70.91 Other operations on vagina
       Excludes: insertion of:
                   diaphragm (96.17)
                   mold (96.15)
                   pack (96.14)
                   pessary (96.18)
                   suppository (96.49)
                removal of:
                   diaphragm (97.73)
                   foreign body (98.17)
                   pack (97.75)
                   pessary (97.74)
                replacement of:
                   diaphraam (97.24)
                   pack (97.26)
                   pessary (97.25)
                 vaginal dilation (96.16)
                 vaginal douche (96.44)
70.92 Other operations on cul-de-sac
         Obliteration of cul-de-sac
         Repair of vaginal enterocele
70.93 Other operations on cul-de-sac with graft or prosthesis
         Repair of vaginal enterocele with graft or prosthesis
       Use additional code for biological substance (70.94) or synthetic
          substance (70.95), if known
70.94 Insertion of biological graft
         Allogenic material or substance
         Allograft
         Autograft
         Autologous material or substance
         Heterograft
         Xenogenic material or substance
       Code first these procedures when done with graft or prosthesis:
          Other operations on cul-de-sac (70.93)
          Repair of cystocele (70.54)
          Repair of cystocele and rectocele (70.53)
          Repair of rectocele (70.55)
          Vaginal construction (70.63)
          Vaginal reconstruction (70.64)
          Vaginal suspension and fixation (70.78)
70.95 Insertion of synthetic graft or prosthesis
         Artificial tissue
       Code first these procedures when done with graft or prosthesis:
          Other operations on cul-de-sac (70.93)
          Repair of cystocele (70.54)
          Repair of cystocele and rectocele (70.53)
          Repair of rectocele (70.55)
          Vaginal construction (70.63)
          Vaginal reconstruction (70.64)
```

Vaginal suspension and fixation (70.78)

## Operations on vulva and perineum

Code also any application or administration of an adhesion barrier substance (99.77)

## 71.0 Incision of vulva and perineum

- 71.01 Lysis of vulvar adhesions
- 71.09 Other incision of vulva and perineum

**Enlargement of introitus NOS** 

Excludes: removal of foreign body without incision (98.23)

## 71.1 Diagnostic procedures on vulva

- 71.11 Biopsy of vulva
- 71.19 Other diagnostic procedures on vulva

#### 71.2 Operations on Bartholin's gland

- 71.21 Percutaneous aspiration of Bartholin's gland (cyst)
- 71.22 Incision of Bartholin's gland (cyst)
- 71.23 Marsupialization of Bartholin's gland (cyst)
- 71.24 Excision or other destruction of Bartholin's gland (cvst)
- 71.29 Other operations on Bartholin's gland

## 71.3 Other local excision or destruction of vulva and perineum

Division of Skene's gland

Excludes: biopsy of vulva (71.11)

vulvar fistulectomy (71.72)

#### 71.4 Operations on clitoris

Amputation of clitoris

Clitoridotomy

Female circumcision

#### 71.5 Radical vulvectomy

Code also any synchronous lymph gland dissection (40.3, 40.5)

#### 71.6 Other vulvectomy

- 71.61 Unilateral vulvectomy
- 71.62 Bilateral vulvectomy

**Vulvectomy NOS** 

# 71.7 Repair of vulva and perineum

Excludes: repair of current obstetric laceration (75.69)

71.71 Suture of laceration of vulva or perineum

#### 71.72 Repair of fistula of vulva or perineum

Excludes: repair of fistula:

urethroperineal (58.43) urethroperineovesical (57.84) vaainoperineal (70.75)

#### 71.79 Other repair of vulva and perineum

Repair of old obstetric laceration of vulva or perineum



## 71.8 Other operations on vulva

Excludes: removal of:

foreign body without incision (98.23) packing (97.75)

replacement of packing (97.26)

# 71.9 Other operations on female genital organs

#### 13. OBSTETRICAL PROCEDURES (72-75)

72 Forceps, vacuum, and breech delivery
72.0 Low forceps operation Outlet forceps operation
72.1 Low forceps operation with episiotomy Outlet forceps operation with episiotomy
72.2 Mid forceps operation
72.21 Mid forceps operation with episiotomy
72.29 Other mid forceps operation
72.3 High forceps operation
72.31 High forceps operation with episiotomy
72.39 Other high forceps operation
72.4 Forceps rotation of fetal head  DeLee maneuver Key-in-lock rotation Kielland rotation Scanzoni's maneuver
Code also any associated forceps extraction (72.0-72.39)
72.5 Breech extraction
72.51 Partial breech extraction with forceps to aftercoming head
72.52 Other partial breech extraction
72.53 Total breech extraction with forceps to aftercoming head
72.54 Other total breech extraction
72.6 Forceps application to aftercoming head Piper forceps operation
Excludes: partial breech extraction with forceps to aftercoming head (72.51) total breech extraction with forceps to aftercoming head (72.53)
72.7 Vacuum extraction
Includes: Malström's extraction
72.71 Vacuum extraction with episiotomy
72.79 Other vacuum extraction
72.8 Other specified instrumental delivery
72.9 Unspecified instrumental delivery

## 73 Other procedures inducing or assisting delivery

## 73.0 Artificial rupture of membranes

# 73.01 Induction of labor by artificial rupture of membranes

Surgical induction NOS

Excludes: artificial rupture of membranes after onset of labor (73.09)

# 73.09 Other artificial rupture of membranes

Artificial rupture of membranes at time of delivery

#### 73.1 Other surgical induction of labor

Induction by cervical dilation

Excludes: Injection for abortion (75.0)

insertion of suppository for abortion (96.49)

#### 73.2 Internal and combined version and extraction

73.21 Internal and combined version without extraction

Version NOS

73.22 Internal and combined version with extraction

## 73.3 Failed forceps

Application of forceps without delivery Trial forceps

#### 73.4 Medical induction of labor

Excludes: medication to augment active labor -- omit code

#### 73.5 Manually assisted delivery

73.51 Manual rotation of fetal head

#### 73.59 Other manually assisted delivery

Assisted spontaneous delivery Crede maneuver

#### 73.6 Episiotomy

Episioproctotomy

Episiotomy with subsequent episiorrhaphy

**Excludes**: that with:

high forceps (72.31) low forceps (72.1) mid forceps (72.21) outlet forceps (72.1) vacuum extraction (72.71)

# 73.8 Operations on fetus to facilitate delivery

Clavicotomy on fetus Destruction of fetus Needling of hydrocephalic head

# 73.9 Other operations assisting delivery

73.91 External version



- 73.92 Replacement of prolapsed umbilical cord
- 73.93 Incision of cervix to assist delivery Dührssen's incisions
- 73.94 Pubiotomy to assist delivery Obstetrical symphysiotomy
- 73.99 Other

Excludes: dilation of cervix, obstetrical to induce labor (73.1) insertion of bag or bougie to induce labor (73.1) removal of cerclage material (69.96)

#### 74 Cesarean section and removal of fetus

Code also any synchronous:

hysterectomy (68.3-68.4, 68.6, 68.8) myomectomy (68.29) sterilization (66.31-66.39, 66.63)

#### 74.0 Classical cesarean section

Transperitoneal classical cesarean section

#### 74.1 Low cervical cesarean section

Lower uterine segment cesarean section

## 74.2 Extraperitoneal cesarean section

Supravesical cesarean section

## 74.3 Removal of extratubal ectopic pregnancy

Removal of:

ectopic abdominal pregnancy

fetus from peritoneal or extraperitoneal cavity following uterine or tubal rupture

Excludes: that by salpingostomy (66.02) that by salpingotomy (66.01)

that with synchronous salpingectomy (66.62)

# 74.4 Cesarean section of other specified type

Peritoneal exclusion cesarean section Transperitoneal cesarean section NOS Vaginal cesarean section

## 74.9 Cesarean section of unspecified type

#### 74.91 Hysterotomy to terminate pregnancy Therapeutic abortion by hysterotomy

74.99 Other cesarean section of unspecified type

Cesarean section NOS Obstetrical abdominouterotomy Obstetrical hysterotomy

## 75 Other obstetric operations

## 75.0 Intra-amniotic injection for abortion

Injection of:

prostaglandin for induction of abortion saline for induction of abortion

Termination of pregnancy by intrauterine injection

Excludes: insertion of prostaglandin suppository for abortion (96.49)

# 75.1 Diagnostic amniocentesis

## 75.2 Intrauterine transfusion

Exchange transfusion in utero Insertion of catheter into abdomen of fetus for transfusion

Code also any hysterotomy approach (68.0)

## 75.3 Other intrauterine operations on fetus and amnion

Code also any hysterotomy approach (68.0)

## 75.31 Amnioscopy

Fetoscopy Laparoamnioscopy

#### 75.32 Fetal EKG (scalp)

75.33 Fetal blood sampling and biopsy

#### 75.34 Other fetal monitoring

Antepartum fetal nonstress test Fetal monitoring, not otherwise specified

Excludes: fetal pulse oximetry (75.38)

#### 75.35 Other diagnostic procedures on fetus and amnion

Intrauterine pressure determination

Excludes: amniocentesis (75.1)

diagnostic procedures on gravid uterus and placenta (87.81, 88.46, 88.78, 92.17)

#### 75.36 Correction of fetal defect

#### 75.37 Amnioinfusion

Code also injection of antibiotic (99.21)

#### 75.38 Fetal pulse oximetry

Transcervical fetal oxygen saturation monitoring Transcervical fetal SpO<sub>2</sub> monitoring

# 75.4 Manual removal of retained placenta

Excludes: aspiration curettage (69.52) dilation and curettage (69.02)

## 75.5 Repair of current obstetric laceration of uterus

- 75.50 Repair of current obstetric laceration of uterus, not otherwise specified
- 75.51 Repair of current obstetric laceration of cervix
- 75.52 Repair of current obstetric laceration of corpus uteri

#### 75.6 Repair of other current obstetric laceration

- 75.61 Repair of current obstetric laceration of bladder and urethra
- 75.62 Repair of current obstetric laceration of rectum and sphincter ani

## 75.69 Repair of other current obstetric laceration

**Episioperineorrhaphy** 

Repair of:

nelvic floor

perineum

vagina

vulva

Secondary repair of episiotomy

Excludes: repair of routine episiotomy (73.6)

# 75.7 Manual exploration of uterine cavity, postpartum

#### 75.8 Obstetric tamponade of uterus or vagina

Excludes: antepartum tamponade (73.1)

#### 75.9 Other obstetric operations

- 75.91 Evacuation of obstetrical incisional hematoma of perineum Evacuation of hematoma of: episiotomy perineorrhaphy
- 75.92 Evacuation of other hematoma of vulva or vagina
- 75.93 Surgical correction of inverted uterus

Spintelli operation

Excludes: vaginal repair of chronic inversion of uterus (69.23)

- 75.94 Manual replacement of inverted uterus
- 75.99 Other

#### 14. OPERATIONS ON THE MUSCULOSKELETAL SYSTEM (76-84)

	76	Operations	on	facial	bones	and	ioint
--	----	------------	----	--------	-------	-----	-------

Excludes: accessory sinuses (22.00-22.9) nasal bones (21.00-21.99) skull (01.01-02.99)

#### 76.0 Incision of facial bone without division

76.01 Sequestrectomy of facial bone

Removal of necrotic bone chip from facial bone

#### 76.09 Other incision of facial bone

Reopening of osteotomy site of facial bone

Excludes: osteotomy associated with orthognathic surgery (76.61-76.69)removal of internal fixation device (76.97)

## 76.1 Diagnostic procedures on facial bones and joints

76.11 Biopsy of facial bone

76.19 Other diagnostic procedures on facial bones and joints

Excludes: contrast arthrogram of temporomandibular joint (87.13) other x-ray (87.11-87.12, 87.14-87.16)

#### 76.2 Local excision or destruction of lesion of facial bone

Excludes: biopsy of facial bone (76.11) excision of odontogenic lesion (24.4)

#### 76.3 Partial ostectomy of facial bone

76.31 Partial mandibulectomy Hemimandibulectomy

Excludes: that associated with temporomandibular arthroplasty (76.5)

# 76.39 Partial ostectomy of other facial bone

Hemimaxillectomy (with bone graft or prosthesis)

#### 76.4 Excision and reconstruction of facial bones

76.41 Total mandibulectomy with synchronous reconstruction

76.42 Other total mandibulectomy

76.43 Other reconstruction of mandible

Excludes: genioplasty (76.67-76.68) that with synchronous total mandibulectomy (76.41)

- 76.44 Total ostectomy of other facial bone with synchronous reconstruction
- 76.45 Other total ostectomy of other facial bone
- 76.46 Other reconstruction of other facial bone

Excludes: that with synchronous total ostectomy (76.44)

# 76.5 Temporomandibular arthroplasty





	OF ENATIONS ON THE MOSCOLOSKELLTAL STSTEM (70-04,				
76.6 Othe	er facial bone repair and orthognathic surgery				
	Code also any synchronous:				
	bone graft (76.91)				
	synthetic implant (76.92)				
	des: reconstruction of facial bones (76.41-76.46)				
/6.61	Closed osteoplasty [osteotomy] of mandibular ramus Gigli saw osteotomy				
76.62	Open osteoplasty [osteotomy] of mandibular ramus				
76.63	Osteoplasty [osteotomy] of body of mandible				
76.64	Other orthognathic surgery on mandible				
	Mandibular osteoplasty NOS				
76.65	Segmental or subapical osteotomy				
76.65	Segmental osteoplasty [osteotomy] of maxilla Maxillary osteoplasty NOS				
76.66	Total osteoplasty [osteotomy] of maxilla				
76.67 Reduction genioplasty					
	Reduction mentoplasty				
76.68	Augmentation genioplasty Mentoplasty:				
	NOS				
	with graft or implant				
76.69	Other facial bone repair Osteoplasty of facial bone NOS				
76.7 Redu	ıction of facial fracture				
Includes: internal fixation					
Code also any synchronous:					
bone graft (76.91)					
	synthetic implant (76.92)				
	des: that of nasal bones (21.71-21.72)				
	Reduction of facial fracture, not otherwise specified				
	Closed reduction of malar and zygomatic fracture				
	Open reduction of malar and zygomatic fracture Closed reduction of maxillary fracture				
	Open reduction of maxillary fracture Closed reduction of mandibular fracture				
	Open reduction of mandibular fracture				
/6.//	Open reduction of alveolar fracture Reduction of alveolar fracture with stabilization of teeth				
76.78	Other closed reduction of facial fracture Closed reduction of orbital fracture				
	Excludes: nasal bone (21.71)				

76.79 Other open reduction of facial fracture Open reduction of orbit rim or wall

Excludes: nasal bone (21.72)

## 76.9 Other operations on facial bones and joints

#### 76.91 Bone graft to facial bone

Autogenous graft to facial bone Bone bank graft to facial bone Heterogenous graft to facial bone

# 76.92 Insertion of synthetic implant in facial bone Alloplastic implant to facial bone

76.93 Closed reduction of temporomandibular dislocation

76.94 Open reduction of temporomandibular dislocation

76.95 Other manipulation of temporomandibular joint

76.96 Injection of therapeutic substance into temporomandibular joint

76.97 Removal of internal fixation device from facial bone

```
Excludes: removal of:
dental wiring (97.33)
external mandibular fixation device NEC (97.36)
```

76.99 Other

## 77 Incision, excision, and division of other bones

```
Excludes: laminectomy for decompression (03.09)
operations on:
accessory sinuses (22.00-22.9)
ear ossicles (19.0-19.55)
facial bones (76.01-76.99)
joint structures (80.00-81.99)
mastoid (19.9-20.99)
nasal bones (21.00-21.99)
skull (01.01-02.99)
```

The following fourth-digit subclassification is for use with appropriate categories in section 77 to identify the site. Valid fourth-digit categories are in brackets under each code.

- 0 unspecified site
- 1 scapula, clavicle, and thorax [ribs and sternum]
- 2 humerus
- 3 radius and ulna
- 4 carpals and metacarpals
- 5 femur
- 6 patella
- 7 tibia and fibula
- 8 tarsals and metatarsals
- 9 other

Pelvic bones

Phalanges (of foot) (of hand)

Vertebrae

# 77.0 Sequestrectomy 0 [0-9]

77.1 Other incision of bone without division 4 [0-9]Reopening of osteotomy site Excludes: aspiration of bone marrow (41.31, 41.91) removal of internal fixation device (78.60-78.69) 77.2 Wedge osteotomy 4 [0-9] Excludes: that for hallux valgus (77.51) 77.3 Other division of bone 4 [0-9]Osteoarthrotomy Excludes: clavicotomy of fetus (73.8) laminotomy or incision of vertebra (03.01-03.09) pubiotomy to assist delivery (73.94) sternotomy incidental to thoracic operation --omit code 77.4 Biopsy of bone 4 [0-9] 77.5 Excision and repair of bunion and other toe deformities 77.51 Bunionectomy with soft tissue correction and osteotomy of the first metatarsal 77.52 Bunionectomy with soft tissue correction and arthrodesis 77.53 Other bunionectomy with soft tissue correction 77.54 Excision or correction of bunionette That with osteotomy 77.56 Repair of hammer toe Fusion of hammer toe Phalangectomy (partial) of hammer toe Filleting of hammer toe 77.57 Repair of claw toe Fusion of claw toe Phalangectomy (partial) of claw toe Capsulotomy of claw toe Tendon lengthening of claw toe 77.58 Other excision, fusion and repair of toes Cockup toe repair Overlapping toe repair That with use of prosthetic materials 77.59 Other bunionectomy Resection of hallux valgus joint with insertion of prosthesis 77.6 Local excision of lesion or tissue of bone 4 biopsy of bone (77.40-77.49) [0-9] Excludes: debridement of compound fracture (79.60-79.69) 77.7 Excision of bone for graft 4 [0-9]

## 77.8 Other partial ostectomy 4

Condylectomy [0-9]

```
Excludes: amputation (84.00-84.19, 84.91)
          arthrectomy (80.90-80.99)
          excision of bone ends associated with:
            arthrodesis (81.00-81.39, 81.62-81.66)
            arthroplasty (81.40-81.59, 81.71-81.85)
          excision of cartilage (80.5-80.6, 80.80-80.99)
          excision of head of femur with synchronous replacement
              (00.70-00.73, 81.51-81.53)
          hemilaminectomy (03.01-03.09)
          laminectomy (03.01-03.09)
          ostectomy for hallux valgus (77.51-77.59)
          partial amputation:
            finger (84.01)
            thumb (84.02)
            toe (84.11)
          resection of ribs incidental to thoracic operation --omit code
          that incidental to other operation --omit code
```

## 77.9 Total ostectomy 4

[0-9] *Excludes:* amputation of limb (84.00-84.19, 84.91)

that incidental to other operation --omit code

## 78 Other operations on bones, except facial bones

Excludes: operations on:

accessory sinuses (22.00-22.9) facial bones (76.01-76.99) joint structures (80.00-81.99) nasal bones (21.00-21.99) skull (01.01-02.99)

The following fourth-digit subclassification is for use with categories in section 78 to identify the site. Valid fourth- digit categories are in [brackets] under each code.

- unspecified site
- 1 scapula, clavicle, and thorax [ribs and sternum]
- 2 humerus
- 3 radius and ulna
- 4 carpals and metacarpals
- 5 femur
- patella
- 7 tibia and fibula
- 8 tarsals and metatarsals

Pelvic bones

Phalanges (of foot) (of hand)

Vertebrae

## 78.0 Bone graft 4

[0-9] Bone:

bank graft

graft (autogenous) (heterogenous)

That with debridement of bone graft site (removal of sclerosed, fibrous or necrotic bone or tissue)

Transplantation of bone

Code also any excision of bone for graft (77.70-77.79)

Excludes: that for bone lengthening (78.30-78.39)

## 78.1 Application of external fixator device 4

Fixator with insertion of pins/wires/screws into bone

Code also any type of fixator device, if known (84.71-84.73)

Excludes: other immobilization, pressure, and attention to wound (93.51-93.59)

## 78.2 Limb shortening procedures 4

[0,2-5,7-9] Epiphyseal stapling

Open epiphysiodesis

Percutaneous epiphysiodesis

Resection/osteotomy

## 78.3 Limb lengthening procedures 4

[0.2-5.7-9] Bone graft with or without internal fixation devices or osteotomy Distraction technique with or without corticotomy/osteotomy

Code also any application of an external fixation device (78.10-78.19)

# 78.4 Other repair or plastic operations on bone 4

[0-9] Other operation on bone NEC

Repair of malunion or nonunion fracture NEC

Excludes: application of external fixation device (78.10-78.19)

limb lengthening procedures (78.30-78.39)

limb shortening procedures (78.20-78.29)

osteotomy (77.3)

reconstruction of thumb (82.61-82.69) repair of pectus deformity (34.74) repair with bone araft (78.00-78.09)

## 78.5 Internal fixation of bone without fracture reduction 4

[0-9]Internal fixation of bone (prophylactic) Reinsertion of internal fixation device

Revision of displaced or broken fixation device

Excludes: arthroplasty and arthrodesis (81.00-81.85)

bone graft (78.00-78.09)

limb shortening procedures (78.20-78.29)

that for fracture reduction (79.10-79.19,79.30-79.59) insertion of sternal fixation device with rigid plates (84.94)

```
78.6 Removal of implanted devices from bone 4
[0-9]
       External fixator device (invasive)
         Internal fixation device
         Removal of bone growth stimulator (invasive)
         Removal of internal limb lengthening device
         Removal of pedicle screw(s) used in spinal fusion
      Excludes: removal of cast, splint, and traction device (Kirschner wire)
                   (Steinmann pin) (97.88)
                  removal of skull tongs or halo traction device (02.95)
                  removal of posterior spinal motion preservation (facet
                   replacement, pedicle-based dynamic stabilization, interspinous
                   process) device(s) (80.09)
78.7 Osteoclasis 4
[0-9]
78.8 Diagnostic procedures on bone, not elsewhere classified 6
[0-9] Excludes:
                  biopsy of bone (77.40-77.49)
                  magnetic resonance imaging (88.94)
                  microscopic examination of specimen from bone (91.51-91.59)
                  radioisotope scan (92.14)
                  skeletal x-ray (87.21-87.29, 87.43, 88.21-88.33)
                  thermography (88.83)
78.9 Insertion of bone growth stimulator 4
[0-9]
        Insertion of:
           bone stimulator (electrical) to aid bone healing
           osteogenic electrodes for bone growth stimulation
           totally implanted device (invasive)
      Excludes: non-invasive (transcutaneous) (surface) stimulator (99.86)
79 Reduction of fracture and dislocation
     Includes: application of cast or splint
              reduction with insertion of traction device (Kirschner wire)
                (Steinmann pin)
      Code also anv:
         application of external fixatior device (78.10-78.19)
         type of fixator device, if known (84.71-84.73)
      Excludes: external fixation alone for immobilization of fracture
                       (93.51-93.56, 93.59)
                internal fixation without reduction of fracture (78.50-78.59)
                operations on:
                  facial bones (76.70-76.79)
                  nasal bones (21.71-21.72)
                  orbit (76.78-76.79)
                  skull (02.02)
                  vertebrae (03.53)
                removal of cast or splint (97.88)
                replacement of cast or splint (97.11-97.14)
                traction alone for reduction of fracture (93.41-93.46)
       The following fourth-digit subclassification is for use with appropriate
```

OR procedure Non OR procedure but affects ThaiDRG

categories in section 79 to identify the site. Valid fourth-digit categories ara in [hrackets] under each code

	0	unspecified site	
	1	humerus	
	2	radius and ulna Arm NOS	
	3	carpals and metacarpals Hand NOS	
	4	phalanges of hand	
	5	femur	
	6	tibia and fibula Leg NOS	
	7	tarsals and metatarsals Foot NOS	
	8	phalanges of foot	
	9	other specified bone	
7 <b>9.0</b> 0-9]		ed reduction of fracture without internal fixation of description of epiphysis (79.40-79.49)	
7 <b>9.1</b>		Closed reduction of fracture with internal fixation (1)  Excludes: that for separation of epiphysis (79.40-79.49)	
79.2	Open reduction of fracture without internal fixation @		

79.4 Closed reduction of separated epiphysis 4

[0-9] Excludes: that for separation of epiphysis (79.50-79.59) 79.3 Open reduction of fracture with internal fixation 4 [0-9] Excludes: that for separation of epiphysis (79.50-79.59)

- [0-2.5.6.9] Reduction with or without internal fixation
- 79.5 Open reduction of separated epiphysis 4 [0-2,5,6,9] Reduction with or without internal fixation
- 79.6 Debridement of open fracture site 4 [0-9] Debridement of compound fracture

#### 79.7 Closed reduction of dislocation

Includes: closed reduction (with external traction device)

Excludes: closed reduction of dislocation of temporomandibular joint (76.93)

- 79.70 Closed reduction of dislocation of unspecified site
- 79.71 Closed reduction of dislocation of shoulder
- 79.72 Closed reduction of dislocation of elbow
- 79.73 Closed reduction of dislocation of wrist
- 79.74 Closed reduction of dislocation of hand and finger
- 79.75 Closed reduction of dislocation of hip
- 79.76 Closed reduction of dislocation of knee
- 79.77 Closed reduction of dislocation of ankle
- 79.78 Closed reduction of dislocation of foot and toe
- 79.79 Closed reduction of dislocation of other specified sites

## 79.8 Open reduction of dislocation

Includes: open reduction (with internal and external fixation devices) Excludes: open reduction of dislocation of temporomandibular joint (76.94) 79.80 Open reduction of dislocation of unspecified site 79.81 Open reduction of dislocation of shoulder 79.82 Open reduction of dislocation of elbow 79.83 Open reduction of dislocation of wrist 79.84 Open reduction of dislocation of hand and finger 79.85 Open reduction of dislocation of hip 79.86 Open reduction of dislocation of knee 79.87 Open reduction of dislocation of ankle 79.88 Open reduction of dislocation of foot and toe 79.89 Open reduction of dislocation of other specified sites

79.9 Unspecified operation on bone injury 4 [0-9]

# 80 Incision and excision of joint structures

Includes: operations on: capsule of joint cartilage condyle ligament meniscus synovial membrane Excludes: cartilage of: ear (18.01-18.9) nose (21.00-21.99) temporomandibular joint (76.01-76.99)

The following fourth-digit subclassification is for use with appropriate categories in section 80 to identify the site:

```
unspecified site
1
    shoulder
2
    elbow
3
    wrist
4
    hand and finger
5
    hip
6
    knee
7
    ankle
8
    foot and toe
    other specified sites
      Spine
```

```
80.0 Arthrotomy for removal of prosthesis without replacement 4
[0-9] Includes removal of posterior spinal motion preservation (dynamic
          stabilization, facet replacement, interspinous process) device(s)
       Code also anv:
        insertion of (cement)(joint) (methylmethacrylate) spacer (84.56)
        removal of (cement)(joint) (methylmethacrylate) spacer (84.57)
       Excludes: removal of pedicle screws used in spinal fusion (78.69)
80.1 Other arthrotomy 4
[0-9]
        Arthrostomy
     Excludes: that for:
                arthrography (88.32)
                arthroscopy (80.20-80.29)
                injection of drug (81.92)
                operative approach --omit code
80.2 Arthroscopy 4
[0-9]
80.3 Biopsy of joint structure 4
        Aspiration biopsy
[0-9]
80.4 Division of joint capsule, ligament, or cartilage 4
         Goldner clubfoot release
[0-9]
           Heyman-Herndon(-Strong) correction of metatarsus varus
           Release of:
            adherent or constrictive joint capsule
            ioint
            ligament
     Excludes: symphysiotomy to assist delivery (73.94)
                 carpal tunnel syndrome (04.43)
                 tarsal tunnel syndrome (04.44)
80.5 Excision, destruction and other repair of intervertebral disc
     80.50 Excision or destruction of intervertebral disc, unspecified
              Unspecified as to excision or destruction
     80.51 Excision of intervertebral disc
              Diskectomy
              Removal of herniated nucleus pulposus
              Level:
                    cervical
                    thoracic
                    lumbar (lumbosacral)
              That by laminotomy or hemilaminectomy
              That with decompression of spinal nerve root at same level
              Requires additional code for any concomitant decompression of
                   spinal nerve root at different level from excision site
              Code also any concurrent spinal fusion (81.00 - 81.09)
              Code also any repair of the anulus fibrosus (80.53-80.54)
```

that with corpectomy, (vertebral) (80.99) intervertebral chemonucleolysis (80.52)

(84.60 - 84.69)

Excludes: that for insertion of (non-fusion) spinal disc replacement device

```
laminectomy for exploration of intraspinal canal (03.09)
                     laminotomy for decompression of spinal nerve root only (03.09)
     80.52 Intervertebral chemonucleolysis
              With aspiration of disc fragments
              With diskography
              Injection of proteolytic enzyme into intervertebral space
                   (chymopapain)
            Excludes: injection of anesthetic substance (03.91)
                      injection of other substances (03.92)
     80.53 Repair of the anulus fibrosus with graft or prosthesis
              Anular disc repair
              Closure (sealing) of the anulus fibrosus defect
            Includes:
              microsurgical suture repair with fascial autograft
              soft tissue re-approximation repair with tension bands
              surgical mesh repair
            Code also anv:
              application or administration of adhesion barrier substance, if
                 performed (99.77)
              intervertebral discectomy, if performed (80.51)
              locally harvested fascia for graft (83.43)
     80.54
             Other and unspecified repair of the anulus fibrosus
              Anular disc repair
              Closure (sealing) of the anulus fibrosus defect
              Microsurgical suture repair without fascial autograft
              Percutaneous repair of the anulus fibrosus
              Code also anv:
                application or administration of adhesion barrier substance, if
                     performed (99.77)
                intervertebral discectomy, if performed (80.51)
     80.59 Other destruction of intervertebral disc
              Destruction NEC
              That by laser
80.6 Excision of semilunar cartilage of knee
          Excision of meniscus of knee
80.7 Synovectomy 4
        Complete or partial resection of synovial membrane
[0-9]
     Excludes: excision of Baker's cyst (83.39)
80.8 Other local excision or destruction of lesion of joint 4
[0-9]
80.9 Other excision of joint 4
[0-9] Excludes: cheilectomy of joint (77.80-77.89)
                excision of bone ends (77.80-77.89)
208
              OR procedure | Non OR procedure but affects ThaiDRG
```

# Repair and plastic operations on joint structures

## 81.0 Spinal fusion

Note: Spinal fusion is classified by the anatomic portion (column) fused and the technique (approach) used to perform the fusion.

For the anterior column, the body (corpus) of adjacent vertebrae are fused (interbody fusion). The anterior column can be fused using an anterior, lateral, or posterior technique.

For the posterior column, posterior structures of adjacent vertebrae are fused (pedicle, lamina, facet, transverse process, or "gutter" fusion). A posterior column fusion can be performed using a posterior, posterolateral, or lateral transverse technique.

Includes: arthrodesis of spine with:

bone graft internal fixation

Code also any insertion of interbody spinal fusion device (84.51)

Code also any insertion of recombinant bone morphogenetic protein (84.52)

Code also the total number of vertebrae fused (81.62-81.64)

Code also any synchronous excision of (locally) harvested bone for graft (77.70-77.79)

Excludes: correction of pseudarthrosis of spine (81.30-81.39) refusion of spine (81.30-81.39)

- 81.00 Spinal fusion, not otherwise specified
- 81.01 Atlas-axis spinal fusion

Craniocervical fusion by anterior, transoral, or posterior technique C1-C2 fusion by anterior, transoral, or posterior technique Occiput C2 fusion by anterior, transoral, or posterior technique

81.02 Other cervical fusion of the anterior column, anterior technique ®

Arthrodesis of C2 level or below:

anterior interbody fusion anterolateral technique

81.03 Other cervical fusion of the posterior column, posterior

technique ®

Arthrodesis of C2 level or below, posterolateral technique

81.04 Dorsal and dorsolumbar fusion of the anterior column, anterior technique 📵

Arthrodesis of thoracic or thoracolumbar region:

anterior interbody fusion anterolateral technique

Extracavitary technique

81.05 Dorsal and dorsolumbar fusion of the posterior column, posterior technique (R)

Arthrodesis of thoracic or thoracolumbar region, posterior technique

81.06 Lumbar and lumbosacral fusion of the anterior column, anterior technique 🔞

Anterior lumbar interbody fusion (ALIF)



Arthrodesis of lumbar or lumbosacral region: anterior interbody fusion anterolateral technique retroperitoneal transperitoneal Direct lateral interbody fusion (DLIF) Extreme lateral interbody fusion [XLIF] 81.07 Lumbar and lumbosacral fusion of the posterior column, posterior technique ® Facet fusion Posterolateral technique Transverse process technique 81.08 Lumbar and lumbosacral fusion of the anterior column, posterior technique ® Arthrodesis of lumbar or lumbosacral region, posterior interbody fusion Posterior lumbar interbody fusion (PLIF) Transforaminal lumbar interbody fusion (TLIF) Axial umbar interbody fusion [AxialLIF] 81.1 Arthrodesis and arthroereisis of foot and ankle Includes: arthrodesis of foot and ankle with: bone graft external fixation device 81.11 Ankle fusion Tibiotalar fusion 81.12 Triple arthrodesis Talus to calcaneus and calcaneus to cuboid and navicular 81.13 Subtalar fusion Excludes: arthroereisis (81.18) 81.14 Midtarsal fusion 81.15 Tarsometatarsal fusion 81.16 Metatarsophalangeal fusion 81.17 Other fusion of foot 81.18 Subtalar joint arthroereisis 81.2 Arthrodesis of other joint Includes: arthrodesis with: bone graft external fixation device excision of bone ends and compression 81.20 Arthrodesis of unspecified joint 81.21 Arthrodesis of hip 81.22 Arthrodesis of knee 81.23 Arthrodesis of shoulder

81.24 Arthrodesis of elbow

- 81.25 Carporadial fusion
- 81.26 Metacarpocarpal fusion
- 81.27 Metacarpophalangeal fusion
- 81.28 Interphalangeal fusion
- 81.29 Arthrodesis of other specified joints

## 81.3 Refusion of spine

Note: Spine fusion is classified by the anatomic portion (column) fused and the technique (approach) used to perform the fusion.

For the anterior column, the body (corpus) of adjacent vertebrae are fused (interbody fusion). The anterior column can be fused using an anterior, lateral, or posterior technique.

For the posterior column, posterior structures of adjacent vertebrae are fused (pedicle, lamina, facet, transverse process, or "gutter" fusion). A posterior column fusion can be performed using a posterior, posterolateral, or lateral transverse technique.

Includes: arthrodesis of spine with:

bone graft

internal fixation

correction of pseudarthrosis of spine

Code also any insertion of interbody spinal fusion device (84.51)

Code also any insertion of recombinant bone morphogenetic protein (84.52)

Code also the total number of vertebrae fused (81.62-81.64)

Code also any synchronous excision of (locally) harvested bone for graft (77.70-77.79)

- 81.30 Refusion of spine, not otherwise specified
- 81.31 Refusion of atlas-axis spine

Craniocervical fusion by anterior, transoral, or posterior technique C1-C2 fusion by anterior, transoral, or posterior technique Occiput C2 fusion by anterior, transoral, or posterior technique

81.32 Refusion of other cervical spine, anterior coulmun, anterior technique 🔞

> Arthrodesis of C2 level or below: anterior interbody fusion anterolateral technique

81.33 Refusion of other cervical spine, posterior column, posterior technique (R)

> Anterior lumbar interbody fusion (ALIF) Arthrodesis of C2 level or below

81.34 Refusion of dorsal and dorsolumbar spine, anterior column, anterior technique (R)

Arthrodesis of thoracic or thoracolumbar region:

anterior interbody fusion anterolateral technique

Extracavitary technique

81.35 Refusion of dorsal and dorsolumbar spine, posterior column, posterior technique ®

Arthrodesis of thoracic or thoracolumbar region, posterolateral technique

81.36 Refusion of lumbar and lumbosacral spine, anterior column, anterior technique ®

Arthrodesis of lumbar or lumbosacral region:

anterior interbody fusion

anterolateral technique

retroperitoneal

transperitoneal

Direct lateral interbody fusion (DLIF)

Extreme lateral interbody fusion [XLIF]

81.37 Refusion of lumbar and lumbosacral spine, posterior column, posterior technique ®

Facet fusion

Posterolateral technique

Transverse process technique

81.38 Refusion of lumbar and lumbosacral spine, anterior column, posterior technique ®

Arthrodesis of lumbar or lumbosacral region, posterior interbody

Axial lumbar intebody fusion [AxialLIF]

Posterior lumbar interbody fusion (PLIF)

Transforaminal lumbar interbody fusion (TLIF)

81.39 Refusion of spine, not elsewhere classified

## 81.4 Other repair of joint of lower extremity

Includes: arthroplasty of lower extremity with:
external traction or fixation
graft of bone (chips) or cartilage
internal fixation device

- 81.40 Repair of hip, not elsewhere classified
- 81.42 Five-in-one repair of knee

Medial meniscectomy, medial collateral ligament repair, vastus medialis advancement, semitendinosus advancement, and pes anserinus transfer

81.43 Triad knee repair

Medial meniscectomy with repair of the anterior cruciate ligament and the medial collateral ligament

O'Donoghue procedure

81.44 Patellar stabilization

Roux-Goldthwait operation for recurrent dislocation of patella

- 81.45 Other repair of the cruciate ligaments
- 81.46 Other repair of the collateral ligaments
- 81.47 Other repair of knee
- 81.49 Other repair of ankle

## 81.5 Joint replacement of lower extremity

Includes: arthroplasty of lower extremity with: external traction or fixation graft of bone (chips) or cartilage internal fixation device or prosthesis

Note: Removal of prior prosthesis --omit code

#### 81.51 Total hip replacement

Replacement of both femoral head and acetabulum by prosthesis Total reconstruction of hip Code also any type of bearing surface, if known (00.74-00.77)

#### 81.52 Partial hip replacement

Bipolar endoprosthesis

Code also any type of bearing surface, if known (00.74-00.77)

#### 81.53 Revision of hip replacement, not otherwise specified

Revision of hip replacement, not specified as to components(s) replaced, (acetabular, femoral or both)

Code also anv:

removal of (cement)(joint) spacer (84.57) type of bearing surface, if known (00.74-00.77)

Excludes: revision of hip replacement, components specified (00.70-00.73)

#### 81.54 Total knee replacement

Bicompartmental Tricompartmental Unicompartmental (hemijoint) Partial knee replacement

#### 81.55 Revision of knee replacement not otherwise specified

Code also any removal of (cement) spacer (84.57)

Excludes: arthrodesis of knee (81.22) revision of knee replacement, components specified (00.80-00.84)

- 81.56 Total ankle replacement
- 81.57 Replacement of joint of foot and toe
- 81.59 Revision of joint replacement of lower extremity, not elsewhere classified

#### 81.6 Other procedures on spine

Note: Number of vertebrae

The vertebral spine consists of 25 vertebrae in the following order and number:

Cervical: C1 (atlas), C2 (axis), C3, C4, C5, C6, C7

Thoracic or Dorsal: T1, T2, T3, T4, T5, T6, T7, T8, T9, T10, T11, T12 Lumbar and Sacral: L1, L2, L3, L4, L5, S1

Coders should report only one code from the series 81.62 or 81.63 or 81.64 to show the total number of vertebrae fused on the patient.

Code also the level and approach of the fusion or refusion (81.00-81.08, 81.30-81.39)



81.62 Fusion or refusion of 2-3 vertebrae 81.63 Fusion or refusion of 4-8 vertebrae 81.64 Fusion or refusion of 9 or more vertebrae 81.65 Percutaneous vertebroplasty Injection of bone void filler (cement) (polymethylmethacrylate) (PMMA) into the diseased or fractured vertebral body Excludes: kyphoplasty (81.66) percutaneous vertebral augmentation (81.66) 81.66 Percutaneous vertebral augmentation Insertion of inflatable balloon, bone tamp, or other device displacing (removing) (compacting) bone to create a space (cavity) (void) prior to injection of bone void filler (cement)(polymethylmethacrylate) (PMMA) or other substance Arcuplasty Kyphoplasty SKyphoplasty Spineoplasty Excludes: percutaneous vertebroplasty (81.65) 81.7 Arthroplasty and repair of hand, fingers and wrist Includes: arthroplasty of hand and finger with: external traction or fixation graft of bone (chips) or cartilage internal fixation device or prosthesis Excludes: operations on muscle, tendon and fascia of hand (82.01-82.99) 81.71 Arthroplasty of metacarpophalangeal and interphalangeal joint with implant 81.72 Arthroplasty of metacarpophalangeal and interphalangeal joint without implant 81.73 Total wrist replacement 81.74 Arthroplasty of carpocarpal or carpometacarpal joint with implant 81.75 Arthroplasty of carpocarpal or carpometacarpal joint without implant 81.79 Other repair of hand, fingers and wrist 81.8 Arthroplasty and repair of shoulder and elbow Includes: arthroplasty of upper limb NEC with: external traction or fixation graft of bone (chips) or cartilage internal fixation device or prosthesis 81.80 Other total shoulder replacement ® Excludes: reverse total shoulder replacement (81.88) 81.81 Partial shoulder replacement 81.82 Repair of recurrent dislocation of shoulder 81.83 Other repair of shoulder 81.84 Total elbow replacement Partial elbow replacement

	81.85	Other repair of elbow		
	81.88 Reverse total shoulder replacement 🎏			
		Reverse ball-and-socket of the shoulder		
		Excludes: conversion of prior (failed) total shoulder replacement		
		(arthroplasty) to reverse total shoulder replacement		
01.0	Otha	(81.97)		
01.9		r operations on joint structures		
	81.91 Arthrocentesis Joint aspiration			
		Excludes: that for:		
		arthrography <u>(88.32)</u> biopsy of joint structure <u>(80.30-80.39)</u>		
		injection of drug (81.92)		
	81.92	Injection of therapeutic substance into joint or ligament		
	81.93	Suture of capsule or ligament of upper extremity		
		Excludes: that associated wit arthroplasty ( $81.71-81.75$ , $81.80-81.81$ , $81.84$ )		
	81.94	Suture of capsule or ligament of ankle and foot		
		Excludes: that associated wit arthroplasty (81.56-81.59)		
	81.95	Suture of capsule or ligament of other lower extremity		
		Excludes: that associated wit arthroplasty (81.51-81.55, 81.59)		
	81.96	Other repair of joint		
	81.97 Revision of joint replacement of upper extremity Partial			
	Removal of cement spacer Total Revision of arthroplasty of shoulder			
	81.98	Other diagnostic procedures on joint structures		
		Excludes: arthroscopy (80.20-80.29) biopsy of joint structure (80.30-80.39) microscopic examination of specimen from joint (91.51-91.59) thermography (88.83) x-ray (87.21-87.29, 88.21-88.33)		
	81.99	Other		
	_			
82	Operations on muscle, tendon, and fascia of hand			
	Include	es: operations on:		
		aponeurosis synovial membrane (tendon sheath) tendon sheath		
82.0	Incisi	ion of muscle, tendon, fascia, and bursa of hand		
-		Exploration of tendon sheath of hand		

Excludes: division of tendon (82.11) Mew code Revised code 4th digit required

Incision of tendon sheath of hand

Removal of rice bodies in tendon sheath of hand

	82.02	Myotomy of hand		
		Excludes: myotomy for division (82.19)		
	82.03	Bursotomy of hand		
	82.04	Incision and drainage of palmar or thenar space		
	82.09	Other incision of soft tissue of hand		
		Excludes: incision of skin an subcutaneous tissue alone (86.01-86.09)		
82.1	Divis	sion of muscle, tendon, and fascia of hand		
	82.11	Tenotomy of hand Division of tendon of hand		
	82.12	Fasciotomy of hand Division of fascia of hand		
	82.19	Other division of soft tissue of hand Division of muscle of hand		
82.2	Excis	ion of lesion of muscle, tendon, and fascia of hand		
	82.21	Excision of lesion of tendon sheath of hand Ganglionectomy of tendon sheath (wrist)		
	82.22	Excision of lesion of muscle of hand		
	82.29	Excision of other lesion of soft tissue of hand		
		Excludes: excision of lesion of skin and subcutaneous tissue (86.21-86.3)		
82.3	Othe	r excision of soft tissue of hand		
	Code a	also any skin graft ( <u>86.61-86.62</u> , <u>86.73</u> )		
	Exclud	es: excision of skin and subcutaneous tissue (86.21-86.3)		
	82.31	31 Bursectomy of hand		
	82.32	.32 Excision of tendon of hand for graft		
	82.33	Other tenonectomy of hand Tenosynovectomy of hand		
		Excludes: excision of lesion of: tendon (82.29) sheath (82.21)		
	82.34	Excision of muscle or fascia of hand for graft		
	82.35	Other fasciectomy of hand Release of Dupuytren's contracture		
		Excludes: excision of lesion of fascia (82.29)		
	82.36	Other myectomy of hand		
		Excludes: excision of lesion of muscle (82.22)		
	82.39	Other excision of soft tissue of hand		
		Excludes: excision of skin (86.21-86.3) excision of soft tissue lesion (82.29)		
82.4	Sutu	re of muscle, tendon, and fascia of hand		
_		Suture of tendon sheath of hand		
216				
216	1	OR procedure Non OR procedure but affects ThaiDRG		

82.42 Delayed suture of flexor tendon of hand 82.43 Delayed suture of other tendon of hand 82.44 Other suture of flexor tendon of hand Excludes: delayed suture of flexor tendon of hand (82.42) 82.45 Other suture of other tendon of hand Excludes: delayed suture of other tendon of hand (82.43) 82.46 Suture of muscle or fascia of hand 82.5 Transplantation of muscle and tendon of hand 82.51 Advancement of tendon of hand 82.52 Recession of tendon of hand 82.53 Reattachment of tendon of hand 82.54 Reattachment of muscle of hand 82.55 Other change in hand muscle or tendon length 82.56 Other hand tendon transfer or transplantation Excludes: pollicization of thumb (82.61) transfer of finger, except thum (82.81) 82.57 Other hand tendon transposition 82.58 Other hand muscle transfer or transplantation 82.59 Other hand muscle transposition 82.6 Reconstruction of thumb Includes: digital transfer to act as thumb Code also any amputation for digital transfer (84.01, 84.11) 82.61 Pollicization operation carrying over nerves and blood supply 82.69 Other reconstruction of thumb "Cocked-hat" procedure [skin flap and bone] Grafts: bone to thumb skin (pedicle) to thumb 82.7 Plastic operation on hand with graft or implant 82.71 Tendon pulley reconstruction Reconstruction for opponensplasty 82.72 Plastic operation on hand with graft of muscle or fascia 82.79 Plastic operation on hand with other graft or implant Tendon graft to hand 82.8 Other plastic operations on hand 82.81 Transfer of finger, except thumb Excludes: pollicization of thumb (82.61) 82.82 Repair of cleft hand 82.83 Repair of macrodactyly 82.84 Repair of mallet finger

82.85 Other tenodesis of hand

82.86 Other tenoplasty of hand Myotenoplasty of hand

Tendon fixation of hand NOS

82.89 Other plastic operations on hand

		Plication of fascia Repair of fascial hernia
		Excludes: that with graft or implant (82.71-82.79)
82 0	Othe	r operations on muscle, tendon, and fascia of hand
02.5		es: diagnostic procedures on soft tissue of hand (83.21-83.29)
		Lysis of adhesions of hand
	02.0	Freeing of adhesions of fascia, muscle, and tendon of hand
		Excludes: decompression of carpal tunnel (04.43) that by stretching o manipulation only (93.26)
	82.92	Aspiration of bursa of hand
	82.93	Aspiration of other soft tissue of hand
		Excludes: skin and subcutaneous tissue (86.01)
	82.94	Injection of therapeutic substance into bursa of hand
	82.95	Injection of therapeutic substance into tendon of hand
	82.96	Other injection of locally-acting therapeutic substance into soft tissue of hand
		Excludes: subcutaneous or intramuscular injection (99.11-99.29)
	82.99	Other operations on muscle, tendon, and fascia of hand
83	Operations on muscle, tendon, fascia, and bursa, exceptand	
	Include	es: operations on: aponeurosis synovial membrane of bursa and tendon sheaths tendon sheaths
	Exclud	les: diaphragm (34.81-34.89) hand (82.01-82.99) muscles of eye (15.01-15.9)
83.0	Incisi	ion of muscle, tendon, fascia, and bursa
	83.01	Exploration of tendon sheath Incision of tendon sheath Removal of rice bodies from tendon sheath
	83.02	Myotomy
		Excludes: cricopharyngeal myotomy (29.31)
	83.03	Bursotomy Removal of calcareous deposit of bursa
		Excludes: aspiration of burs (percutaneous) (83.94)
218	1	OR procedure Non OR procedure but affects ThaiDRG

#### 83.09 Other incision of soft tissue

Incision of fascia

Excludes: incision of skin an subcutaneous tissue alone (86.01-86.09)

### 83.1 Division of muscle, tendon, and fascia

- 83.11 Achillotenotomy
- 83.12 Adductor tenotomy of hip

#### 83.13 Other tenotomy

Aponeurotomy

Division of tendon

Tendon release

Tendon transection

Tenotomy for thoracic outlet decompression

#### 83.14 Fasciotomy

Division of fascia

Division of iliotibial band

Fascia stripping

Release of Volkmann's contracture by fasciotomy

#### 83.19 Other division of soft tissue

Division of muscle

Muscle release

Myotomy for thoracic outlet decompression

Myotomy with division

Scalenotomy

Transection of muscle

# 83.2 Diagnostic procedures on muscle, tendon, fascia, and bursa, including that of hand

# 83.21 Open biopsy of soft tissue ®

Excludes: biopsy of chest wall (34.23)

closed biopsy of skin and subcutaneous tissue (86.11)

# 83.29 Other diagnostic procedures on muscle, tendon, fascia, and bursa, including that of hand

Excludes: microscopic examination of specimen (91.51-91.59) soft tissue x-ray (87.09, 87.38-87.39, 88.09, 88.35, 88.37)

thermography of muscle (88.84)

# 83.3 Excision of lesion of muscle, tendon, fascia, and bursa

Excludes: biopsy of soft tissue (83.21)

#### 83.31 Excision of lesion of tendon sheath

Excision of ganglion of tendon sheath, except of hand

#### 83.32 Excision of lesion of muscle

Excision of:

heterotopic bone

muscle scar for release of Volkmann's contracture

mvositis ossificans

#### 83.39 Excision of lesion of other soft tissue

Excision of Baker's cvst

		Excludes: bursectomy (83.5) excision of lesion of skin and subcutaneous tissue (86.3) synovectomy (80.70-80.79)
83.4	Othe	r excision of muscle, tendon, and fascia
	83.41	Excision of tendon for graft
	83.42	Other tenonectomy Excision of: aponeurosis tendon sheath Tenosynovectomy
	83.43	Excision of muscle or fascia for graft
	83.44	Other fasciectomy
	83.45	Other myectomy Debridement of muscle NOS Scalenectomy
	83.49	Other excision of soft tissue
83.5	5 Bursectomy	
83.6	Sutu	re of muscle, tendon, and fascia
	83.61	Suture of tendon sheath
		Delayed suture of tendon
	83.63	Rotator cuff repair
	83.64	Other suture of tendon Achillorrhaphy Aponeurorrhaphy
		Excludes: delayed suture of tendon (83.62)
	83.65	Other suture of muscle or fascia Repair of diastasis recti
83.7	Reco	nstruction of muscle and tendon
	Exclud	es: reconstruction of muscle and tendon associated with arthroplasty
	83.71	Advancement of tendon
	83.72	Recession of tendon
	83.73	Reattachment of tendon
	83.74	Reattachment of muscle
		Tendon transfer or transplantation
		Other tendon transposition
	83.77	Muscle transfer or transplantation Release of Volkmann's contracture by muscle transplantation
	83.79	Other muscle transposition
83.8	Othe	r plastic operations on muscle, tendon, and fascia
	Exclud	es: plastic operations on muscle, tendon, and fascia associated with arthroplasty
	83.81	Tendon graft
220	1	OR procedure Non OR procedure but affects ThaiDRG

	83.82	Graft of muscle or fascia
	83.83	Tendon pulley reconstruction
	83.84	Release of clubfoot, not elsewhere classified Evans operation on clubfoot
	83.85	Other change in muscle or tendon length Hamstring lengthening Heel cord shortening Plastic achillotenotomy Tendon plication
	83.86	Quadricepsplasty
	83.87	Other plastic operations on muscle Musculoplasty Myoplasty
	83.88	Other plastic operations on tendon Myotenoplasty Tendon fixation Tenodesis Tenoplasty
	83.89	Other plastic operations on fascia Fascia lengthening Fascioplasty Plication of fascia
83.9	Other operations on muscle, tendon, fascia, and bursa	
	Exclud	es: nonoperative: manipulation (93.25-93.29) stretching (93.27-93.29)
	83.91	Lysis of adhesions of muscle, tendon, fascia, and bursa
		Excludes: that for tarsal tunnel syndrome (04.44)
	83.92	Insertion or replacement of skeletal muscle stimulator Implantation, insertion, placement, or replacement of skeletal muscle: electrodes stimulator
	83.93	Removal of skeletal muscle stimulator
	83.94	Aspiration of bursa
	83.95	Aspiration of other soft tissue
		Excludes: that of skin and subcutaneous tissue (86.01)
	83.96	Injection of therapeutic substance into bursa
		Injection of therapeutic substance into tendon
	83.98	Injection of locally-acting the rapeutic substance into other soft tissue $% \label{eq:control} % \label{eq:control}$
		Excludes: subcutaneous or intramuscular injection (99.11-99.29)

Suture of bursa

83.99 Other operations on muscle, tendon, fascia, and bursa

# 84 Other procedures on musculoskeletal system

### 84.0 Amputation of upper limb

Excludes: revision of amputation stump (84.3)

# 84.00 Upper limb amputation, not otherwise specified

Closed flap amputation of upper limb NOS Kineplastic amputation of upper limb NOS

Open or guillotine amputation of upper limb NOS

Revision of current traumatic amputation of upper limb NOS

#### 84.01 Amputation and disarticulation of finger

Excludes: ligation of supernumerary finger (86.26)

### 84.02 Amputation and disarticulation of thumb

# 84.03 Amputation through hand

Amputation through carpals

#### 84.04 Disarticulation of wrist

# 84.05 Amputation through forearm

Forearm amputation

#### 84.06 Disarticulation of elbow

# 84.07 Amputation through humerus

Upper arm amputation

# 84.08 Disarticulation of shoulder

# 84.09 Interthoracoscapular amputation

Foreguarter amoutation

#### 84.1 Amputation of lower limb

Excludes: revision of amputation stump (84.3)

#### 84.10 Lower limb amputation, not otherwise specified

Closed flap amputation of lower limb NOS Kineplastic amputation of lower limb NOS

Open or guillotine amputation of lower limb NOS

Revision of current traumatic amputation of lower limb NOS

#### 84.11 Amputation of toe

Amputation through metatarsophalangeal joint

Disarticulation of toe

Metatarsal head amputation

Ray amputation of foot (disarticulation of the metatarsal head of the toe extending across the forefoot just proximal to the metatarsophalangeal crease)

Excludes: ligation of supernumerary toe (86.26)

# 84.12 Amputation through foot

Amputation of forefoot

Amputation through middle of foot

Chopart's amputation

Midtarsal amputation

Transmetatarsal amputation (amputation of the forefoot, including all the toes)

Excludes: Ray amputation of foot (84.11)



- 84.13 Disarticulation of ankle
- 84.14 Amputation of ankle through malleoli of tibia and fibula
- 84.15 Other amputation below knee

Amputation of leg through tibia and fibula NOS

84.16 Disarticulation of knee

Batch, Spitler, and McFaddin amputation

Mazet amputation

S.P. Roger's amputation

84.17 Amputation above knee

Amputation of leg through femur

Amputation of thigh

Conversion of below-knee amputation into above-knee amputation Supracondylar above-knee amputation

- 84.18 Disarticulation of hip
- 84.19 Abdominopelvic amputation

Hemipelvectomy

Hindquarter amputation

- 84.2 Reattachment of extremity
  - 84.21 Thumb reattachment
  - 84.22 Finger reattachment
  - 84.23 Forearm, wrist, or hand reattachment
  - 84.24 Upper arm reattachment Reattachment of arm NOS
  - 84.25 Toe reattachment
  - 84.26 Foot reattachment
  - 84.27 Lower leg or ankle reattachment Reattachment of leg NOS
  - 84.28 Thigh reattachment
  - 84.29 Other reattachment
- 84.3 Revision of amputation stump

Reamputation of stump

Secondary closure of stump

Trimming of stump

Excludes: revision of current traumatic amputation [revision by further amputation of current injury] (84.00-84.19, 84.91)

- 84.4 Implantation or fitting of prosthetic limb device
  - 84.40 Implantation or fitting of prosthetic limb device, not otherwise specified
  - 84.41 Fitting of prosthesis of upper arm and shoulder
  - 84.42 Fitting of prosthesis of lower arm and hand
  - 84.43 Fitting of prosthesis of arm, not otherwise specified
  - 84.44 Implantation of prosthetic device of arm
  - 84.45 Fitting of prosthesis above knee

	84.46	Fitting of prosthesis below knee
	84.47	Fitting of prosthesis of leg, not otherwise specified
	84.48	Implantation of prosthetic device of leg
84.5	Impla	antation of other musculoskeletal devices and substances
	Exclud	es: insertion of (non-fusion) spinal disc replacement device (84.60 - 84.69)
	84.51	Insertion of interbody spinal fusion device Insertion of:cages (carbon, ceramic, metal, plastic or titanium) interbody fusion cage synthetic cages or spacers threaded bone dowels Code also refusion of spine (81.30 - 81.39) Code also spinal fusion (81.00 - 81.08)
	84.52	Insertion of recombinant bone morphogenetic protein rhBMP
		That via collagen sponge, coral, ceramic and other carriers  Code also primary procedure performed: fracture repair (79.00-79.99) spinal fusion (81.00 - 81.08) spinal refusion (81.30 - 81.39)
	84.53	Implantation of internal limb lengthening device with kinetic distraction  Code also limb lengthening procedure (78.30 - 78.39)
	84.54	Implantation of other internal limb lengthening device Implantation of internal limb lengthening device, Not Otherwise Specified (NOS) Code also limb lengthening procedure (78.30 - 78.39)
	84.55	Insertion of bone void filler Insertion of:     acrylic cement (PMMA)     bone void cement     calcium based bone void filler     polymethylmethacrylate (PMMA)
		Excludes: that with percutaneous vertebral augmentation (81.66) that with percutaneous vertebroplasty (81.65)
	84.56	Insertion or replacement of (cement) spacer Insertion or replacement of joint (methylmethacrylate) spacer
	84.57	Removal of (cement) spacer Removal of joint (methylmethacrylate) spacer
	84.59	Insertion of other spinal devices
		Excludes: initial insertion of pedicle screws with spinal fusionomit code insertion of facet replacement device(s) (84.84) insertion of interspinous process device(s) (84.80) insertion of pedicle-based dynamic stabilization device(s) (84.82)

# 84.6 Replacement of spinal disc

Includes: non-fusion arthroplasty of the spine with insertion of artificial disc prosthesis

- 84.60 Insertion of spinal disc prosthesis, not otherwise specified Replacement of spinal disc, NOS Includes: diskectomy (discectomy)
- 84.61 Insertion of partial spinal disc prosthesis, cervical Nuclear replacement device, cervical Partial artificial disc prosthesis (flexible), cervical Replacement of nuclear disc (nucleus pulposus), cervical Includes: diskectomy (discectomy)
- 84.62 Insertion of total spinal disc prosthesis, cervical Replacement of cervical spinal disc. NOS Replacement of total spinal disc, cervical Total artificial disc prosthesis (flexible), cervical Includes: diskectomy (discectomy)
- 84.63 Insertion of spinal disc prosthesis, thoracic Artificial disc prosthesis (flexible), thoracic Replacement of thoracic spinal disc, partial or total Includes: diskectomy (discectomy)
- 84.64 Insertion of partial spinal disc prosthesis, lumbosacral Nuclear replacement device, lumbar Partial artificial disc prosthesis (flexible), lumbar Replacement of nuclear disc (nucleus pulposus), lumbar Includes: diskectomy (discectomy)
- Insertion of total spinal disc prosthesis, lumbosacral Replacement of lumbar spinal disc, NOS Replacement of total spinal disc, lumbar Total artificial disc prosthesis (flexible), lumbar Includes: diskectomy (discectomy)
- 84.66 Revision or replacement of artificial spinal disc prosthesis,

Removal of (partial) (total) spinal disc prosthesis with synchronous insertion of new (partial) (total) spinal disc prosthesis, cervical Repair of previously inserted spinal disc prosthesis, cervical

84.67 Revision or replacement of artificial spinal disc prosthesis. thoracic

> Removal of (partial) (total) spinal disc prosthesis with synchronous insertion of new (partial) (total) spinal disc prosthesis, thoracic Repair of previously inserted spinal disc prosthesis, thoracic

84.68 Revision or replacement of artificial spinal disc prosthesis, lumbosacral

> Removal of (partial) (total) spinal disc prosthesis with synchronous insertion of new (partial)(total) spinal disc prosthesis. lumbosacral

Repair of previously inserted spinal disc prosthesis, lumbosacral

84.69 Revision or replacement of artificial spinal disc prosthesis, not otherwise specified

Removal of (partial) (total) spinal disc prosthesis with synchronous

insertion of new (partial)(total) spinal disc prosthesis Repair of previously inserted spinal disc prosthesis

# 84.7 Adjunct codes for external fixator devices

Code also any primary procedure performed:

application of external fixator device (78.10, 78.12-78.13, 78.15, 78.17-78.19)

reduction of fracture and dislocation (79.00-79.89)

# 84.71 Application of external fixator device, monoplanar system

Excludes: other hybrid device or system (84.73) ring device or system (84.72)

# 84.72 Application of external fixator device, ring system

Ilizarov type Sheffield type

Excludes: monoplanar device or system (84.71) other hybrid device or system (84.73)

# 84.73 Application of hybrid external fixator device

Computer (assisted) (dependent) external fixator device Hybrid system using both ring and monoplanar devices

Excludes: monoplanar device or system, when used alone (84.71) ring device or system, when used alone (84.72)

# 84.8 Insertion, replacement and revision of posterior spinal motion preservation device(s)

Dynamic spinal stabilization device(s)

Includes any synchronous facetectomy (partial, total) performed at the same level

Code also any synchronous surgical decompression (foraminotomy, laminectomy, laminotomy), if performed (03.09)

Excludes: fusion of spine (81.00 - 81.08, 81.30-81.39) insertion of artificial disc prosthesis (84.60-84.69) insertion of interbody spinal fusion device (84.51)

#### 84.80 Insertion or replacement of interspinous process device(s)

Interspinous process decompression device(s)
Interspinous process distraction device(s)

Excludes: insertion or replacement of facet replacement device (84.84) insertion or replacement of pedicle-based dynamic stabilization device (84.82)

#### 84.81 Revision of interspinous process device(s)

Repair of previously inserted interspinous process device(s)

Excludes: revision of facet replacement device(s) (84.85)
revision of pedicle-based dynamic stabilization device
(84.83)

# 84.82 Insertion or replacement of pedicle-based dynamic stabilization device(s)

Excludes: initial insertion of pedicle screws with spinal fusion--omit code insertion or replacement of facet replacement device(s)

(84.84)

insertion or replacement of interspinous process device(s) (84.80)

replacement of pedicle screws used in spinal fusion (78.59)

# 84.83 Revision of pedicle-based dynamic stabilization device(s)

Repair of previously inserted pedicle-based dynamic stabilization device(s)

Excludes: removal of pedicle screws used in spinal fusion (78.69) replacement of pedicle screws used in spinal fusion (78.59) revision of facet replacement device(s) (84.85) revision of interspinous process device(s) (84.81)

### 84.84 Insertion or replacement of facet replacement device(s) Facet arthroplasty

Excludes: initial insertion of pedicle screws with spinal fusion--omit code insertion or replacement of interspinous process device(s) (84.80)

> insertion or replacement of pedicle-based dynamic stabilization device(s) (84.82)) replacement of pedicle screws used in spinal fusion (78.59)

# 84.85 Revision of facet replacement device(s)

Repair of previously inserted facet replacement device(s)

Excludes: removal of pedicle screws used in spinal fusion (78.69) replacement of pedicle screws used in spinal fusion (78.59)revision of interspinous process device(s) (84.81) revision of pedicle-based dynamic stabilization device(s) (84.83)

# 84.9 Other operations on musculoskeletal system

Excludes: nonoperative manipulation (93.25-93.29)

- 84.91 Amputation, not otherwise specified
- 84.92 Separation of equal conjoined twins
- 84.93 Separation of unequal conjoined twins Separation of conjoined twins NOS
- 84.94 Insertion of sternal fixation device with rigid plates W

Excludes: insertion of sternal fixation device for internal fixation of fracture (79.39)

internal fixation of bone without fracture reduction (78.59)

84.99 Other

#### 15. OPERATIONS ON THE INTEGUMENTARY SYSTEM (85-86)

#### 85 Operations on the breast

Includes: operations on the skin and subcutaneous tissue of:

breast female or male

previous mastectomy site female or male revision of previous mastectomy site

#### 85.0 Mastotomy

Incision of breast (skin)

Mammotomy

Excludes: aspiration of breast (85.91) removal of implant (85.94)

### 85.1 Diagnostic procedures on breast

85.11 Closed [percutaneous] [needle] biopsy of breast

85.12 Open biopsy of breast

### 85.19 Other diagnostic procedures on breast

Excludes: mammary ductogram (87.35) mammography NEC (87.37)

manual examination (89.36)

microscopic examination of specimen (91.61-91.69)

thermography (88.85) ultrasonography (88.73) xerography (87.36)

#### 85.2 Excision or destruction of breast tissue

Excludes: mastectomy (85.41-85.48)

reduction mammoplasty (85.31-85.32)

#### 85.20 Excision or destruction of breast tissue, not otherwise specified

Excludes: laser interstitial thermal therapy [LITT] of lesion or tissue of

breast under guidance (17.69)

#### 85.21 Local excision of lesion of breast

Lumpectomy

Removal of area of fibrosis from breast

Excludes: biopsy of breast (85.11-85.12)

#### 85.22 Resection of quadrant of breast

85.23 Subtotal mastectomy

Excludes: quadrant resection (85.22)

# 85.24 Excision of ectopic breast tissue

Excision of accessory nipple

85.25 Excision of nipple

Excludes: excision of accessory nipple (85.24)

### 85.3 Reduction mammoplasty and subcutaneous mammectomy

# 85.31 Unilateral reduction mammoplasty

Unilateral:

amputative mammoplasty size reduction mammoplasty

#### 85.32 Bilateral reduction mammoplasty

Amputative mammoplasty

Reduction mammoplasty (for gynecomastia)

# 85.33 Unilateral subcutaneous mammectomy with synchronous implant

Excludes: that without synchronous implant (85.34)

# 85.34 Other unilateral subcutaneous mammectomy

Removal of breast tissue with preservation of skin and nipple Subcutaneous mammectomy NOS

# 85.35 Bilateral subcutaneous mammectomy with synchronous implant

Excludes: that without synchronous implant (85.36)

85.36 Other bilateral subcutaneous mammectomy

#### 85.4 Mastectomy

#### 85.41 Unilateral simple mastectomy

Mastectomy:

NOS

complete

# 85.42 Bilateral simple mastectomy

Bilateral complete mastectomy

# 85.43 Unilateral extended simple mastectomy

Extended simple mastectomy NOS Modified radical mastectomy

Simple mastectomy with excision of regional lymph nodes

#### 85.44 Bilateral extended simple mastectomy

#### 85.45 Unilateral radical mastectomy

Excision of breast, pectoral muscles, and regional lymph nodes [axillary, clavicular, supraclavicular]

Radical mastectomy NOS

#### 85.46 Bilateral radical mastectomy

#### 85.47 Unilateral extended radical mastectomy

Excision of breast, muscles, and lymph nodes [axillary, clavicular, supraclavicular, internal mammary, and mediastinal] Extended radical mastectomy NOS

85.48 Bilateral extended radical mastectomy

#### 85.5 Augmentation mammoplasty

Excludes: that associated with subcutaneous mammectomy (85.33, 85.35)

#### 85.50 Augmentation mammoplasty, not otherwise specified

#### 85.51 Unilateral injection into breast for augmentation

Excludes: injection of fat graft of breast (85.55)

85.52 Bilateral injection into breast for augmentation Injection into breast for augmentation NOS

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Excludes: injection of fat graft of breast (85.55)
     85.53 Unilateral breast implant
     85.54 Bilateral breast implant
             Breast implant NOS
     85.55 Fat graft to breast 🗱
              Includes: extraction of fat for autologous graft
              Autologous fat transplantation or transfer
              Fat graft to breast NOS
              Fat graft to breast with or without use of enriched graft
              Micro-fat grafting
             Excludes: that with reconstruction of breast (85.70 - 85.79)
85.6 Mastopexv
85.7 Total reconstruction of breast
       85.70 Total reconstruction of breast, not otherwise specified
               Perforator flap, free
       85.71 Latissimus dorsi mvocutaneous flap
       85.72 Transverse rectus abdominis myocutaneous (TRAM) flap, pedicled
              Excludes: transverse rectus abdominis myocutaneous (TRAM) flap,
                          free (85.73)
       85.73 Transverse rectus abdominis myocutaneous (TRAM) flap, free
             Excludes: transverse rectus abdominis myocutaneous (TRAM) flap,
                        pedicled (85.72)
       85.74 Deep inferior epigastric artery perforator (DIEP) flap, free
       85.75 Superficial inferior epigastric artery (SIEA) flap, free
       85.76 Gluteal artery perforator (GAP) flap, free
       85.79 Other total reconstruction of breast
              Excludes: deep inferior epigastric artery perforator (DIEP) flap, free
                          (85.74)
                        aluteal artery perforator (GAP) flap, free (85.76)
                        latissimus dorsi myocutaneous flap (85.71)
                        perforator flap, free (85.70)
                        superficial inferior epigastric artery (SIEA) flap, free (85.75)
                        total reconstruction of breast, not otherwise specified
                            (85.70)
                        transverse rectus abdominis myocutaneous (TRAM) flap,
                            free (85.73)
                        transverse rectus abdominis myocutaneous (TRAM) flap,
                            pedicled (85.72)
85.8 Other repair and plastic operations on breast
     Excludes: that for:
                 augmentation (85.50-85.54)
                 reconstruction (85.70-85.76, 85.79)
                 reduction (85.31-85.32)
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              OR procedure Non OR procedure but affects ThaiDRG
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- 85.81 Suture of laceration of breast 85.82 Split-thickness graft to breast 85.83 Full-thickness graft to breast 85.84 Pedicle graft to breast 85.85 Muscle flap graft to breast 85.86 Transposition of nipple 85.87 Other repair or reconstruction of nipple 85.89 Other mammoplasty 85.9 Other operations on the breast 85.91 Aspiration of breast Excludes: percutaneous biopsy of breast (85.11) 85.92 Injection of therapeutic agent into breast Excludes: that for augmentation of breast (85.51-85.52,85.55) 85.93 Revision of implant of breast 85.94 Removal of implant of breast 85.95 Insertion of breast tissue expander Insertion (soft tissue) of tissue expander (one or more) under muscle or platysma to develop skin flaps for donor use 85.96 Removal of breast tissue expander 85.99 Other 86 Operations on skin and subcutaneous tissue Includes: operations on: hair follicles male perineum sebaceous glands subcutaneous fat pads sudoriferous glands superficial fossae Excludes: those on skin of: anus (49.01-49.99) breast (mastectomy site) (85.0-85.99)
  - evelid (08.01-08.99) female perineum (71.01-71.9)

ear (18.01-18.9) eyebrow (08.01-08.99)

lips (27.0-27.99)

nose (21.00-21.99) penis (64.0-64.99) scrotum (61.0-61.99) vulva (71.01-71.9)

# 86.0 Incision of skin and subcutaneous tissue

86.01 Aspiration of skin and subcutaneous tissue



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Aspiration of:
          abscess of nail, skin, or subcutaneous tissue
          hematoma of nail, skin, or subcutaneous tissue
          seroma of nail, skin, or subcutaneous tissue
86.02 Injection or tattooing of skin lesion or defect
        Injection of filling material
        Insertion of filling material
        Pigmenting of skin of filling material
86.03 Incision of pilonidal sinus or cyst
       Excludes: marsupialization (86.21)
86.04 Other incision with drainage of skin and subcutaneous tissue
       Excludes: drainage of:
                  fascial compartments of face and mouth (27.0)
                  palmar or thenar space (82.04)
                  pilonidal sinus or cyst (86.03)
86.05 Incision with removal of foreign body or device from skin and
       subcutaneous tissue
        Removal of loop recorder
        Removal of neurostimulator pulse generator (single array, dual array)
        Removal of tissue expander(s) from skin or soft tissue other than
          breast tissue
        Removal of carotid sinus baroreflex activation device
       Excludes: removal of foreign body without incision (98.20-98.29)
86.06 Insertion of totally implantable infusion pump
        Code also any associated catheterization
       Excludes: insertion of totally implantable vascular access device (86.07)
86.07 Insertion of totally implantable vascular access device [VAD]
        Totally implanted port
       Excludes: insertion of totally implantable infusion pump (86.06)
86.09 Other incision of skin and subcutaneous tissue
        Creation of thalamic stimulator pulse generator pocket, new site
        Escharotomy
        Exploration:
        sinus tract, skin
        superficial fossa
        Relocation of subcutaneous device pocket NEC
        Reopening subcutaneous pocket for device revision without
          replacement
        Undercutting of hair follicle
       Excludes: creation of loop recorder pocket, new site and
                   insertion/relocation of device (37.79)
                 creation of pocket for implantable, patient-activated cardiac
                   event recorder and insertion/relocation of device (37.79)
                 removal of catheter from cranial cavity (01.27)
                 that of:
                   cardiac pacemaker pocket, new site (37.79)
                   fascial compartments of face and mouth (27.0)
                 that for drainage (86.04)
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# 86.1 Diagnostic procedures on skin and subcutaneous tissue 86.11 Closed Biopsy of skin and subcutaneous tissue ® 86.19 Other diagnostic procedures on skin and subcutaneous tissue Excludes: microscopic examination of specimen from skin and subcutaneous tissue (91.61-91.79) 86.2 Excision or destruction of lesion or tissue of skin and subcutaneous tissue 86.21 Excision of pilonidal cyst or sinus Marsupialization of cyst Excludes: incision of pilonidal cvst or sinus (86.03) 86.22 Excisional debridement of wound, infection, or burn Removal by excision of: devitalized tissue necrosis slouah Excludes: debridement of: abdominal wall (wound) (54.3) bone (77.60-77.69) muscle (83.45) of hand (82.36) nail (bed) (fold) (86.27) nonexcisional debridement of wound, infection, or burn (86.28)open fracture site (79.60-79.69) pedicle or flap graft (86.75) 86.23 Removal of nail, nail bed, or nail fold 86.24 Chemosurgery of skin Chemical peel of skin 86.25 Dermabrasion That with laser Excludes: dermabrasion of wound to remove embedded debris (86.28) 86.26 Ligation of dermal appendage Excludes: excision of preauricula appendage (18.29) 86.27 Debridement of nail, nail bed, or nail fold Removal of: necrosis slough Excludes: removal of nail, nail bed, or nail fold (86.23) 86.28 Nonexcisional debridement of wound, infection or burn Debridement NOS Maggot therapy Removal of devitalized tissue, necrosis and slough by such methods as: brushina irrigation (under pressure) scrubbing washing Ultrasonic debridement

Water scalpel (jet)

# 86.3 Other local excision or destruction of lesion or tissue of skin and subcutaneous tissue Destruction of skin by: cauterization cryosurgery fulguration laser beam That with Z-plasty Excludes: adipectomy (86.83) biopsv of skin (86.11) wide or radical excision of skin (86.4) *Z-plasty without excision* (86.84) 86.4 Radical excision of skin lesion Wide excision of skin lesion involving underlying or adjacent structure Code also any lymph node dissection (40.3-40.5) 86.5 Suture or other closure of skin and subcutaneous tissue 86.51 Replantation of scalp 86.59 Closure of skin and subcutaneous tissue of other sites Adhesives (surgical) (tissue) Staples Sutures Excludes: application of adhesive strips (butterfly) --omit code 86.6 Free skin graft Includes: excision of skin for autogenous graft Excludes: construction or reconstruction of: penis (64.43-64.44) trachea (31.75) vagina (70.61-70.64) 86.60 Free skin graft, not otherwise specified 86.61 Full-thickness skin graft to hand Excludes: heterograft (86.65) homograft (86.66) 86.62 Other skin graft to hand Excludes: heterograft (86.65) homograft (86.66) 86.63 Full-thickness skin graft to other sites Excludes: heterograft (86.65) homograft (86.66) 86.64 Hair transplant Excludes: hair follicle transplant to eyebrow or eyelash (08.63) 86.65 Heterograft to skin Pigskin graft Porcine graft Excludes: application of dressing only (93.57) 86.66 Homograft to skin Graft to skin of: amnionic membrane from donor skin from donor

#### 86.67 Dermal regenerative graft

Artificial skin, NOS Creation of "neodermis" Decellularized allodermis

Integumentary matrix implants

Prosthetic implant of dermal layer of skin

Regenerate dermal layer of skin

Excludes: heterograft to skin (86.65) homograft to skin (86.66)

#### 86.69 Other skin graft to other sites

Excludes: heterograft (86.65) homograft (86.66)

# 86.7 Pedicle grafts or flaps

Excludes: construction or reconstruction of: penis (64.43-64.44) trachea (31.75) vagina (70.61-70.64)

#### 86.70 Pedicle or flap graft, not otherwise specified

### 86.71 Cutting and preparation of pedicle grafts or flaps

Elevation of pedicle from its bed Flap design and raising Partial cutting of pedicle or tube

Pedicle delay

Excludes: pollicization or digital transfer (82.61, 82.81) revision of pedicle (86.75)

#### 86.72 Advancement of pedicle graft

#### 86.73 Attachment of pedicle or flap graft to hand

Excludes: pollicization or digital transfer (82.61, 82.81)

#### 86.74 Attachment of pedicle or flap graft to other sites

Attachment by: advanced flap double pedicled flap pedicle graft rotating flap sliding flap tube graft

## 86.75 Revision of pedicle or flap graft

Debridement of pedicle or flap graft Defatting of pedicle or flap graft

#### 86.8 Other repair and reconstruction of skin and subcutaneous tissue

86.81 Repair for facial weakness

#### 86.82 Facial rhytidectomy

Face lift

Excludes: rhytidectomy of evelid (08.86-08.87)

# 86.83 Size reduction plastic operation

Liposuction

```
Reduction of adipose tissue of:
                abdominal wall (pendulous)
                arms (batwing)
                buttock
                thighs (trochanteric lipomatosis)
            Excludes: breast (85.31-85.32)
                      liposuction to harvest fat graft (86.90)
     86.84 Relaxation of scar or web contracture of skin
              Z-plasty of skin
            Excludes: Z-plasty with excision of lesion (86.3)
     86.85 Correction of syndactyly
     86.86 Onychoplasty
     86.87 Fat graft of skin and subcutaneous tissue 🎏
              Includes: extraction of fat for autologous graft
               Autologous fat transplantation or transfer
               Fat graft NOS
               Fat graft of skin and subcutaneous tissue with or without use of
                enriched graft
               Micro-fat grafting
            Excludes: fat graft to breast (85.55)
     86.89 Other repair and reconstruction of skin and subcutaneous tissue
            Excludes: mentoplasty (76.67-76.68)
     86.90 Extraction of fat for graft or banking ##
              Harvest of fat for extraction of cells for future use
              Liposuction to harvest fat graft
             Excludes: that with graft at same operative episode (85.55, 86.87)
86.9 Other operations on skin and subcutaneous tissue
     86.91 Excision of skin for graft
              Excision of skin with closure of donor site
            Excludes: that with graft at same operative episode (86.60-86.69)
     86.92 Electrolysis and other epilation of skin
            Excludes: epilation of eyelid (08.91-08.93)
     86.93 Insertion of tissue expander
              Insertion (subcutaneous) (soft tissue) of expander(one or more) in
                scalp (subgaleal space), face, neck, trunk except breast, and upper
                and lower extremities for development of skin flaps for donor use
            Excludes: flap graft preparation (86.71)
                      tissue expander, breast (85.95)
     86.94 Insertion or replacement of single array neurostimulator pulse
            generator, not specified as rechargeable
              Pulse generator (single array, single channel, single port) for
                intracranial, spinal, and peripheral neurostimulator
            Code also any associated lead implantation (02.93.03.93.04.92)
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Non OR procedure but affects ThaiDRG

OR procedure

Excludes: cranial implantation or replacement of neurostimulator pulse generator (01.20)

> insertion or replacement of single array rechargeable neurostimulator pulse generator (86.97)

86.95 Insertion or replacement of multiple array neurostimulator pulse generator, not specified as rechargeable (8)

> Pulse generator (multiple array, multiple channel, multiple port) for intracranial, spinal, and peripheral neurostimulator

Code also any associated lead implantation (02.93,03.93,04.92) Excludes: cranial implantation or replacement of neurostimulator pulse generator (01.20)

> insertion or replacement of multiple array rechargeable neurostimulator pulse generator (86.98)

86.96 Insertion or replacement of other neurostimulator pulse generator

Code also any associated lead implantation (02.93.03.93.04.92) Excludes: cranial implantation or replacement of neurostimulator pulse generator (01.20)

insertion of multiple I array neurostimulator pulse generator (86.95, 86.98)

insertion of single array neurostimulator pulse generator (86.94, 86.97)

86.97 Insertion or replacement of single array rechargeable neurostimulator pulse generator

Rechargeable pulse generator (single array, single channel, single port) for intracranial, spinal, and peripheral neurostimulator

Code also any associated lead implantation (02.93,03.93,04.92) Excludes: cranial implantation or replacement of neurostimulator pulse generator (01.20)

86.98 Insertion or replacement of multiple array (two or more) rechargeable neurostimulator pulse generator ®

Rechargeable pulse generator (multiple array, multiple channel, multiple port) for intracranial, spinal, and peripheral neurostimulator

Code also any associated lead implantation (02.93,03.93,04.92) Excludes: cranial implantation or replacement of neurostimulator pulse generator (01.20)

86.99 Other

**Excludes**: removal of sutures from: abdomen (97.83) head and neck <u>(97.38)</u> thorax (97.43) trunk NEC (97.84) wound catheter: irrigation (96.58)replacement (97.15)

#### 16. MISCELLANEOUS DIAGNOSTIC AND THERAPEUTIC PROCEDURES (87-99)

# 87 Diagnostic Radiology

# 87.0 Soft tissue x-ray of face, head, and neck

Excludes: angiography (88.40-88.68)

87.01 Pneumoencephalogram

87.02 Other contrast radiogram of brain and skull

Pneumocisternogram Pneumoventriculogram Posterior fossa myelogram

87.03 Computerized axial tomography of head

C.A.T. scan of head

87.04 Other tomography of head

87.05 Contrast dacryocystogram

87.06 Contrast radiogram of nasopharynx

87.07 Contrast larvngogram

87.08 Cervical lymphangiogram

87.09 Other soft tissue x-ray of face, head, and neck

Noncontrast x-ray of:

adenoid

larvnx

nasolacrimal duct

nasopharvnx salivary gland

thyroid region

uvula

Excludes: x-ray study of eye (95.14)

# 87.1 Other x-ray of face, head, and neck

Excludes: anaioaraphy (88.40-88.68)

87.11 Full-mouth x-ray of teeth

87.12 Other dental x-ray

Orthodontic cephalogram or cephalometrics

Panorex examination of mandible

Root canal x-ray

87.13 Temporomandibular contrast arthrogram

87.14 Contrast radiogram of orbit

87.15 Contrast radiogram of sinus

87.16 Other x-ray of facial bones

X-ray of:

frontal area mandible

maxilla nasal sinuses



nose orbit supraorbital area symphysis menti zygomaticomaxillary complex

#### 87.17 Other x-ray of skull

Lateral projection of skull Sagittal projection Tangential projection

# 87.2 X-ray of spine

- 87.21 Contrast myelogram
- 87.22 Other x-ray of cervical spine
- 87.23 Other x-ray of thoracic spine
- 87.24 Other x-ray of lumbosacral spine

Sacrococcygeal x-ray

87.29 Other x-ray of spine Spinal x-ray NOS

# 87.3 Soft tissue x-ray of thorax

Excludes: angiocardiography (88.50-88.58) angiography (88.40-88.68)

- 87.31 Endotracheal bronchogram
- 87.32 Other contrast bronchogram Transcricoid bronchogram
- 87.33 Mediastinal pneumogram
- 87.34 Intrathoracic lymphangiogram
- 87.35 Contrast radiogram of mammary ducts
- 87.36 Xerography of breast
- 87.37 Other mammography
- 87.38 Sinogram of chest wall Fistulogram of chest wall
- 87.39 Other soft tissue x-ray of chest wall

# 87.4 Other x-ray of thorax

Excludes: angiocardiography (88.50-88.58) angiography (88.40-88.68)

### 87.41 Computerized axial tomography of thorax

C.A.T. scan of thorax C.A.T. scan of heart

Crystal linea scan of x-ray beam of thorax

Electronic substraction of thorax Photoelectric response of thorax

Tomography with use of computer, x-rays, and camera of thorax

### 87.42 Other tomography of thorax

Cardiac tomogram

Excludes: C.A.T. scan of heart (87.41)







87.43 X-ray of ribs, sternum, and clavicle

87.44 Routine chest x-ray, so described X-ray of chest NOS

Examination for: cervical rib fracture

87.49 Other chest x-ray

# X-ray of: bronchus NOS diaphragm NOS heart NOS luna NOS mediastinum NOS trachea NOS 87.5 Biliary tract x-ray 87.51 Percutaneous hepatic cholangiogram 87.52 Intravenous cholangiogram 87.53 Intraoperative cholangiogram 87.54 Other cholangiogram 87.59 Other biliary tract x-ray Cholecystogram 87.6 Other x-ray of digestive system 87.61 Barium swallow 87.62 Upper GI series 87.63 Small bowel series 87.64 Lower GI series 87.65 Other x-ray of intestine 87.66 Contrast pancreatogram 87.69 Other digestive tract x-ray 87.7 X-ray of urinary system Excludes: angiography of renal vessels (88.45, 88.65) 87.71 Computerized axial tomography of kidney C.A.T. scan of kidney 87.72 Other nephrotomogram 87.73 Intravenous pyelogram Diuretic infusion pyelogram 87.74 Retrograde pyelogram 87.75 Percutaneous pyelogram 87.76 Retrograde cystourethrogram 87.77 Other cystogram 87.78 Ileal conduitogram 240 1 OR procedure Non OR procedure but affects ThaiDRG

### 87.79 Other x-ray of the urinary system KUB x-rav

# 87.8 X-ray of female genital organs

- 87.81 X-ray of gravid uterus Intrauterine cephalometry by x-ray
- 87.82 Gas contrast hysterosalpingogram
- 87.83 Opaque dye contrast hysterosalpingogram
- 87.84 Percutaneous hysterogram
- 87.85 Other x-ray of fallopian tubes and uterus
- 87.89 Other x-ray of female genital organs

# 87.9 X-ray of male genital organs

- 87.91 Contrast seminal vesiculogram
- 87.92 Other x-ray of prostate and seminal vesicles
- 87.93 Contrast epididymogram
- 87.94 Contrast vasogram
- 87.95 Other x-ray of epididymis and vas deferens
- 87.99 Other x-ray of male genital organs

# 88 Other diagnostic radiology and related techniques

# 88.0 Soft tissue x-ray of abdomen

Excludes: angiography (88.40-88.68)

88.01 Computerized axial tomography of abdomen

C.A.T. scan of abdomen

Excludes: C.A.T. scan of kidney (87.71)

- 88.02 Other abdomen tomography
  - Excludes: nephrotomogram (87.72)
- 88.03 Sinogram of abdominal wall Fistulogram of abdominal wall
- 88.04 Abdominal lymphangiogram
- 88.09 Other soft tissue x-ray of abdominal wall

#### 88.1 Other x-ray of abdomen

- 88.11 Pelvic opaque dye contrast radiography
- 88.12 Pelvic gas contrast radiography Pelvic pneumoperitoneum
- 88.13 Other peritoneal pneumogram
- 88.14 Retroperitoneal fistulogram
- 88.15 Retroperitoneal pneumogram
- 88.16 Other retroperitoneal x-ray
- 88.19 Other x-ray of abdomen Flat plate of abdomen

```
88.2 Skeletal x-ray of extremities and pelvis
     Excludes: contrast radiogram of joint (88.32)
     88.21 Skeletal x-ray of shoulder and upper arm
     88.22 Skeletal x-ray of elbow and forearm
     88.23 Skeletal x-ray of wrist and hand
     88.24 Skeletal x-ray of upper limb, not otherwise specified
     88.25 Pelvimetry
     88.26 Other skeletal x-ray of pelvis and hip
     88.27 Skeletal x-ray of thigh, knee, and lower leg
     88.28 Skeletal x-ray of ankle and foot
     88.29 Skeletal x-ray of lower limb, not otherwise specified
88.3 Other x-ray
     88.31 Skeletal series
             X-ray of whole skeleton
     88.32 Contrast arthrogram
            Excludes: that of temporomandibular joint (87.13)
     88.33 Other skeletal x-ray
            Excludes: skeletal x-ray of:
                      extremities and pelvis (88.21-88.29)
                      face, head, and neck (87.11-87.17)
                      spine <u>(87.21-87.29)</u>
                      thorax (87.43)
     88.34 Lymphangiogram of upper limb
     88.35 Other soft tissue x-ray of upper limb
     88.36 Lymphangiogram of lower limb
     88.37 Other soft tissue x-ray of lower limb
            Excludes: femoral angiography (88.48,88.66)
     88.38 Other computerized axial tomography
             CAT scan NOS
            Excludes: C.A.T. scan of:
                       abdomen (88.01)
                       head (87.03)
                       heart (87.41)
                       kidney (87.71)
                       thorax (87.41)
     88.39 X-ray, other and unspecified
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# 88.4 Arteriography using contrast material

Includes: angiography of arteries

arterial puncture for injection of contrast material

radiography of arteries (by fluoroscopy)

retrograde arteriography

The fourth-digit subclassification identifies the site to be viewed, not the site of injection.

Excludes: arteriography using:

radioisotopes or radionuclides (92.01-92.19)

ultrasound (88.71-88.79)

fluorescein angiography of eye (95.12)

#### 88.40 Arteriography using contrast material, unspecified site

# 88.41 Arteriography of cerebral arteries

Angiography of:

basilar artery

carotid (internal)

posterior cerebral circulation

vertebral artery

#### 88.42 Aortography

Arteriography of aorta and aortic arch

#### 88.43 Arteriography of pulmonary arteries

### 88.44 Arteriography of other intrathoracic vessels

Excludes: angiocardiography (88.50-88.58) arteriography of coronary arteries (88.55-88.57)

88.45 Arteriography of renal arteries

#### 88.46 Arteriography of placenta

Placentogram using contrast material

#### 88.47 Arteriography of other intra-abdominal arteries

88.48 Arteriography of femoral and other lower extremity arteries

88.49 Arteriography of other specified sites

#### 88.5 Angiocardiography using contrast material

Includes: arterial puncture and insertion of arterial catheter for injection of contrast material cineangiocardiography

selective angiocardiography

Code also synchronous cardiac catheterization (37.21-37.23)

Excludes: angiography of pulmonary vessels (88.43, 88.62)

#### 88.50 Angiocardiography, not otherwise specified

# 88.51 Angiocardiography of venae cavae

Inferior vena cavography

Phlebography of vena cava (inferior) (superior)

	88.52	Angiocardiography of right heart structures
		Angiocardiography of: pulmonary valve
		right atrium
		right ventricle (outflow tract)
		Excludes: that combined with left heart angiocardiography (88.54) intra-operative fluorescence vascular angiography (88.59)
	88.53	Angiocardiography of left heart structures Angiocardiography of: aortic valve left atrium left ventricle (outflow tract)
		Excludes: that combined with right heart angiocardiography (88.54) intra-operative fluorescence vascular angiography (88.59)
	88.54	Combined right and left heart angiocardiography
		$ {\it Excludes:} \ intra-operative \ fluorescence \ vascular \ angiography \ \ (\underline{88.59}) $
	88.55	Coronary arteriography using a single catheter Coronary arteriography by Sones technique Direct selective coronary arteriography using a single catheter
		${\it Excludes:} intra-operative fluorescence \ vascular \ angiography \ \ (\underline{88.59})$
	88.56	Coronary arteriography using two catheters Coronary arteriography by: Judkins technique Ricketts and Abrams technique Direct selective coronary arteriography using two catheters
		Excludes: intra-operative fluorescence vascular angiography (88.59)
	88.57	Other and unspecified coronary arteriography Coronary arteriography NOS
		Excludes: intra-operative fluorescence vascular angiography (88.59)
	88.58	Negative-contrast cardiac roentgenography  Cardiac roentgenography with injection of carbon dioxide
	88.59	Intra-operative coronary fluorescence vascular angiography ® Intraoperative laser arteriogram (SPY) SPY arteriogram SPY arteriography
88.6	Phleb	oography
	Include	es: angiography of veins radiography of veins (by fluoroscopy) retrograde phlebography venipuncture for injection of contrast material venography using contrast material
	Note:	The fourth-digit subclassification (88.60-88.67) identifies the site to be viewed, not the site of injection.

Excludes: angiography using:

radioisotopes or radionuclides (92.01-92.19)

ultrasound (88.71-88.79)

fluorescein angiography of eye (95.12)

- 88.60 Phlebography using contrast material, unspecified site
- 88.61 Phlebography of veins of head and neck using contrast material
- 88.62 Phlebography of pulmonary veins using contrast material
- 88.63 Phlebography of other intrathoracic veins using contrast material
- 88.64 Phlebography of the portal venous system using contrast material Splenoportogram (by splenic arteriography)
- 88.65 Phlebography of other intra-abdominal veins using contrast material
- 88.66 Phlebography of femoral and other lower extremity veins using contrast material
- 88.67 Phlebography of other specified sites using contrast material
- 88.68 Impedance phlebography

# 88.7 Diagnostic ultrasound

Includes: Echography

Non-invasive ultrasound Ultrasonic angiography Ultrasonography

Excludes: intravascular imaging (adjunctive) (IVUS) (00.21-00.29)

therapeutic ultrasound (00.01 -00.09) that for intraoperative monitoring (00.94)

#### 88.71 Diagnostic ultrasound of head and neck

Determination of midline shift of brain

Echoencephalography **Excludes:** eye (95.13)

#### 88.72 Diagnostic ultrasound of heart

Echocardiography

Transesophageal echocardiography

Excludes: echocardiography of heart chambers (37.28) intracardiac echocardiography (ICE) (37.28) intravascular (IVUS) imaging of coronary vessels (00.24)

# 88.73 Diagnostic ultrasound of other sites of thorax

Aortic arch ultrasonography Breast ultrasonography Lung ultrasonography

- 88.74 Diagnostic ultrasound of digestive system
- 88.75 Diagnostic ultrasound of urinary system
- 88.76 Diagnostic ultrasound of abdomen and retroperitoneum

#### 88.77 Diagnostic ultrasound of peripheral vascular system Deep vein thrombosis ultrasonic scanning

Excludes: adjunct vascular system procedures (00.40-00.43)





# 88.78 Diagnostic ultrasound of gravid uterus Intrauterine cephalometry: echo ultrasonic Placental localization by ultrasound 88.79 Other diagnostic ultrasound Ultrasonography of: multiple sites nongravid uterus total body 88.8 Thermography 88.81 Cerebral thermography 88.82 Ocular thermography 88.83 Bone thermography Osteoarticular thermography 88.84 Muscle thermography 88.85 Breast thermography 88.86 Blood vessel thermography Deep vein thermography 88.89 Thermography of other sites Lymph gland thermography Thermography NOS 88.9 Other diagnostic imaging 88.90 Diagnostic imaging, not elsewhere classified 88.91 Magnetic resonance imaging of brain and brain stem Excludes: intraoperative magnetic resonance imaging (88.96) real-time magnetic resonance imaging (88.96) laser interstitial thermal therapy [LITT] of lesion or tissue of brain under quidance (17.61) 88.92 Magnetic resonance imaging of chest and myocardium For evaluation of hilar and mediastinal lymphadenopathy Excludes: laser interstitial thermal therapy [LITT] of lesion or tissue of breast under quidance (17.69) laser interstitial thermal therapy [LITT] of lesion or tissue of lung under quidance (17.69) 88.93 Magnetic resonance imaging of spinal canal Spinal cord levels: cervical thoracic lumbar (lumbosacral) Spinal cord Spine 88.94 Magnetic resonance imaging of musculoskeletal Bone marrow blood supply Extremities (upper) (lower)

Non OR procedure but affects ThaiDRG

OR procedure

# 88.95 Magnetic resonance imaging of pelvis, prostate, and bladder

Excludes: laser interstitial thermal therapy [LITT] of lesion or tissue of prostate under quidance (17.69)

# 88.96 Other intraoperative magnetic resonance imaging

**iMRI** 

Real-time magnetic resonance imaging

# 88.97 Magnetic resonance imaging of other and unspecified sites

Abdomen Eve orbit Face

Neck

Excludes: laser interstitial thermal therapy [LITT] of lesion or tissue of other and unspecified site under guidance (17.69)

### 88.98 Bone mineral density studies

Dual photon absorptiometry Quantitative computed tomography (CT) studies Radiographic densitometry Single photon absorptiometry

# 89 Interview, evaluation, consultation, and examination

# 89.0 Diagnostic interview, consultation, and evaluation

Excludes: psychiatric diagnostic interview (94.11-94.19)

# 89.01 Interview and evaluation, described as brief

Abbreviated history and evaluation

89.02 Interview and evaluation, described as limited Interval history and evaluation

## 89.03 Interview and evaluation, described as comprehensive History and evaluation of new problem

89.04 Other interview and evaluation

89.05 Diagnostic interview and evaluation, not otherwise specified

### 89.06 Consultation, described as limited Consultation on a single organ system

89.07 Consultation, described as comprehensive

89.08 Other consultation

89.09 Consultation, not otherwise specified

# 89.1 Anatomic and physiologic measurements and manual examinations -- nervous system and sense organs

Excludes: ear examination (95.41-95.49) eye examination (95.01-95.26)

> the listed procedures when done as part of a general physical examination (89.7)

#### 89.10 Intracarotid amobarbital test

Wada test

### 89.11 Tonometry

# 89.12 Nasal function study Rhinomanometry 89.13 Neurologic examination 89.14 Electroencephalogram Excludes: that with polysomnogram (89.17) 89.15 Other nonoperative neurologic function tests 89.16 Transillumination of newborn skull 89.17 Polysomnogram Sleep recording 89.18 Other sleep disorder function tests Multiple sleep latency test [MSLT] 89.19 Video and radio-telemetered electroencephalographic monitoring Radiographic EEG monitoring Video EEG monitorina Excludes: intraoperative monitoring (00.94) 89.2 Anatomic and physiologic measurements and manual examinations -- genitourinary system Excludes: the listed procedures when done as part of a general physical examination (89.7) 89.21 Urinary manometry Manometry through: indwelling ureteral catheter nephrostomy pyelostomy ureterostomy 89.22 Cystometrogram 89.23 Urethral sphincter electromyogram 89.24 Uroflowmetry [UFR] 89.25 Urethral pressure profile [UPP] 89.26 Gynecological examination Pelvic examination 89.29 Other nonoperative genitourinary system measurements Bioassay of urine Renal clearance Urine chemistry 89.3 Other anatomic and physiologic measurements and manual examinations Excludes: the listed procedures when done as part of a general physical examination (89.7) 89.31 Dental examination Oral mucosal survey Periodontal survey 89.32 Esophageal manometry

89.33 Digital examination of enterostomy stoma
Digital examination of colostomy stoma

- 89.34 Digital examination of rectum
- 89.35 Transillumination of nasal sinuses
- 89.36 Manual examination of breast
- 89.37 Vital capacity determination

Excludes: endoscopic pulmonary airway flow measurement (33.72)

89.38 Other nonoperative respiratory measurements

Plethysmography for measurement of respiratory function Thoracic impedance plethysmography

Excludes: endoscopic pulmonary airway flow measurement (33.72)

89.39 Other nonoperative measurements and examinations

14 C-Urea breath test Basal metabolic rate [BMR] Gastric: analysis function NEC

Excludes: body measurement (93.07) cardiac tests (89.41-89.69) fundus photography (95.11) limb length measurement (93.06)

- 89.4 Cardiac stress tests, pacemaker and defibrillator checks
  - 89.41 Cardiovascular stress test using treadmill
  - 89.42 Masters' two-step stress test
  - 89.43 Cardiovascular stress test using bicycle ergometer
  - 89.44 Other cardiovascular stress test

Thallium stress test with or without transesophageal pacing

89.45 Artificial pacemaker rate check

Artificial pacemaker function check NOS Bedside device check of pacemaker or cardiac resynchronization pacemaker [CRT-P]

Interrogation only without arrhythmia induction

Excludes: catheter based invasive electrophysiologic testing (37.26) non-invasive programmed electrical stimulation [NIPS] (arrhythmia induction) (37.20)

- 89.46 Artificial pacemaker artifact wave form check
- 89.47 Artificial pacemaker electrode impedance check
- 89.48 Artificial pacemaker voltage or amperage threshold check
- 89.49 Automatic implantable cardioverter/defibrillator (AICD) check Bedside check of an AICD or cardiac resynchronization defibrillator [CRT-D]

Checking pacing thresholds of device Interrogation only without arrhythmia induction

Excludes: catheter based invasive electrophysiologic testing (37.26) non-invasive programmed electrical stimulation [NIPS] (arrhythmia induction) (37.20)

# 89.5 Other nonoperative cardiac and vascular diagnostic procedures

Excludes: fetal EKG (75.32)

89.50 Ambulatory cardiac monitoring

Analog devices [Holter-type]

89.51 Rhythm electrocardiogram

Rhythm EKG (with one to three leads)

89.52 Electrocardiogram

**ECG NOS** 

EKG (with 12 or more leads)

- 89.53 Vectorcardiogram (with ECG)
- 89.54 Electrographic monitoring

Telemetry

Excludes: ambulatory cardiac monitoring (89.50)

electrographic monitoring during surgery --omit code

- 89.55 Phonocardiogram with ECG lead
- 89.56 Carotid pulse tracing with ECG lead

Excludes: oculoplethysmography (89.58)

- 89.57 Apexcardiogram (with ECG lead)
- 89.58 Plethysmogram

Penile plethysmography with nerve stimulation

Excludes: plethysmography (for):

measurement of respiratory function (89.38)

thoracic impedance (89.38)

89.59 Other nonoperative cardiac and vascular measurements

#### 89.6 Circulatory monitoring

Excludes: electrocardiographic monitoring during surgery --omit code implantation or replacement of subcutaneous device for intracardiac hemodynamic monitoring (00.57)

insertion or replacement of implantable pressure sensor (lead) for intracardiac hemodynamic monitoring (00.56)

89.60 Continuous intra-arterial blood gas monitoring

Insertion of blood gas monitoring system and continuous monitoring of blood gases through an intra-arterial sensor

89.61 Systemic arterial pressure monitoring

Excludes: intra-aneurysm sac pressure monitoring (intraoperative)

intravascular pressure measurement of intrathoracic arteries (00.67)

intravascular pressure measurement of peripheral arteries (00.68)

89.62 Central venous pressure monitoring

Excludes: intravascular pressure measurement, other specified and unspecified vessels (00.69)

#### 89.63 Pulmonary artery pressure monitoring

Excludes: pulmonary artery wedge monitoring (89.64)

#### 89.64 Pulmonary artery wedge monitoring

Pulmonary capillary wedge [PCW] monitoring Swan-Ganz catheterization

# 89.65 Measurement of systemic arterial blood gases

Excludes: continuous intra-arterial blood gas monitoring (89.60)

- 89.66 Measurement of mixed venous blood gases
- 89.67 Monitoring of cardiac output by oxygen consumption technique Fick method

### 89.68 Monitoring of cardiac output by other technique

Cardiac output monitor by thermodilution indicator

#### 89.69 Monitoring of coronary blood flow

Coronary blood flow monitoring by coincidence counting technique Excludes: intravascular pressure measurement of coronary arteries

### 89.7 General physical examination

#### 89.8 Autopsy

# 90 Microscopic examination-I

The following fourth-digit subclassification is for use with categories in section 90 to identify type of examination:

- bacterial smear
- culture
- 3 culture and sensitivity
- 4 parasitology
- 5 toxicology
- cell block and Papanicolaou smear
- other microscopic examination
- 90.0 Microscopic examination of specimen from nervous system and of spinal fluid 4
- 90.1 Microscopic examination of specimen from endocrine gland, not elsewhere classified 4
- 90.2 Microscopic examination of specimen from eye 4
- 90.3 Microscopic examination of specimen from ear, nose, throat, and larynx 4
- 90.4 Microscopic examination of specimen from trachea, bronchus, pleura, lung, and other thoracic specimen, and of sputum
- 90.5 Microscopic examination of blood 4
- 90.6 Microscopic examination of specimen from spleen and of bone marrow 4

- 90.7 Microscopic examination of specimen from lymph node and of lymph (
- 90.8 Microscopic examination of specimen from upper gastrointestinal tract and of vomitus 4
- 90.9 Microscopic examination of specimen from lower gastrointestinal tract and of stool 4
- 91 Microscopic examination-II

The following fourth-digit subclassification is for use with categories in section 91 to identify type of examination

- 1 bacterial smear
- 2 culture
- culture and sensitivity
- parasitology
- 5 toxicology
- 6 cell block and Papanicolaou smear
- other microscopic examination
- 91.0 Microscopic examination of specimen from liver, biliary tract, and pancreas 🐠
- 91.1 Microscopic examination of peritoneal and retroperitoneal specimen 🐠
- 91.2 Microscopic examination of specimen from kidney, ureter, perirenal and periureteral tissue 🐠
- 91.3 Microscopic examination of specimen from bladder, urethra. prostate, seminal vesicle, perivesical tissue, and of urine and semen 🧯
- 91.4 Microscopic examination of specimen from female genital tract 🤮 Amnionic sac Fetus
- 91.5 Microscopic examination of specimen from musculoskeletal system and of joint fluid 4

Microscopic examination of:

hone

bursa

cartilage

fascia

ligament

muscle

synovial membrane

tendon

## 91.6 Microscopic examination of specimen from skin and other integument 4

Microscopic examination of:

hair nails skin

Excludes: mucous membrane -- code to organ site that of operative wound (91.71-91.79)

- 91.7 Microscopic examination of specimen from operative wound 4
- 91.8 Microscopic examination of specimen from other site 4
- 91.9 Microscopic examination of specimen from unspecified site 6

#### 92 Nuclear medicine

## 92.0 Radioisotope scan and function study

92.01 Thyroid scan and radioisotope function studies

Iodine-131 uptake Protein-bound iodine Radio-iodine uptake

- 92.02 Liver scan and radioisotope function study
- 92.03 Renal scan and radioisotope function study Renal clearance study
- 92.04 Gastrointestinal scan and radioisotope function study Radio-cobalt B12 Schilling test Radio-iodinated triolein study
- 92.05 Cardiovascular and hematopoietic scan and radioisotope function studv

Bone marrow scan or function study Cardiac output scan or function study Circulation time scan or function study Radionuclide cardiac ventriculogram scan or function study Spleen scan or function study

92.09 Other radioisotope function studies

### 92.1 Other radioisotope scan

92.11 Cerebral scan

Pituitary

92.12 Scan of other sites of head

**Excludes:** eve (95.16)

- 92.13 Parathyroid scan
- 92.14 Bone scan
- 92.15 Pulmonary scan
- 92.16 Scan of lymphatic system
- 92.17 Placental scan
- 92.18 Total body scan
- 92.19 Scan of other sites





# ICD-9-CM TABULAR LIST OF PROCEDURES (FY 15) 92.2 Therapeutic radiology and nuclear medicine Excludes: that for: ablation of pituitary gland (07.64-07.69) destruction of chorioretinal lesion (14.26-14.27) 92.20 Infusion of liquid brachytherapy radioisotope I-125 radioisotope Intracavitary brachytherapy Includes: removal of radioisotope 92.21 Superficial radiation Contact radiation [up to 150 KVP] 92.22 Orthovoltage radiation Deep radiation [200-300 KVP] 92.23 Radioisotopic teleradiotherapy Teleradiotherapy using: cobalt-60 iodine-125 radioactive cesium 92.24 Teleradiotherapy using photons Megavoltage NOS Supervoltage NOS Use of: Retatron linear accelerator 92.25 Teleradiotherapy using electrons Beta particles Excludes: intra-operative electron radiation therapy (92.41) 92.26 Teleradiotherapy of other particulate radiation **Neutrons** Protons NOS 92.27 Implantation or insertion of radioactive elements Intravascular brachytherapy Code also incision of site Excludes: infusion of liquid brachytherapy radioisotope (92.20) 92.28 Injection or instillation of radioisotopes Injection or infusion of radioimmunoconjugate Intracavitary injection or instillation Intravenous injection or instillation Iodine-131 [I-131] tositumomab Radioimmunotherapy Ytrium-90 [Y-90] ibritumomab tiuxetan Excludes: infusion of liquid brachytherapy radioisotope (92.20) 92.29 Other radiotherapeutic procedure 92.3 Stereotactic radiosurgery Code also stereotactic head frame application (93.59)

254 OR procedure Non OR procedure but affects ThaiDRG

92.30 Stereotactic radiosurgery, not otherwise specified

Excludes: stereotactic biopsy

# 92.31 Single source photon radiosurgery

High energy x-rays Linear accelerator (LINAC)

## 92.32 Multi-source photon radiosurgery

Cobalt 60 radiation Gamma irradiation

### 92.33 Particulate radiosurgery

Particle beam radiation (cyclotron) Proton accerlerator

92.39 Stereotactic radiosurgery, not elsewhere classified

## 92.4 Intra-operative radiation procedures

#### 92.41 Intra-operative electron radiation therapy

**IOFRT** 

That using a mobile linear accelerator

# 93 Physical therapy, respiratory therapy, rehabilitation, and related procedures

## 93.0 Diagnostic physical therapy

- 93.01 Functional evaluation
- 93.02 Orthotic evaluation
- 93.03 Prosthetic evaluation
- 93.04 Manual testing of muscle function
- 93.05 Range of motion testing
- 93.06 Measurement of limb length

#### 93.07 Body measurement

Girth measurement

Measurement of skull circumference

#### 93.08 Electromyography

Excludes: eye EMG (95.25)

that with polysomnogram (89.17)

that for intraoperative monitoring (00.94)

urethral sphincter EMG (89.23)

#### 93.09 Other diagnostic physical therapy procedure

#### 93.1 Physical therapy exercises

#### 93.11 Assisting exercise

Excludes: assisted exercise in pool (93.31)

- 93.12 Other active musculoskeletal exercise
- 93.13 Resistive exercise
- 93.14 Training in joint movements
- 93.15 Mobilization of spine
- 93.16 Mobilization of other joints

Excludes: manipulation o temporomandibular joint (76.95)



93.17 Other passive musculoskeletal exercise

93.2 Other physical therapy musculoskeletal manipulation

Excludes: skeletal traction (93.43-93.44)

93.19 Exercise, not elsewhere classified

93.21 Manual and mechanical traction

93.18 Breathing exercise

		skin traction ( <u>93.45-93.46)</u> spinal traction ( <u>93.41-93.42)</u>
	93.22	Ambulation and gait training
		Fitting of orthotic device
		Training in use of prosthetic or orthotic device Training in crutch walking
	93.25	Forced extension of limb
	93.26	Manual rupture of joint adhesions
	93.27	Stretching of muscle or tendon
	93.28	Stretching of fascia
	93.29	Other forcible correction of deformity
93.3	Othe	r physical therapy therapeutic procedures
	93.31	Assisted exercise in pool
	93.32	Whirlpool treatment
	93.33	Other hydrotherapy
	93.34	Diathermy
	93.35	Other heat therapy Acupuncture with smouldering moxa Hot packs Hyperthermia NEC Infrared irradiation Moxibustion Paraffin bath
		Excludes: hyperthermia for treatment of cancer (99.85)
	93.36	Cardiac retraining
	93.37	Prenatal training Training for natural childbirth
	93.38	$\label{lem:combined_physical} \textbf{Combined physical therapy without mention of the components}$
	93.39	Other physical therapy
93.4	Skele	tal traction and other traction
	93.41	Spinal traction using skull device Traction using: caliper tongs Crutchfield tongs halo device Vinke tongs
		Excludes: insertion of tongs or halo traction device (02.94)
256	1	OR procedure Non OR procedure but affects ThaiDRG

### 93.42 Other spinal traction

Cotrel's traction

Excludes: cervical collar (93.52)

## 93.43 Intermittent skeletal traction

## 93.44 Other skeletal traction

Bryant's traction **Dunlop's traction** Lyman Smith traction Russell's traction

#### 93.45 Thomas' splint traction

#### 93.46 Other skin traction of limbs

Adhesive tape traction Boot traction **Buck's traction** Gallows traction

## 93.5 Other immobilization, pressure, and attention to wound

Excludes: external fixator device (84.71-84.73) wound cleansing (96.58-96.59)

## 93.51 Application of plaster jacket

Excludes: Minerva jacket (93.52)

## 93.52 Application of neck support

Application of: cervical collar Minerva iacket molded neck support

#### 93.53 Application of other cast

#### 93.54 Application of splint

Plaster splint Tray splint

Excludes: periodontal splint (24.7)

#### 93.55 Dental wiring

Excludes: that for orthodontia (24.7)

## 93.56 Application of pressure dressing

Application of: Gibney bandage Robert Jones' bandage Shanz dressing

#### 93.57 Application of other wound dressing

Porcine wound dressing

### 93.58 Application of pressure trousers

Application of: anti-shock trousers MAST trousers vasopneumatic device

# ICD-9-CM TABULAR LIST OF PROCEDURES (FY 15) 93.59 Other immobilization, pressure, and attention to wound Elastic stockings Electronic gaiter Intermittent pressure device Oxygenation of wound (hyperbaric) Stereotactic head frame application Velpeau dressing 93.6 Osteopathic manipulative treatment 93.61 Osteopathic manipulative treatment for general mobilization General articulatory treatment 93.62 Osteopathic manipulative treatment using high-velocity, low-amplitude forces Thrusting forces 93.63 Osteopathic manipulative treatment using low-velocity, high-amplitude forces Springing forces 93.64 Osteopathic manipulative treatment using isotonic, isometric forces 93.65 Osteopathic manipulative treatment using indirect forces 93.66 Osteopathic manipulative treatment to move tissue fluids Lymphatic pump 93.67 Other specified osteopathic manipulative treatment 93.7 Speech and reading rehabilitation and rehabilitation of the blind 93.71 Dyslexia training 93.72 Dysphasia training 93.73 Esophageal speech training 93.74 Speech defect training 93.75 Other speech training and therapy 93.76 Training in use of lead dog for the blind 93.77 Training in braille or Moon 93.78 Other rehabilitation for the blind 93.8 Other rehabilitation therapy 93.81 Recreation therapy Diversional therapy Play therapy Excludes: play psychotherapy (94.36)

93.82 Educational therapy

Education of bed-bound children Special schooling for the handicapped

93.83 Occupational therapy

Daily living activities therapy

93.8	Excludes: training  Music therapy	in activities of daily living for the blind (93.78)
258	OR procedure	Non OR procedure but affects ThaiDRG

#### 93.85 Vocational rehabilitation

Sheltered employment

Vocational:

assessment

retraining

training

#### 93.89 Rehabilitation, not elsewhere classified

## 93.9 Respiratory therapy

Excludes: insertion of airway (96.01-96.05)

other continuous invasive (through endotracheal tube or tracheostomy) mechanical ventilation (96.70-96.72)

## 93.90 Non-invasive mechanical ventilation

Bi-level airway pressure

BiPAP without (delivery through) endotracheal tube or tracheostomy CPAP without (delivery through) endotracheal tube or tracheostomy

Mechanical ventilation NOS

Non-invasive PPV

Non-invasive positive pressure (NIPPV)

That delivered by non-invasive interface:

face mask

nasal mask

nasal pillow

oral mouthpiece

oronasal mask

Excludes: invasive (through endotracheal tube or tracheostomy) continuous mechanical ventilation (96,70-96,72)

Patients admitted on non-invasive mechanical ventilation that Note:

subsequently require invasive mechanical ventilation; code both

types of mechanical ventilation.

## 93.91 Intermittent positive pressure breathing [IPPB]

## 93.93 Nonmechanical methods of resuscitation

Artificial respiration

Manual resuscitation

Mouth-to-mouth resuscitation

#### 93.94 Respiratory medication administered by nebulizer

Mist therapy

### 93.95 Hyperbaric oxygenation

Excludes: oxygenation of wound (93.59)

#### 93.96 Other oxygen enrichment

Catalytic oxygen therapy

Cytoreductive effect

Oxygenators

Oxygen therapy

Excludes: oxygenation of wound (93.59)

SuperSaturated oxygen therapy (00.49)

## 93.97 Decompression chamber



# 93.98 Other control of atmospheric pressure and composition

Antigen-free air conditioning Helium therapy

Hellulli therapy

Excludes: inhaled nitric oxide therapy (INO) (00.12)

# 93.99 Other respiratory procedures

Continuous negative pressure ventilation [CNP] Postural drainage

## 94 Procedures related to the psyche

## 94.0 Psychologic evaluation and testing

### 94.01 Administration of intelligence test

Administration of:

Stanford-Binet

Wechsler Adult Intelligence Scale

Wechsler Intelligence Scale for Children

## 94.02 Administration of psychologic test

Administration of:

Bender Visual-Motor Gestalt Test

Benton Visual Retention Test

Minnesota Multiphasic Personality Inventory

Wechsler Memory Scale

- 94.03 Character analysis
- 94.08 Other psychologic evaluation and testing
- 94.09 Psychologic mental status determination, not otherwise specified

## 94.1 Psychiatric interviews, consultations, and evaluations

## 94.11 Psychiatric mental status determination

Clinical psychiatric mental status determination Evaluation for criminal responsibility Evaluation for testimentary capacity Medicolegal mental status determination

Mental status determination NOS

#### 94.12 Routine psychiatric visit, not otherwise specified

### 94.13 Psychiatric commitment evaluation

Pre-commitment interview

#### 94.19 Other psychiatric interview and evaluation

Follow-up psychiatric interview NOS

#### 94.2 Psychiatric somatotherapy

94.21 Narcoanalysis

Narcosynthesis

- 94.22 Lithium therapy
- 94.23 Neuroleptic therapy
- 94.24 Chemical shock therapy
- 94.25 Other psychiatric drug therapy
- 94.26 Subconvulsive electroshock therapy

260	1 .1	OR procedure	Non	OR	procedure	but	affects	ThaiDRG

# 94.27 Other electroshock therapy Electroconvulsive therapy (ECT) 94.29 Other psychiatric somatotherapy 94.3 Individual psychotherapy 94.31 Psychoanalysis 94.32 Hypnotherapy Hypnodrome Hypnosis 94.33 Behavior therapy Aversion therapy Behavior modification Desensitization therapy Extinction therapy Relaxation training Token economy 94.34 Individual therapy for psychosexual dysfunction Excludes: that performed in aroup setting (94.41) 94.35 Crisis intervention 94.36 Play psychotherapy 94.37 Exploratory verbal psychotherapy 94.38 Supportive verbal psychotherapy 94.39 Other individual psychotherapy Biofeedback 94.4 Other psychotherapy and counselling 94.41 Group therapy for psychosexual dysfunction 94.42 Family therapy 94.43 Psychodrama 94.44 Other group therapy 94.45 Drug addiction counselling 94.46 Alcoholism counselling 94.49 Other counselling 94.5 Referral for psychologic rehabilitation 94.51 Referral for psychotherapy 94.52 Referral for psychiatric aftercare: That in: halfway house outpatient (clinic) facility 94.53 Referral for alcoholism rehabilitation 94.54 Referral for drug addiction rehabilitation

94.59 Referral for other psychologic rehabilitation

94.55 Referral for vocational rehabilitation

94.6	Alcol	nol and drug rehabilitation and detoxification
	94.61	Alcohol rehabilitation
	94.62	Alcohol detoxification
	94.63	Alcohol rehabilitation and detoxification
	94.64	Drug rehabilitation
	94.65	Drug detoxification
	94.66	Drug rehabilitation and detoxification
	94.67	Combined alcohol and drug rehabilitation
	94.68	Combined alcohol and drug detoxification
	94.69	Combined alcohol and drug rehabilitation and detoxification
95	Opht	halmologic and otologic diagnosis and treatment
95.0	Gene	ral and subjective eye examination
	95.01	Limited eye examination  Eye examination with prescription of spectacles
	95.02	Comprehensive eye examination  Eye examination covering all aspects of the visual system
	95.03	Extended ophthalmologic work-up Examination (for): glaucoma neuro-ophthalmology retinal disease
	95.04	Eye examination under anesthesia Code also type of examination
	95.05	Visual field study
	95.06	Color vision study
	95.07	Dark adaptation study
	95.09	Eye examination, not otherwise specified Vision check NOS
95.1	Exam	ninations of form and structure of eye
	95.11	Fundus photography
	95.12	Fluorescein angiography or angioscopy of eye
	95.13	Ultrasound study of eye
	95.14	X-ray study of eye
	95.15	Ocular motility study
	95.16	P <sup>32</sup> and other tracer studies of eye
95.2	Obje	ctive functional tests of eye
	Exclud	es: that with polysomnogram <u>(89.17)</u>
	95.21	Electroretinogram [ERG]
	95.22	Electro-oculogram [EOG]
	95.23	Visual evoked potential [VEP]

## 95.24 Electronystagmogram [ENG]

- 95.25 Electromyogram of eye [EMG]
- 95.26 Tonography, provocative tests, and other glaucoma testing

### 95.3 Special vision services

- 95.31 Fitting and dispensing of spectacles
- 95.32 Prescription, fitting, and dispensing of contact lens
- 95.33 Dispensing of other low vision aids
- 95.34 Ocular prosthetics
- 95.35 Orthoptic training
- 95.36 Ophthalmologic counselling and instruction

Counselling in:

adaptation to visual loss use of low vision aids

## 95.4 Nonoperative procedures related to hearing

#### 95.41 Audiometry

Békésy 5-tone audiometry Impedance audiometry Stapedial reflex response Subjective audiometry Tympanogram

## 95.42 Clinical test of hearing

Tuning fork test Whispered speech test

#### 95.43 Audiological evaluation

Audiological evaluation by: Bárány noise machine blindfold test delayed feedback masking Weber lateralization

#### 95.44 Clinical vestibular function tests

Thermal test of vestibular function

# 95.45 Rotation tests

Bárány chair

- 95.46 Other auditory and vestibular function tests
- 95.47 Hearing examination, not otherwise specified
- 95.48 Fitting of hearing aid

Excludes: implantation of electromagnetic hearing device (20.95)

#### 95.49 Other nonoperative procedures related to hearing

Adjustment (external components) of cochlear prosthetic device

# 96 Nonoperative intubation and irrigation

96.0	Nonoperative intubation of	gastrointestinal	and respiratory
	tracts		

- 96.01 Insertion of nasopharyngeal airway
- 96.02 Insertion of oropharyngeal airway
- 96.03 Insertion of esophageal obturator airway
- 96.04 Insertion of endotracheal tube
- 96.05 Other intubation of respiratory tract

Excludes: endoscopic insertion or replacement of bronchial device or substance (33.71, 33.79)

# 96.06 Insertion of Sengstaken tube

Esophageal tamponade

# 96.07 Insertion of other (naso-)gastric tube

Intubation for decompression

Excludes: that for enteral infusion of nutritional substance (96.6)

## 96.08 Insertion of (naso-)intestinal tube

Miller-Abbott tube (for decompression)

#### 96.09 Insertion of rectal tube

Replacement of rectal tube

### 96.1 Other nonoperative insertion

Excludes: nasolacrimal intubation (09.44)

- 96.11 Packing of external auditory canal
- 96.14 Vaginal packing
- 96.15 Insertion of vaginal mold
- 96.16 Other vaginal dilation
- 96.17 Insertion of vaginal diaphragm
- 96.18 Insertion of other vaginal pessary
- 96.19 Rectal packing

## 96.2 Nonoperative dilation and manipulation

- 96.21 Dilation of frontonasal duct
- 96.22 Dilation of rectum
- 96.23 Dilation of anal sphincter
- 96.24 Dilation and manipulation of enterostomy stoma
- 96.25 Therapeutic distention of bladder Intermittent distention of bladder
- 96.26 Manual reduction of rectal prolapse
- 96.27 Manual reduction of hernia
- 96.28 Manual reduction of enterostomy prolapse

## 96.29 Reduction of intussusception of alimentary tract

With:

fluoroscopy ionizing radiation enema ultrasonography guidance Hydrostatic reduction Pneumatic reduction

Excludes: intra-abdominal manipulation of intestine, not otherwise specified (46.80)

## 96.3 Nonoperative alimentary tract irrigation, cleaning, and local instillation

96.31 Gastric cooling

Gastric hypothermia

- 96.32 Gastric freezing
- 96.33 Gastric lavage
- 96.34 Other irrigation of (naso-)gastric tube
- 96.35 Gastric gavage
- 96.36 Irrigation of gastrostomy or enterostomy
- 96.37 Proctoclysis
- 96.38 Removal of impacted feces

Removal of impaction: by flushing manually

96.39 Other transanal enema

Rectal irrigation

Excludes: reduction of intussusception of alimentary tract by ionizing radiation enema (96.29)

# 96.4 Nonoperative irrigation, cleaning, and local instillation of other digestive and genitourinary organs

- 96.41 Irrigation of cholecystostomy and other biliary tube
- 96.42 Irrigation of pancreatic tube
- 96.43 Digestive tract instillation, except gastric gavage
- 96.44 Vaginal douche
- 96.45 Irrigation of nephrostomy and pyelostomy
- 96.46 Irrigation of ureterostomy and ureteral catheter
- 96.47 Irrigation of cystostomy
- 96.48 Irrigation of other indwelling urinary catheter
- 96.49 Other genitourinary instillation Insertion of prostaglandin suppository

## 96.5 Other nonoperative irrigation and cleaning

96.51 Irrigation of eye

Irrigation of cornea

Excludes: irrigation with removal of foreign body (98.21)

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96.52 Irrigation of ear
             Irrigation with removal of cerumen
     96.53 Irrigation of nasal passages
     96.54 Dental scaling, polishing, and debridement
              Dental prophylaxis
              Plaque removal
     96.55 Tracheostomy toilette
     96.56 Other lavage of bronchus and trachea
            Excludes: diagnostic bronchoalveolar lavage (BAL) (33.24)
                      whole lung lavage (33.99)
     96.57 Irrigation of vascular catheter
     96.58 Irrigation of wound catheter
     96.59 Other irrigation of wound
             Wound cleaning NOS
            Excludes: debridement (86.22, 86.27-86.28)
96.6 Enteral infusion of concentrated nutritional substances
96.7 Other continuous invasive mechanical ventilation
     Includes: Endotracheal respiratory assistance
               BiPAP delivered through endotracheal tube or tracheostomy
                 (invasive interface)
               CPAP delivered through endotracheal tube or tracheostomy
                 (invasive interface)
               Invasive positive pressure ventilation [IPPV]
               Mechanical ventilation through invasive interfaceThat by
                 tracheostomy
               Weaning of an intubated (endotracheal tube) patient
     Excludes: non-invasive bi-level positive airway pressure [BiPAP] (93.90)
               continuous negative pressure ventilation [CNP] (iron luna) (cuirass)
                     (93.99)
               non-invasive continuous positive airway pressure [CPAP] (93.90)
               intermittent positive pressure breathing [IPPB] (93.91)
               non-invasive positive pressure (NIPPV) (93.90)
               that by face mask (93.90-93.99)
               that by nasal cannula(93.90-93.99)
               that by nasal catheter (93.90-93.99))
     Code also any associated:
           endotracheal tube insertion (96.04)
          tracheostomy (31.1-31.29)
     Note: Endotracheal Intubation
```

To calculate the number of hours (duration) of continuous mechanical ventilation during a hospitalization, begin the count from the start of the (endotracheal) intubation. The duration ends with (endotracheal) extubation.

If a patient is intubated prior to admission, begin counting the duration from the time of the admission. If a patient is transferred (discharged) while intubated, the duration would end at the time of transfer (discharge).

For patients who begin on (endotracheal) intubation and subsequently have a tracheostomy performed for mechanical ventilation, the duration begins with the (endotracheal) intubation and ends when the mechanical ventilation is turned off (after the weaning period).

#### Tracheostomy

To calculate the number of hours of continuous mechanical ventilation. during a hospitalization, begin counting the duration when mechanical ventilation is started. The duration ends when the mechanical ventilator is turned off (after the weaning period).

If a patient has received a tracheostomy prior to admission and is on mechanical ventilation at the time of admission, begin counting the duration from the time of admission. If a patient is transferred (discharged) while still on mechanical ventilation via tracheostomy, the duration would end at the time of the transfer (discharge).

- 96.70 Continuous invasive mechanical ventilation of unspecified duration Invasive mechanical ventilation NOS
- 96.71 Continuous invasive mechanical ventilation for less than 96 consecutive hours
- 96.72 Continuous invasive mechanical ventilation for 96 consecutive hours or more

# 97 Replacement and removal of therapeutic appliances

- 97.0 Nonoperative replacement of gastrointestinal appliance
  - 97.01 Replacement of (naso-)gastric or esophagostomy tube
  - 97.02 Replacement of gastrostomy tube
  - 97.03 Replacement of tube or enterostomy device of small intestine
  - 97.04 Replacement of tube or enterostomy device of large intestine
  - 97.05 Replacement of stent (tube) in biliary or pancreatic duct
- 97.1 Nonoperative replacement of musculoskeletal and integumentary system appliance
  - 97.11 Replacement of cast on upper limb
  - 97.12 Replacement of cast on lower limb
  - 97.13 Replacement of other cast
  - 97.14 Replacement of other device for musculoskeletal immobilization Splinting Strapping
  - 97.15 Replacement of wound catheter
  - 97.16 Replacement of wound packing or drain

Excludes: repacking of:

dental wound (97.22) vulvar wound (97.26)

97.2 Othe	r nonoperative replacement
97.21	Replacement of nasal packing
97.22	Replacement of dental packing
97.23	Replacement of tracheostomy tube
97.24	Replacement and refitting of vaginal diaphragm
97.25	Replacement of other vaginal pessary
97.26	Replacement of vaginal or vulvar packing or drain
97.29	Other nonoperative replacements
97.3 Nonc	perative removal of therapeutic device from head and necl
97.31	Removal of eye prosthesis
	Excludes: removal of ocular implant (16.71) removal of orbital implant (16.72)
97.32	Removal of nasal packing
97.33	Removal of dental wiring
97.34	Removal of dental packing
97.35	Removal of dental prosthesis
97.36	Removal of other external mandibular fixation device
97.37	Removal of tracheostomy tube
97.38	Removal of sutures from head and neck
97.39	Removal of other therapeutic device from head and neck
	Excludes: removal of skull tongs (02.94)
97.4 Nonc	perative removal of therapeutic device from thorax
97.41	Removal of thoracotomy tube or pleural cavity drain
97.42	Removal of mediastinal drain
97.43	Removal of sutures from thorax
97.44	Nonoperative removal of heart assist system Explantation [removal] of circulatory assist device Explantation [removal] of percutaneous external heart assist device Intra-aortic balloon pump [IABP] Removal of extrinsic heart assist device Removal of pVAD Removal of percutaneous heart assist device
97.49	Removal of other device from thorax
	Excludes: Endoscopic removal of bronchial device(s) or substances (33.78)
	perative removal of therapeutic device from digestive ystem
97.51	Removal of gastrostomy tube
97.52	Removal of tube from small intestine
97.53	Removal of tube from large intestine or appendix
97.54	Removal of cholecystostomy tube

		· · · ·
	97.55	Removal of T-tube, other bile duct tube, or liver tube Removal of bile duct stent
	97.56	Removal of pancreatic tube or drain
	97.59	Removal of other device from digestive system Removal of rectal packing
97.6	Nono	perative removal of therapeutic device from urinary system
	97.61	Removal of pyelostomy and nephrostomy tube
	97.62	Removal of ureterostomy tube and ureteral catheter
	97.63	Removal of cystostomy tube
	97.64	Removal of other urinary drainage device Removal of indwelling urinary catheter
	97.65	Removal of urethral stent
	97.69	Removal of other device from urinary system
97.7	Nono	perative removal of therapeutic device from genital system
	97.71	Removal of intrauterine contraceptive device
	97.72	Removal of intrauterine pack
	97.73	Removal of vaginal diaphragm
	97.74	Removal of other vaginal pessary
	97.75	Removal of vaginal or vulvar packing
	97.79	Removal of other device from genital tract Removal of sutures
97.8	Othe	r nonoperative removal of therapeutic device
	97.81	Removal of retroperitoneal drainage device
	97.82	Removal of peritoneal drainage device
	97.83	Removal of abdominal wall sutures
	97.84	Removal of sutures from trunk, not elsewhere classified
	97.85	Removal of packing from trunk, not elsewhere classified
	97.86	Removal of other device from abdomen
	97.87	Removal of other device from trunk
	97.88	Removal of external immobilization device Removal of: brace cast
		splint

- 97.89 Removal of other therapeutic device
- 98 Nonoperative removal of foreign body or calculus
- 98.0 Removal of intraluminal foreign body from digestive system without incision

Excludes: removal of therapeutic device (97.51-97.59)

98.01 Removal of intraluminal foreign body from mouth without incision







98.02 Removal of intraluminal foreign body from esophagus without 98.03 Removal of intraluminal foreign body from stomach and small intestine without incision 98.04 Removal of intraluminal foreign body from large intestine without incision 98.05 Removal of intraluminal foreign body from rectum and anus without incision 98.1 Removal of intraluminal foreign body from other sites without incision Excludes: removal of therapeutic device (97.31-97.49, 97.61-97.89) 98.11 Removal of intraluminal foreign body from ear without incision 98.12 Removal of intraluminal foreign body from nose without incision 98.13 Removal of intraluminal foreign body from pharynx without incision 98.14 Removal of intraluminal foreign body from larynx without incision 98.15 Removal of intraluminal foreign body from trachea and bronchus without incision Excludes: Endoscopic removal of bronchial device(s) or substances 98.16 Removal of intraluminal foreign body from uterus without incision Excludes: removal of intrauterine contraceptive device (97.71) 98.17 Removal of intraluminal foreign body from vagina without incision 98.18 Removal of intraluminal foreign body from artificial stoma without incision 98.19 Removal of intraluminal foreign body from urethra without incision 98.2 Removal of other foreign body without incision Excludes: removal of intraluminal foreign body (98.01-98.19) 98.20 Removal of foreign body, not otherwise specified 98.21 Removal of superficial foreign body from eye without incision 98.22 Removal of other foreign body without incision from head and neck Removal of embedded foreign body from eyelid or conjunctiva without incision 98.23 Removal of foreign body from vulva without incision 98.24 Removal of foreign body from scrotum or penis without incision 98.25 Removal of other foreign body without incision from trunk except scrotum, penis, or vulva 98.26 Removal of foreign body from hand without incision 98.27 Removal of foreign body without incision from upper limb, except hand 98.28 Removal of foreign body from foot without incision

### 98.29 Removal of foreign body without incision from lower limb, except foot

## 98.5 Extracorporeal shockwave lithotripsy [ESWL]

Lithotriptor tank procedure

Disintegration of stones by extracorporeal induced shockwaves That with insertion of stent

- 98.51 Extracorporeal shockwave lithotripsy [ESWL] of the kidney, ureter and/or bladder
- 98.52 Extracorporeal shockwave lithotripsy [ESWL] of the gallbladder and/or bile duct
- 98.59 Extracorporeal shockwave lithotripsy of other sites

## 99 Other nonoperative procedures

## 99.0 Transfusion of blood and blood components

Use additional code for that done via catheter or cutdown (38.92-38.94)

## 99.00 Perioperative autologous transfusion of whole blood or blood components

Intraoperative blood collection Postoperative blood collection Salvage

# 99.01 Exchange transfusion

Transfusion:

exsanguination replacement

# 99.02 Transfusion of previously collected autologous blood Blood component

#### 99.03 Other transfusion of whole blood

Transfusion:

blood NOS hemodilution NOS

## 99.04 Transfusion of packed cells

### 99.05 Transfusion of platelets

Transfusion of thrombocytes

### 99.06 Transfusion of coagulation factors

Transfusion of antihemophilic factor

Excludes: infusion of 4-Factor Prothrombin Complex Concentrate (00.96)

## 99.07 Transfusion of other serum

Transfusion of plasma

Excludes: injection [transfusion] of: antivenin (99.16) gamma globulin (99.14)

## 99.08 Transfusion of blood expander

Transfusion of Dextran

# 99.09 Transfusion of other substance Transfusion of: blood surrogate granulocytes Excludes: transplantation [transfusion] of bone marrow (41.00-41.09) 99.1 Injection or infusion of therapeutic or prophylactic substance Includes: injection or infusion given: hypodermically acting locally or systemically intramuscularly acting locally or systemically intravenously acting locally or systemically 99.10 Injection or infusion of thrombolytic agent Alteplase Anistreplase Reteplase Streptokinase Tenecteplase Tissue plasminogen activator (TPA) Urokinase Excludes: aspirin --omit code GP IIB/IIIa platelet inhibitor (99.20) heparin (99.19) SuperSaturated oxygen therapy (00.49) warfarin --omit code 99.11 Injection of Rh immune globulin Injection of: Anti-D (Rhesus) globulin RhoGAM 99.12 Immunization for allergy Desensitization 99.13 Immunization for autoimmune disease 99.14 Injection or infusion of immunoglobulin ® Injection of immune sera injection or infusion of gamma globulin 99.15 Parenteral infusion of concentrated nutritional substances Hyperalimentation Total parenteral nutrition [TPN] Peripheral parenteral nutrition [PPN] 99.16 Injection of antidote Injection of: antivenin heavy metal antagonist 99.17 Injection of insulin 99.18 Injection or infusion of electrolytes 99.19 Injection of anticoagulant

Excludes: infusion of drotrecogin alfa (activated) (00.11)

# 99.2 Injection or infusion of other therapeutic or prophylactic substance

Includes: injection or infusion given: hypodermically acting locally or systemically intramuscularly acting locally or systemically intravenously acting locally or systemically Use additional code for: injection (into): breast (85.92) bursa (82.94, 83.96) intraperitoneal (cavity) (54.97) intrathecal (03.92) joint (76.96, 81.92) kidney (55.96) liver (50.94) orbit (16.91) other sites --see Alphabetic Index perfusion: NOS (39.97) intestine (46.95, 46.96) kidney (55.95) liver (50.93) total body (39.96) Excludes: SuperSaturated oxygen therapy (00.49) 99.20 Injection or infusion of platelet inhibitor Glycoprotein IIB/IIIa inhibitor GP IIB/IIIa inhibitor GP IIB-IIIa inhibitor Excludes: infusion of heparin (99.19) injection or infusion of thrombolytic agent (99.10) 99.21 Injection of antibiotic Excludes: injection or infusion of oxazolidinone class of antibiotics (00.14)99.22 Injection of other anti-infective Excludes: injection or infusion of oxazolidinone class of antibiotics (00.14)99.23 Injection of steroid Injection of cortisone Subdermal implantation of progesterone

99.24 Injection of other hormone

```
99.25 Injection or infusion of cancer chemotherapeutic substance
              Chemoembolization
              Injection or infusion of antineoplastic agent
            Use additional code for disruption of blood brain barrier, if performed
                [BBBD] (00.19)
            Excludes: immunotherapy, antineoplastic (00.15, 99.28)
                      implantation of chemotherapeutic agent (00.10)
                      injection of radioisotope (92.28)
                      injection or infusion of biological response modifier [BRM] as
                         an antineoplastic agent (99.28)
                      intravenous infusion of clofarabine (17.70)
     99.26 Injection of tranquilizer
     99.27 Iontophoresis
     99.28 Injection or infusion of biological response modifier [BRM] as an
            antineoplastic agent
              Low-dose interleukin-2 (IL-2) therapy
              Infusion of cintredekin besudotox
              Immunotherapy, antineoplastic
              Interleukin therapy
              Tumor vaccine
             Excludes: high-dose infusion interleukin-2 [IL-2] (00.15)
     99.29 Injection or infusion of other therapeutic or prophylactic substance
            Excludes: administration of neuroprotective agent (99.75)
                       immunization (99.31-99.59)
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                        esophageal varices (42.33)
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                        veins (39.92)
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                      injection or infusion of nesiritide (00.13)
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99.3 Prophylactic vaccination and inoculation against certain bacterial
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     99.32 Vaccination against typhoid and paratyphoid fever
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     99.33 Vaccination against tuberculosis
              Administration of BCG vaccine
     99.34 Vaccination against plague
     99.35 Vaccination against tularemia
     99.36 Administration of diphtheria toxoid
            Excludes: administration of:
                        diphtheria antitoxin (99.58)
                        diphtheria-tetanus-pertussis, combined (99.39)
```

## 99.37 Vaccination against pertussis

Excludes: administration of diphtheria tetanus-pertussis, combined

(99.39)

#### 99.38 Administration of tetanus toxoid

**Excludes**: administration of:

diphtheria-tetanus-pertussis, combined (99.39)

tetanus antitoxin (99.56)

### 99.39 Administration of diphtheria-tetanus- pertussis, combined

## 99.4 Prophylactic vaccination and inoculation against certain viral diseases

- 99.41 Administration of poliomyelitis vaccine
- 99.42 Vaccination against smallpox
- 99.43 Vaccination against yellow fever
- 99.44 Vaccination against rabies
- 99.45 Vaccination against measles

Excludes: administration of measles-mumps rubella vaccine (99.48)

99.46 Vaccination against mumps

Excludes: administration of measles-mumps rubella vaccine (99.48)

99.47 Vaccination against rubella

Excludes: administration of measles-mumps rubella vaccine (99.48)

99.48 Administration of measles-mumps-rubella vaccine

#### 99.5 Other vaccination and inoculation

- 99.51 Prophylactic vaccination against the common cold
- 99.52 Prophylactic vaccination against influenza
- 99.53 Prophylactic vaccination against arthropod-borne viral encephalitis
- 99.54 Prophylactic vaccination against other arthropod-borne viral diseases
- 99.55 Prophylactic administration of vaccine against other diseases Vaccination against:

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brucellosis

Rocky Mountain spotted fever

Staphylococcus

Streptococcus

tvphus

- 99.56 Administration of tetanus antitoxin
- 99.57 Administration of botulism antitoxin

#### 99.58 Administration of other antitoxins

Administration of:

diphtheria antitoxin

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99.59 Other vaccination and inoculation

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#### 99.79 Other

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# 99.8 Miscellaneous physical procedures

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#### 99.82 Ultraviolet light therapy

Actinotherapy

## 99.83 Other phototherapy

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## 99.84 Isolation

Isolation after contact with infectious disease Protection of individual from his surroundings Protection of surroundings from individual

## 99.85 Hyperthermia for treatment of cancer

Hyperthermia (adjunct therapy) induced by microwave, ultrasound, low energy radio frequency, probes (interstitial), or other means in the treatment of cancer

Code also any concurrent chemotherapy or radiation therapy

# 99.86 Non-invasive placement of bone growth stimulator

Transcutaneous (surface) placement of pads or patches for stimulation to aid bone healing

Excludes: insertion of invasive or semi invasive bone arouth stimulators (device) (percutaneous electrodes) (78.90-78.99)

#### 99.88 Therapeutic photopheresis

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99.91 Acupuncture for anesthesia

## 99.92 Other acupuncture

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- 99.93 Rectal massage (for levator spasm)
- 99.94 Prostatic massage
- 99.95 Stretching of foreskin
- 99.96 Collection of sperm for artificial insemination
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anus (with formation of endorectal ileal	to intestinal segment 42.64
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aortomesenteric 39.26	with
appendix <u>47.99</u>	gastrectomy (partial) 43.5
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<u>39.31</u>	jejunum <u>42.53</u>
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bypass graft 39.29	antesternal or antethoracic NEC <u>42.69</u>
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excision or resection of vessel	interposition (of) NEC <u>42.68</u>
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(peripheral) 04.2	anastomosissee Aneurysmectomy,
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anastomosis 38.30	electrocoagulation 39.52
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aorta (arch)(ascending)(descending)	lower extremity artery(s) 39.79
38.34	thoracic aorta 39.73
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intracranial NEC 38.31	excision or resectionsee also
lower limb	Aneurys-mectomy, by site
artery <u>38.38</u>	with
vein <u>38.39</u>	anastomosissee Aneurysmectomy,
thoracic NEC <u>38.35</u>	with anastomosis, by site
upper limb (artery) (vein) 38.33	graft replacementsee Aneurysmectomy,
graft replacement (interposition) 38.40	with graft replacement, by site
abdominal	filipuncture 39.52
aorta	graft replacementsee Aneurysmectomy,
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fenestrated (branching) graft	methyl methacrylate 39.52
<u>39.78</u>	suture <u>39.52</u>
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lower limb	(descending) 38.34
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thoracic NEC 38.45	lower limb
upper limb (artery) (vein) 38.43	artery 38.38
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Angiectomy-with -anastCont. thoracic vessel NEC 38.35 upper limb (artery) (vein) 38.33 graft replacement (interposition) 38.40 abdominal aorta 38.44 artery 38.46 vein 38.47 aorta (arch) (ascending) (descending thoracic) abdominal 38.44 thoracic 38.45 thoracoabdominal 38.45 [38.44]	AngiographyCont.  lower extremity NEC 88.48 neck 88.41 non-coronary, inra-operative fluorescence 17.71 placenta 88.46 pulmonary 88.43 renal 88.45 specified artery NEC 88.49 transfemoral 88.48 upper extremity NEC 88.49 veinssee Phlebography vertebral 88.41
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lower limb	Note: Also use 00.40, 00.41, 00.42, or 00.43
artery <u>38.48</u>	to show the total number of vessels
vein <u>38.49</u> thoracic vessel NEC <u>38.45</u>	treated. Use code <u>00.44</u> once to show
upper limb (artery) (vein) 38.43	procedure on a bifurcated vessel. In
Angiocardiography (selective) 88.50	addition, use <u>00.45, 00.46, 00.47, or</u>
carbon dioxide (negative contrast) 88.58	00.48 to show the number of vascular stents inserted.
combined right and left heart <u>88.54</u>	
intra-operative coronary fluorescence	balloon (percutaneous transluminal) NEC 39.5
vascular <u>88.59</u> left heart (aortic valve) (atrium) (ventricle)	coronary artery <u>00.66</u>
(ventricular outflow tract) 88.53	coronary <u>36.09</u> open chest approach <u>36.03</u>
combined with right heart 88.54	percutaneous transluminal (balloon) 00.66
right heart (atrium) (pulmonary valve)	percutaneous transluminal (balloon)
(ventricle) (ventricular outflow tract)	(single vessel)
<u>88.52</u>	basilar <u>00.62</u>
combined with left heart 88.54	carotid <u>00.61</u>
SPY, coronary 88.59	cerebrovascular
vena cava (inferior) (superior) 88.51 Angiography (arterial)see also	extracranial <u>00.61</u>
Arteriography 88.40	carotid <u>00.61</u> coronary (balloon)) <u>00.66</u>
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by computed tomographyseeScan,	femoropopliteal 39.50
C.A.T., by site	iliac <u>39.50</u>
by magnetic resonance - see Imaging,	intracranial <u>00.62</u>
magnetic resonance, by site	lower extremity NOS 39.50
by radioisotopesee Scan, radioisotope,	mesenteric 39.50
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by site	renal <u>39.50</u> subclavian <u>39.50</u>
basilar 88.41	upper extremity NOS 39.50
brachial 88.49	vertebral 00.61
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coronary NEC <u>88.57</u> intra-operative fluorescence vascular	extracranial 00.61
88.59	intracranial 00.62
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heart <u>88.50</u>	vein <u>39.32</u>
intra-abdominal NEC <u>88.47</u>	Angioscopy, percutaneous 38.22
intracranial 88.41	eye (fluorescein) 95.12
intrathoracic vessels NFC 88 44	

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abdominal	with root canal therapy <u>23.72</u>
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vein 38.07	Apicostomy, alveolar 24.0
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88.42	skeletal traction) <u>02.94</u>
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ApplicationCont.	ApplicationCont.
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(Silverstone) 39.51	Minerva 93.52
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hybrid device or system <u>84.73</u>	
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monoplanar system or device <u>84.71</u>	Reduction, dislocation
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ring device or system <u>84.72</u>	adhesive tape (skin) <u>93.46</u>
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thorax (ribs) (sternum) 78.11	Dunlop's <u>93.44</u>
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thoracic NEC 38.45	foot and toe 80.98
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brachial 88.49	cricoarytenoid 31.69
carotid (internal) 88.41	elbow 81.24
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<u>81.06</u>	finger(s) <u>81.72</u>
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anterolateral (anterior) technique	foot (metatarsal) with joint replacement
<u>81.06</u>	81.57
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81.08	hand (metacarpophalangeal)
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<b>Catheterization</b> see also Insertion, catheter	chalazion <u>08.25</u>
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right <u>37.21</u>	for entropion or ectropion <u>08.41</u>
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Cavernostomy 33.1	laparotrachelotomy <u>74.1</u>
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orthodontic 87.12	tracheostomy tube <u>97.23</u>
Cephalometry, cephalometrics 87.17	ureterostomy catheter or tube 55.93
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orthodontic 87.12	Character analysis, psychologic 94.03
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colporrhaphy) 67.4	defibrillator) (interrogation only) 89.49
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CheckCont.	Cholangiogram <u>87.54</u>
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interstitial implantation 00.10	Choledocholithotripsy 51.41
	endoscopic 51.88
intracavitary implantation 00.10 wafer chemotherapy 00.10	Choledochopancreatostomy 51.39
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methadone 94.25	Choledochorrhaphy 51.71
	Choledochoscopy 51.11
palate (bony) 27.31	Choledochostomy 51.51
Chevalier-Jackson operation	Choledochotomy 51.51
(partial laryngectomy) 30.29	Cholelithotomy 51.04
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Cholangiocholangiostomy 51.39	elbow <u>80.92</u>
Cholangiocholecystocholedochectomy	foot and toe <u>80.98</u>
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Cholangio-enterostomy 51.39	hip <u>80.95</u>
Cholangiogastrostomy 51.39	intervertebral cartilagesee category 80.5

ChondrectomyCont	Clayton operation (resection of metatarsal
knee (semilunar cartilage) 80.6	heads and bases of phalanges) 77.88
nasal (submucous) 21.5	Cleaning, wound 96.59
semilunar cartilage (knee) 80.6	Clearance
shoulder 80.91	bladder (transurethral) 57.0
specified site NEC <u>80.99</u>	pelvic
spinesee category 80.5	female 68.8
wrist 80.93	male 57.71
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repair) 34.74	ureter (transurethral) 56.0
Chondrotomysee also Division, cartilage	Cleidotomy 77.31
80.40	fetal 73.8
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Chardetermy, vocal 30.22	(cerebellopontine) (communicating
Chordotomy (spinothalmic) (anterior)	artery) (vertebral) 39.51
(posterior) NEC <u>03.29</u>	arteriovenous fistula 39.53
percutaneous <u>03.21</u>	frenulum, frenum
stereotactic <u>03.21</u>	labia (lips) <u>27.91</u>
Ciliarotomy 12.55	lingual (tongue) 25.91
Ciliectomy (ciliary body) 12.44	left atrial appendage 37.36
eyelid margin <u>08.20</u>	tip of uvula <u>27.72</u>
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scleral <u>14.49</u>	Clivogram <u>87.02</u>
ocular muscle (oblique) (rectus) <u>15.22</u>	Closuresee also Repair
multiple (two or more muscles) <u>15.4</u>	abdominal wall <u>54.63</u>
Cineangiocardiographysee also	delayed (granulating wound) <u>54.62</u>
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amputationsee Amputation	amputation stump, secondary <u>84.3</u>
arm <u>84.44</u>	anular disc <u>80.54</u>
biceps <u>84.44</u>	with graft or prosthesis <u>80.53</u>
extremity <u>84.40</u>	anulus fibrosus <u>80.54</u>
lower <u>84.48</u>	with graft or prosthesis 80.53
upper <u>84.44</u>	aorticopulmonary fenestration(fistula) 39.59
leg <u>84.48</u>	appendicostomy <u>47.92</u>
Cineradiograph see Radiography	artificial opening
Cingulumotomy (brain) (percutaneous	bile duct <u>51.79</u>
radio-frequency) 01.32	bladder 57.82
Circumcision (male) 64.0	bronchus 33.42
female 71.4	common duct 51.72
CISH [classic infrafascial SEMM hysterectomy]	esophagus 42.83
68.31	gallbladder 51.92
Clagett operation (closure of chest wall	hepatic duct 51.79
following open flap drainage) 34.72	intestine 46.50
Clamp and cautery, hemorrhoids 49.43	large 46.52
Clamping	small 46.51
aneurysm (cerebral) 39.51	kidney <u>55.82</u>
blood vesselsee Ligation, blood vessel	larynx 31.62
ventricular shunt 02.43	rectum 48.72
Clavicotomy 77.31	stomach 44.62
fetal 73.8	thorax 34.72
Claviculectomy (partial) 77.81	trachea 31.72
total 77.91	ureter 56.83
	urethra 58.42



ClosureCont.	Closure -fistulaCont.
atrial septal defectsee also Repair, atrial	cholecystojejunal <u>51.93</u>
septal defect <u>35.71</u>	cisterna chyli <u>40.63</u>
with umbrella device(King-Mills type)	colon <u>46.76</u>
<u>35.52</u>	colovaginal <u>70.72</u>
combined with repair of valvular and	common duct 51.72
ventricular septal defectssee	cornea <u>11.49</u>
Repair, endocardial cushion defect	with lamellar graft (homograft) <u>11.62</u>
bronchostomy <u>33.42</u>	autograft <u>11.61</u>
cecostomy <u>46.52</u>	diaphragm <u>34.83</u>
cholecystostomy <u>51.92</u>	duodenum <u>46.72</u>
cleft hand <u>82.82</u>	ear, middle <u>19.9</u>
colostomy <u>46.52</u>	ear drum <u>19.4</u>
cystostomy <u>57.82</u>	enterocolic <u>46.74</u>
diastema (alveolar) (dental) <u>24.8</u>	enterocutaneous <u>46.74</u>
disrupted abdominal wall (postoperative)	enterouterine <u>69.42</u>
<u>54.61</u>	enterovaginal <u>70.74</u>
duodenostomy <u>46.51</u>	enterovesical <u>57.83</u>
encephalocele <u>02.12</u>	esophagobronchial 33.42
endocardial cushion defectsee also Repair,	esophagocutaneous <u>42.84</u>
endocardial cushion defect 35.73	esophagopleurocutaneous 34.73
enterostomy <u>46.50</u>	esophagotracheal 31.73
esophagostomy <u>42.83</u>	esophagus NEC <u>42.84</u>
fenestration	fecal <u>46.79</u>
aorticopulmonary 39.59	gallbladder <u>51.93</u>
septal, heart <i>see also</i> Repair, heart,	gastric NEC <u>44.63</u>
septum <u>35.70</u>	gastrocolic <u>44.63</u>
filtering bleb, corneoscleral	gastroenterocolic 44.63
(post-glaucoma) 12.66	gastroesophageal 42.84
fistula	gastrojejunal <u>44.63</u>
abdominothoracic 34.83	gastrojejunocolic <u>44.63</u>
anorectal 48.73	heart valvesee Repair, heart, valve
anovaginal 70.73	hepatic duct 51.79
antrobuccal 22.71	hepatopleural 34.73
anus <u>49.73</u>	hepatopulmonary 34.73
aorticopulmonary (fenestration) 39.59	ileorectal 46.74
aortoduodenal 39.59	ileosigmoidal 46.74
appendix 47.92	ileovesical <u>57.83</u>
biliary tract <u>51.79</u> bladder NEC 57.84	ileum <u>46.74</u>
branchial cleft 29.52	in ano <u>49.73</u>
	intestine 46.79
bronchocutaneous <u>33.42</u> bronchoesophageal 33.42	large <u>46.76</u> small NEC 46.74
bronchomediastinal 34.73	intestinocolonic 46.74
bronchopleural 34.73	intestinocolonic 40.74
bronchopleurocutaneous 34.73	intestinouterine 69.42
bronchopleuromediastinal 34.73	intestinouterine <u>09.42</u>
bronchovisceral 33.42	intestinovaginal 70.74
bronchus 33.42	jejunum <u>46.74</u>
cecosigmoidal 46.76	kidney 55.83
cerebrospinal fluid 02.12	lacrimal 09.99
cervicoaural 18.79	laryngotracheal 31.62
cervicosigmoidal 67.62	larynx 31.62
cervicosignioldal <u>67.62</u>	lymphatic duct, left (thoracic) 40.63
cervix 67.62	mastoid (antrum) 19.9
cholecystocolic <u>51.93</u>	mediastinobronchial 34.73
cholecystoduodenal 51.93	mediastinoproficinal 34.73
cholecystoduodenai <u>51.95</u>	mouth (external) 27.53
cholecystogastric 51.93	nasal 21.82
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Closure -fistulaCont.	Closure -fistulaCont.
sinus <u>22.71</u>	urethrovaginal <u>58.43</u>
nasolabial <u>21.82</u>	uteroenteric <u>69.42</u>
nasopharyngeal <u>21.82</u>	uterointestinal <u>69.42</u>
oroantral <u>22.71</u>	uterorectal <u>69.42</u>
oronasal <u>21.82</u>	uteroureteric <u>56.84</u>
oval window (ear) 20.93	uterovaginal <u>69.42</u>
pancreaticoduodenal 52.95	uterovesical 57.84
perilymph 20.93	vagina 70.75
perineorectal 48.73	vaginocutaneous 70.75
perineosigmoidal <u>46.76</u>	vaginoenteric 70.74
perineourethroscrotal 58.43	vaginoperineal 70.75
perineum 71.72	vaginovesical <u>57.84</u>
perirectal <u>48.93</u>	vesicocervicovaginal <u>57.84</u>
pharyngoesophageal <u>29.53</u>	vesicocolic <u>57.83</u>
pharynx NEC <u>29.53</u>	vesicocutaneous <u>57.84</u>
pleura, pleural NEC <u>34.93</u>	vesicoenteric <u>57.83</u>
pleurocutaneous <u>34.73</u>	vesicometrorectal <u>57.83</u>
pleuropericardial <u>37.49</u>	vesicoperineal <u>57.84</u>
pleuroperitoneal <u>34.83</u>	vesicorectal <u>57.83</u>
pulmonoperitoneal <u>34.83</u>	vesicosigmoidal <u>57.83</u>
rectolabial <u>48.73</u>	vesicosigmoidovaginal <u>57.83</u>
rectoureteral <u>56.84</u>	vesicoureteral <u>56.84</u>
rectourethral <u>58.43</u>	vesicoureterovaginal <u>56.84</u>
rectovaginal <u>70.73</u>	vesicourethral <u>57.84</u>
rectovesical <u>57.83</u>	vesicourethrorectal <u>57.83</u>
rectovesicovaginal <u>57.83</u>	vesicouterine <u>57.84</u>
rectovulvar <u>48.73</u>	vesicovaginal <u>57.84</u>
rectum NEC 48.73	vulva <u>71.72</u>
renal <u>55.83</u>	vulvorectal <u>48.73</u>
reno-intestinal <u>55.83</u>	foramen ovale (patent) <u>35.71</u>
round window 20.93	with
salivary (gland) (duct) <u>26.42</u>	prosthesis(open heart technique) <u>35.51</u>
scrotum <u>61.42</u>	closed heart technique <u>35.52</u>
sigmoidovaginal <u>70.74</u>	tissue graft <u>35.61</u>
sigmoidovesical <u>57.83</u>	gastroduodenostomy <u>44.5</u>
splenocolic <u>41.95</u>	gastrojejunostomy <u>44.5</u>
stomach NEC <u>44.63</u>	gastrostomy <u>44.62</u>
thoracic duct <u>40.63</u>	ileostomy <u>46.51</u>
thoracoabdominal <u>34.83</u>	jejunostomy <u>46.51</u>
thoracogastric <u>34.83</u>	lacerationsee also Suture, by site
thoracointestinal <u>34.83</u>	liver <u>50.61</u>
thorax NEC 34.73	laparotomy, delayed <u>54.62</u>
trachea NEC <u>31.73</u>	meningocele (spinal) <u>03.51</u>
tracheoesophageal <u>31.73</u>	cerebral <u>02.12</u>
tympanic membranesee also	myelomeningocele <u>03.52</u>
Tympanoplasty <u>19.4</u>	nephrostomy <u>55.82</u>
umbilicourinary <u>57.51</u>	palmar cleft <u>82.82</u>
ureter <u>56.84</u>	patent ductus arteriosus 38.85
ureterocervical <u>56.84</u>	pelviostomy <u>55.82</u>
ureterorectal <u>56.84</u>	peptic ulcer (bleeding) (perforated) 44.40
ureterosigmoidal <u>56.84</u>	perforation
ureterovaginal <u>56.84</u>	ear drumsee also Tympanoplasty <u>19.4</u>
ureterovesical <u>56.84</u>	esophagus <u>42.82</u>
urethra <u>58.43</u>	nasal septum <u>21.88</u>
urethroperineal <u>58.43</u>	tympanic membranesee also
urethroperineovesical <u>57.84</u>	Tympanoplasty 19.4
urethrorectal <u>58.43</u>	proctostomy <u>48.72</u>
urethroscrotal <u>58.43</u>	punctum, lacrimal (papilla) <u>09.91</u>



ClosureCont.	Coagulation, electrocoagulationCont.
pyelostomy <u>55.82</u>	ovary <u>65.29</u>
rectostomy <u>48.72</u>	laparoscopic <u>65.25</u>
septum defect (heart)see also Repair,	pharynx (by diathermy) <u>29.39</u>
heart, septum <u>35.70</u>	prostatic bed <u>60.94</u>
sigmoidostomy <u>46.52</u>	rectum (polyp) <u>48.32</u>
skin (V-Y type) <u>86.59</u>	radical <u>48.31</u>
stoma	retina (for)
bile duct <u>51.79</u>	destruction of lesion 14.21
bladder <u>57.82</u>	reattachment <u>14.51</u>
bronchus <u>33.42</u>	repair for tear <u>14.31</u>
common duct <u>51.72</u>	round ligament <u>69.19</u>
esophagus <u>42.83</u>	semicircular canals <u>20.79</u>
gallbladder <u>51.92</u>	spinal cord (lesion) <u>03.4</u>
hepatic duct <u>51.79</u>	urethrovesical junction,transurethral <u>57.49</u>
intestine <u>46.50</u>	uterosacral ligament <u>69.19</u>
large <u>46.52</u>	uterus <u>68.29</u>
small <u>46.51</u>	vagina <u>70.33</u>
kidney <u>55.82</u>	vulva <u>71.3</u>
larynx <u>31.62</u>	Coating, aneurysm of brain <u>39.52</u>
rectum <u>48.72</u>	Cobalt-60 therapy (treatment) 92.23
stomach <u>44.62</u>	Coccygectomy (partial) 77.89
thorax <u>34.72</u>	total <u>77.99</u>
trachea <u>31.72</u>	Coccygotomy 77.39
ureter <u>56.83</u>	"Cocked hat" procedure (metacarpal
urethra <u>58.42</u>	lengthening and transfer of local flap) <u>82.69</u>
thoracostomy <u>34.72</u>	Cockett operation (varicose vein)
tracheostomy <u>31.72</u>	lower limb 38.59
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duodenum <u>44.42</u>	Cody tack (perforation of footplate) 19.0
gastric <u>44.41</u>	Coffey operation (uterine suspension)
intestine (perforated) 46.79	(Meig's modification) <u>69.22</u>
skin <u>86.59</u>	Cole operation (anterior tarsal wedge
stomach <u>44.41</u>	osteotomy) <u>77.28</u>
ureterostomy <u>56.83</u>	Colectomy (partial) (segmental) (subtotal)
urethrostomy <u>58.42</u>	cecum (with terminal ileum)
vagina <u>70.8</u>	laparoscopic 17.32
vascular	open and other 45.72
percutaneous punctureomit code	laparoscopic <u>17.39</u>
vesicostomy <u>57.22</u>	left (Hartmann) (lower) (radical)
woundsee also Suture, by site	laparoscopic 17.35
with graftsee Graft	open and other 45.75
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Destruction, lesion, by site	open and other 45.71
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39.52	right (radical)
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01.59	sigmoid
broad ligament 69.19	laparoscopic 17.36
cervix <u>67.32</u>	open and other 45.76
ear	terminal ileum with cecum
external <u>18.29</u>	laparoscopic 17.32
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fallopian tube 66.61	total
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1103C, TOT EPISCANIS (WILLI PACKING) 41.03	ı UIIEI 43.03

Colored Cont	C. L
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unspecified <u>45.83</u>	following delivery <u>75.69</u>
transverse	Colpopexy 70.77
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by	vaginal construction 70.61
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with esophagogastroplasty) <u>53.80</u>	with graft or prosthesis <u>70.53</u>
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Colonna operation	with graft or prosthesis 70.54
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through stoma (artificial) 45.22	open heart techniquesee
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temporary 46.11	cryosurgery 67.33
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ileal conduit <u>56.51</u>	embolization (transcatheter) <u>44.44</u>
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and ventricular septal defects	total <u>35.81</u>
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cushion defect	connection
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cleft	truncus arteriosus
lip <u>27.54</u>	one-stage <u>35.83</u>
palate <u>27.62</u>	partialsee specific procedure
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by magnetic forces 42.99	associated with thoracic operation
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ptosissee also Repair,	repair) <u>34.74</u>
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02.12	omit code
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## D

da Vinci® (S HD) Surgical System	Debridement-open fracture Cont.
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Dana operation (posterior rhizotomy) 03.1	(automatic) pocket 37.79
Danforth operation (fetal) 73.8	graft 86.75
Darrach operation (ulnar resection) 77.83	nail, nail bed, or nail fold <u>86.27</u>
Davis operation (intubated ureterotomy)	pacemaker pocket 37.79
56.2	pocket
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77.60	compound fracture 02.02
	spinal cord (meninges) 03.4
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	burn (skin) <u>86.28</u>
bursa 83.5	dental 96.54
cerebral meninges <u>01.51</u> fascia 83.44	infection (skin) <u>86.28</u>
	skin or subcutaneous tissue (burn)
flap graft <u>86.75</u> graft (flap) (pedicle) <u>86.75</u>	(infection) (wound) 86.28
heart valve (calcified)	ultrasonic, ultrasound 86.28
see Valvuloplasty, heart	VersaJet™ 86.28
infection (skin) 86.22	wound (skin) 86.28
nail (bed) (fold) 86.27	Decapitation, fetal 73.8
jointsee Excision, lesion, joint	Decapsulation, kidney 55.91
	<b>Declotting</b> see also Removal, thrombus
meninges (cerebral) <u>01.51</u> spinal 03.4	arteriovenous cannula or shunt 39.49
muscle 83.45	Decompression
hand 82.36	anus (imperforate) 48.0
nail 86.27	biliary tract 51.49
nerve (peripheral) 04.07	by intubation 51.43
open fracture (compound) 79.60	endoscopic <u>51.87</u>
arm NEC 79.62	percutaneous 51.98
carpal, metacarpal 79.63	brain 01.24
facial bone 76.2	carpal tunnel 04.43
femur 79.65	cauda equina 03.09
fibula 79.66	chamber 93.97
	colon 96.08
foot NEC <u>79.67</u> hand NEC 79.63	by incision 45.03
humerus 79.61	endoscopic (balloon) 46.85
1141116145 / 3.01	endoscopic (bandon) 40.83



DecompressionCont.	Deepening
common bile duct 51.42	alveolar ridge <u>24.5</u>
by intubation 51.43	buccolabial sulcus <u>24.91</u>
endoscopic 51.87	lingual sulcus 24.91
percutaneous 51.98	Defatting, flap or pedicle graft 86.75
cranial 01.24	Defibrillation, electric (external) (internal)
for skull fracture 02.02	99.62
endolymphatic sac 20.79	automatic cardioverter/defibrillator
ganglion (peripheral) NEC <u>04.49</u>	see category <u>37.9</u>
cranial NEC <u>04.42</u>	de Grandmont operation (tarsectomy) 08.35
gastric <u>96.07</u>	Delaying of pedicle graft <u>86.71</u>
heart <u>37.0</u>	Delivery (with)
intestine <u>96.08</u>	assisted spontaneous <u>73.59</u>
by incision 45.00	breech extraction (assisted) 72.52
endoscopic (balloon) 46.85	partial 72.52
intracranial 01.24	with forceps to aftercoming head 72.51
labyrinth 20.79	total 72.54
laminectomy 03.09	with forceps to aftercoming head 72.53
laminotomy 03.09	unassisted (spontaneous delivery)
median nerve 04.43	omit code
muscle <u>83.02</u>	cesarean sectionsee Cesarean section
hand 82.02	Credé maneuver <u>73.59</u>
nerve (peripheral) NEC <u>04.49</u>	De Lee maneuver <u>72.4</u>
auditory <u>04.42</u>	forceps <u>72.9</u>
cranial NEC <u>04.42</u>	application to aftercoming head(Piper)
median <u>04.43</u>	<u>72.6</u>
trigeminal (root) <u>04.41</u>	with breech extraction
orbitsee also Orbitotomy <u>16.09</u>	partial <u>72.51</u>
pancreatic duct <u>52.92</u>	total 72.53
endoscopic 52.93	Barton's 72.4
pericardium <u>37.0</u>	failed 73.3
rectum 48.0	high 72.39
skull fracture <u>02.02</u>	with episiotomy <u>72.31</u>
spinal cord (canal) 03.09	low (outlet) 72.0
tarsal tunnel 04.44	with episiotomy 72.1
tendon (sheath) 83.01	mid 72.29
hand 82.01	
	with episiotomy 72.21
thoracic outlet	outlet (low) 72.0
by	with episiotomy 72.1
myotomy (division of scalenus	rotation of fetal head 72.4
anticus muscle) <u>83.19</u>	trial <u>73.3</u>
tenotomy <u>83.13</u>	instrumental NEC <u>72.9</u>
trigeminal (nerve root) <u>04.41</u>	specified NEC <u>72.8</u>
Decortication	key-in-lock rotation 72.4
arterial <u>05.25</u>	Kielland rotation <u>72.4</u>
brain <u>01.51</u>	Malstrom's extraction 72.79
cerebral meninges <u>01.51</u>	with episiotomy <u>72.71</u>
heart <u>37.31</u>	manually assisted (spontaneous) 73.59
kidney 55.91	spontaneous (unassisted) 73.59
lung (partial) (total) 34.51	assisted 73.59
thoracoscopic 34.52	vacuum extraction 72.79
nasal turbinatessee Turbinectomy	with episiotomy 72.71
nose 21.89	Delorme operation
ovary <u>65.29</u>	pericardiectomy <u>37.31</u>
laparoscopic <u>65.25</u>	proctopexy 48.76
periarterial <u>05.25</u>	repair of prolapsed rectum 48.76
pericardium 37.31	thoracoplasty <u>33.34</u>
ventricle, heart (complete) 37.31	
Decoy, E2F <u>00.16</u>	

B	Desire all conferences
Denervation	Destruction Cont.
aortic body 39.89	intervertebral disc (NOS) <u>80.50</u>
carotid body <u>39.89</u>	by injection 80.52
facet, percutaneous(radiofrequency) <u>03.96</u>	by other specified method <u>80.59</u>
ovarian <u>65.94</u>	herniated (nucleus pulposus) <u>80.51</u>
paracervical uterine <u>69.3</u>	lacrimal sac <u>09.6</u>
uterosacral <u>69.3</u>	LAA <u>37.36</u>
Denker operation (radical maxillary	left atrial appendage 37.36
antrotomy) 22.31	lesion (local)
Dennis-Barco operation	anus <u>49.39</u>
see Repair, hernia, femoral	endoscopic 49.31
<b>Denonvillier operation</b> (limited rhinoplasty)	Bartholin's gland <u>71.24</u>
<u>21.86</u>	by
Densitometry, bone (serial) (radiographic)	aspiration <u>71.21</u>
<u>88.98</u>	excision <u>71.24</u>
Depilation, skin <u>86.92</u>	incision <u>71.22</u>
Derlacki operation (tympanoplasty) 19.4	marsupialization 71.23
Dermabond <u>86.59</u>	biliary ducts <u>51.69</u>
Dermabrasion (laser) <u>86.25</u>	endoscopic <u>51.64</u>
for wound debridement 86.28	bladder <u>57.59</u>
Derotationsee Reduction, torsion	transurethral <u>57.49</u>
Desensitization	bonesee Excision, lesion, bone
allergy <u>99.12</u>	bowelsee Destruction, lesion, intestine
psychologic <u>94.33</u>	brain (transtemporal approach)NEC 01.59
<b>Desmotomy</b> see also Division, ligament	by stereotactic radiosurgery 92.30
80.40	cobalt 60 <u>92.32</u>
Destruction	linear accelerator (LINAC) 92.31
breast <u>85.20</u>	multi-source <u>92.32</u>
chorioretinopathysee also Destruction,	particle beam <u>92.33</u>
lesion, choroid <u>14.29</u>	particulate <u>92.33</u>
ciliary body 12.74	radiosurgery NEC 92.39
epithelial downgrowth, anterior chamber	single source photon 92.31
12.93	breast NEC 85.20
fallopian tube 66.39	bronchus NEC 32.09
with	endoscopic 32.01
crushing (and ligation) 66.31	cerebral NEC <u>01.59</u>
by endoscopy (laparoscopy) <u>66.21</u>	meninges <u>01.51</u>
division (and ligation) 66.32	cervix <u>67.39</u>
by endoscopy (culdoscopy)	by
(hysteroscopy) (laparoscopy)	cauterization 67.32
(peritoneoscopy) 66.22	cryosurgery, cryoconization 67.33
ligation 66.39	electroconization 67.32
with	choroid <u>14.29</u>
crushing <u>66.31</u>	by
by endoscopy (laparoscopy)	cryotherapy <u>14.22</u>
<u>66.21</u>	diathermy <u>14.21</u>
division <u>66.32</u>	implantation of radiation source 14.27
by endoscopy (culdoscopy)	photocoagulation 14.25
(hysteroscopy) (laparoscopy)	laser <u>14.24</u>
(peritoneoscopy) 66.22	xenon arc <u>14.23</u>
fetus <u>73.8</u>	radiation therapy 14.26
hemorrhoids 49.49	ciliary body (nonexcisional) 12.43
by	by excision 12.44
cryotherapy <u>49.44</u>	conjunctiva <u>10.32</u>
sclerotherapy <u>49.42</u>	by excision 10.31
inner ear NEC <u>20.79</u>	
by injection <u>20.72</u>	



Destruction -lesion (local) Cont.	Destruction -lesion (local)Cont.
cornea NEC <u>11.49</u>	palate (bony) (local) <u>27.31</u>
by	wide <u>27.32</u>
cryotherapy <u>11.43</u>	pancreas <u>52.22</u>
electrocauterization 11.42	by marsupialization <u>52.3</u>
thermocauterization 11.42	endoscopic <u>52.21</u>
cul-de-sac <u>70.32</u>	pancreatic duct <u>52.22</u>
duodenum NEC 45.32	endoscopic 52.21
by excision 45.31	penis <u>64.2</u>
endoscopic 45.30	pharynx (excisional) 29.39
endoscopic 45.30	pituitary gland
esophagus (chemosurgery)	by stereotactic radiosurgery 92.30
(cryosurgery) (electroresection)	cobalt 60 92.32
(fulguration) NEC 42.39	linear accelerator (LINAC) 92.31
by excision 42.32	multi-source 92.32
endoscopic 42.33	particle beam 92.33
endoscopic 42.33	particulate 92.33
eye NEC 16.93	radiosurgery NEC 92.39
eyebrow 08.25	single source photon 92.31
eyelid <u>08.25</u>	rectum (local) 48.32
excisionalsee Excision, lesion, eyelid	by
heart	cryosurgery <u>48.34</u>
by catheter ablation 37.34	electrocoagulation 48.32
by endovascular approach 37.34	excision 48.35
by open approach 37.33	fulguration 48.32
by thoracoscopic approach 37.37	laser (Argon) 48.33
left atrial appendage 37.36	polyp 48.36
intestine (large) 45.49	radical 48.31
by excision 45.41	retina 14.29
endoscopic 45.43	by
polypectomy 45.42	cryotherapy 14.22
endoscopic 45.43	diathermy 14.21
polypectomy 45.42	implantation of radiation source 14.27
small 45.34	photocoagulation 14.25
by excision 45.33	laser 14.24
intranasal 21.31	xenon arc 14.23
iris (nonexcisional) NEC 12.41	radiation therapy 14.26
by excision 12.42	salivary gland NEC 26.29
kidney 55.39	by marsupialization 26.21
by marsupialization 55.31	sclera 12.84
lacrimal sac 09.6	scrotum 61.3
larynx <u>30.09</u>	skin NEC <u>86.3</u>
liver 50.29	sphincter of Oddi 51.69
lung 32.29	endoscopic 51.64
endoscopic <u>32.28</u>	spinal cord (meninges) 03.4
meninges (cerebral) 01.51	spleen 41.42
spinal 03.4	by marsupialization 41.41
nerve (peripheral) 04.07	stomach NEC 43.49
sympathetic 05.29	by excision 43.42
nose 21.30	endoscopic 43.41
intranasal 21.31	endoscopic 43.41
specified NEC 21.32	subcutaneous tissue NEC <u>86.3</u>
ovary	testis 62.2
by	tongue 25.1
aspiration <u>65.91</u>	urethra (excisional) 58.39
excision <u>65.29</u>	endoscopic <u>58.31</u>
laparoscopic 65.25	uterus 68.29
cvst by rupture (manual) 65.93	

	1
Destruction Cont.	DetorsionCont
nerve (cranial) (peripheral) (by	volvulus <u>46.80</u>
cryo-analgesia) (by radiofrequency)	endoscopic (balloon) <u>46.85</u>
<u>04.2</u>	Detoxification therapy 94.25
sympathetic, by injection of neurolytic	alcohol 94.62
agent <u>05.32</u>	with rehabilitation 94.63
neuroma	combined alcohol and drug 94.68
acoustic 04.01	with rehabilitation 94.69
by craniotomy 04.01	drug 94.65
by stereotactic radiosurgery 92.30	with rehabilitation 94.66
cobalt 60 92.32	combined alcohol and drug 94.68
linear accelerator (LINAC) 92.31	with rehabilitation 94.69
multi-source 92.32	Devascularization, stomach 44.99
	· ——
particle beam 92.33	Device
particulate 92.33	CorCap™ <u>37.41</u>
radiosurgery NEC <u>92.39</u>	external fixatorsee Fixator, external
single source photon <u>92.31</u>	Dewebbing
cranial <u>04.07</u>	esophagus <u>42.01</u>
Morton's <u>04.07</u>	syndactyly (fingers) (toes) <u>86.85</u>
peripheral	<b>Dextrorotation</b> see Reduction, torsion
Morton's <u>04.07</u>	Dialysis
prostate (prostatic tissue)	hemodiafiltration, hemofiltration
by	(extracorporeal) 39.95
cryotherapy <u>60.62</u>	kidney (extracorporeal) <u>39.95</u>
microwave 60.96	liver 50.92
radiofrequency 60.97	peritoneal 54.98
transurethral microwave	renal (extracorporeal) 39.95
thermotherapy (TUMT) 60.96	Diaphanoscopy
transurethral needle ablation (TUNA)	nasal sinuses 89.35
60.97	skull (newborn) 89.16
TULIP (transurethral (ultrasound)	Diaphysectomysee category 77.8
guided laser induced	Diathermy 93.34
prostatectomy) 60.21	choroidsee Diathermy, retina
TUMT (transurethral microwave	nasal turbinates 21.61
thermotherapy) 60.96	retina
TUNA (transurethral needle ablation)	for
60.97	1 - 1
	destruction of lesion 14.21
semicircular canals, by injection 20.72	reattachment 14.51
tissue of heart -see Excision, lesion,	repair of tear 14.31
heart	surgicalsee Destruction, lesion, by site
vestibule, by injection 20.72	turbinates (nasal) 21.61
Detachment, uterosacral ligaments 69.3	<b>Dickson operation</b> (fascial transplant) 83.82
Determination	Dickson-Diveley operation (tendon
mental status (clinical) (medico-legal)	transfer and arthrodesis to correct claw
(psychiatric) NEC <u>94.11</u>	toe) <u>77.57</u>
psychologic NEC <u>94.09</u>	<b>Dieffenbach operation</b> (hip disarticulation)
vital capacity (pulmonary) <u>89.37</u>	<u>84.18</u>
Detorsion	Dilation
intestine (twisted) (volvulus) 46.80	achalasia <u>42.92</u>
large <u>46.82</u>	ampulla of Vater <u>51.81</u>
endoscopic (balloon) 46.85	endoscopic <u>51.84</u>
small <u>46.81</u>	anus, anal (sphincter) <u>96.23</u>
kidney <u>55.84</u>	biliary duct
ovary <u>65.95</u>	endoscopic 51.84
spermatic cord 63.52	pancreatic duct 52.99
with orchiopexy 62.5	endoscopic 52.98
testis 63.52	percutaneous (endoscopy) 51.98
with orchiopexy 62.5	p



<b>Dilation</b> -biliary duct <i>Cont.</i>	<b>Dilation</b> -sphincter <i>Cont</i> .
sphincter	pylorus
of Oddi <u>51.81</u>	by incision <u>44.21</u>
endoscopic <u>51.84</u>	endoscopic <u>44.22</u>
pancreatic <u>51.82</u>	rectum <u>96.22</u>
endoscopic <u>51.85</u>	salivary duct <u>26.91</u>
bladder 96.25	sphenoid ostia 22.52
neck 57.92	sphincter
bronchus 33.91	anal 96.23
cervix (canal) 67.0	cardiac 42.92
obstetrical 73.1	of Oddi 51.81
to assist delivery 73.1	endoscopic 51.84
choanae (nasopharynx) 29.91	pancreatic 51.82
colon (endoscopic) (balloon) 46.85	endoscopic 51.85
with insertion of colonic stent	pylorus, endoscopic 44.22
endoscopic 46.86	by incision 44.21
other <u>46.87</u>	Stenson's duct 26.91
colostomy stoma <u>96.24</u>	trachea 31.99
duodenum (endoscopic) (balloon) 46.85	ureter 59.8
with insertion of colonic stent	meatus <u>56.91</u>
	ureterovesical orifice 59.8
endoscopic <u>46.86</u>	
other 46.87	urethra 58.6
endoscopicsee Dilation, by site	prostatic (transurethral) (balloon)
enterostomy stoma 96.24	60.95
esophagus(by bougie)(by sound) 42.92	urethrovesical junction 58.6
fallopian tube 66.96	vagina (instrumental) (manual) NEC <u>96.16</u>
foreskin (newborn) 99.95	vesical neck <u>57.92</u>
frontonasal duct <u>96.21</u>	Wharton's duct 26.91
gastrojejunostomy site, endoscopic 44.22	Wirsung's duct 52.99
heart valvesee Valvulotomy, heart	endoscopic 52.98
ileostomy stoma 96.24	Dilation and curettage, uterus (diagnostic)
ileum (endoscopic) (balloon) 46.85 with insertion of colonic stent	69.09 after
endoscopic <u>46.86</u>	abortion <u>69.02</u>
other <u>46.87</u>	delivery <u>69.02</u>
intestinal stoma (artificial) 96.24	to terminate pregnancy 69.01
intestine (endoscopic) (balloon) 46.85	Diminution, ciliary body 12.74
with insertion of colonic stent	Disarticulation 84.91
endoscopic 46.86	ankle <u>84.13</u>
other <u>46.87</u>	elbow <u>84.06</u>
jejunum (endoscopic) (balloon) <u>46.85</u>	finger, except thumb <u>84.01</u>
with insertion of colonic stent	thumb <u>84.02</u>
endoscopic <u>46.86</u>	hip <u>84.18</u>
other <u>46.87</u>	knee <u>84.16</u>
lacrimal	shoulder <u>84.08</u>
duct <u>09.42</u>	thumb <u>84.02</u>
punctum <u>09.41</u>	toe <u>84.11</u>
larynx <u>31.98</u>	wrist <u>84.04</u>
lymphatic structure(s) (peripheral) 40.9	<b>Discectomy</b> see Diskectomy
nares <u>21.99</u>	Discission
nasolacrimal duct (retrograde) <u>09.43</u>	capsular membrane <u>13.64</u>
with insertion of tube or stent <u>09.44</u>	cataract (Wheeler knife) (Ziegler knife)
nasopharynx <u>29.91</u>	<u>13.2</u>
pancreatic duct <u>52.99</u>	congenital <u>13.69</u>
endoscopic <u>52.98</u>	secondary membrane <u>13.64</u>
pharynx <u>29.91</u>	iris <u>12.12</u>
prostatic urethra (transurethral) (balloon)	lens (capsule) (Wheeler knife) (Ziegler knife)
<u>60.95</u>	(with capsulotomy) <u>13.2</u>
punctum, lacrimal papilla <u>09.41</u>	orbitomaxillary, radical 16.51

DiscissionCont	DiverticulectomyCont.
pupillary <u>13.2</u>	duodenum <u>45.31</u>
secondary membrane (after cataract) 13.64	endoscopic <u>45.30</u>
vitreous strands (posterior approach) 14.74	esophagus <u>42.31</u>
anterior approach 14.73	endoscopic <u>42.33</u>
Discogram, diskogram <u>87.21</u>	esophagomyotomy <u>42.7</u>
Discolysis (by injection) 80.52	hypopharyngeal (by cricopharyngeal
Diskectomy(discectomy),intervertebral	myotomy) <u>29.32</u>
80.51	intestine
with corpectomy 80.99	large <u>45.41</u>
herniated (nucleus pulposus) <u>80.51</u>	endoscopic <u>45.43</u>
percutaneous 80.59	small <u>45.33</u> kidney 55.39
Dispensing (with fitting) contact lens 95.32	Meckel's 45.33
low vision aids NEC 95.33	pharyngeal (by cricopharyngeal myotomy)
spectacles 95.31	29.32
Disruption	pharyngoesophageal (by
blood brain barrier via infusion [BBBD]	crico-pharyngeal myotomy) 29.32
00.19	stomach 43.42
<b>Dissection</b> see also Excision	endoscopic 43.41
aneurysm 38.60	urethra 58.39
artery-vein-nerve bundle 39.91	endoscopic 58.31
branchial cleft fistula or sinus 29.52	Division
bronchus 32.1	Achilles tendon 83.11
femoral hernia 53.29	adductor tendon (hip) 83.12
groin, radical 40.54	adhesionssee Lysis, adhesions
larynx block (en bloc) 30.3	angle of mandible (open) 76.62
mediastinum with pneumonectomy 32.59	closed <u>76.61</u>
thoracoscopic 32.50	anterior synechiae 12.32
neck, radical 40.40	aponeurosis 83.13
with laryngectomy 30.4	arcuate ligament (spine)omit code
bilateral 40.42	arteriovenous fistula (with ligation) 39.53
unilateral 40.41	artery (with ligation) 38.80
orbital fibrous bands 16.92	abdominal 38.86
pterygium (with reposition) 11.31	aorta (arch) (ascending) (descending)
radical neck see Dissection, neck, radical	38.84
retroperitoneal NEC <u>59.00</u>	head and neck NEC 38.82
thoracic structures (block) (en bloc)	intracranial NEC 38.81
(radical) (brachial plexus,	lower limb 38.88
bronchus, lobe of lung, ribs, and	thoracic NEC <u>38.85</u>
sympathetic nerves) 32.6	upper limb <u>38.83</u>
vascular bundle <u>39.91</u>	bladder neck <u>57.91</u>
Distention, bladder (therapeutic)	blepharorrhaphy <u>08.02</u>
(intermittent) <u>96.25</u>	blood vessels, cornea <u>10.1</u>
Diversion	bonesee also Osteotomy 77.30
biliopancreatic(BPD) <u>43.7</u> [ <u>45.51</u> ] [ <u>45.91</u> ]	brain tissue <u>01.32</u>
with duodenal switch <u>43.89[45.51][45.91]</u>	cortical adhesions <u>02.91</u>
urinary	canaliculus <u>09.52</u>
cutaneous <u>56.61</u>	canthorrhaphy <u>08.02</u>
ileal conduit <u>56.51</u>	cartilage 80.40
internal NEC <u>56.71</u>	ankle <u>80.47</u>
ureter to	elbow <u>80.42</u>
intestine <u>56.71</u>	foot and toe 80.48
skin <u>56.61</u>	hand and finger 80.44
uretero-ileostomy <u>56.51</u>	hip <u>80.45</u>
Diversional therapy 93.81	knee <u>80.46</u>
Diverticulectomy	shoulder 80.41
bladder (suprapubic) 57.59	specified site NEC 80.49
transurethral approach <u>57.49</u>	spine <u>80.49</u>



Division -cartilageCont.	Division -ligamentCont.
wrist <u>80.43</u>	wrist <u>80.43</u>
cerebral tracts <u>01.32</u>	ligamentum flavum (spine)omit code
chordae tendineae 35.32	meninges (cerebral) <u>01.31</u>
common wall between posterior left	muscle <u>83.19</u>
atrium and coronary sinus (with	hand <u>82.19</u>
roofing of resultant defect with	nasolacrimal duct stricture (with drainage
patch graft) <u>35.82</u>	09.59
congenital web	nerve (cranial) (peripheral) NEC <u>04.03</u>
larynx <u>31.98</u>	acoustic <u>04.01</u>
pharynx <u>29.54</u>	adrenal gland <u>07.42</u>
endometrial synechiae <u>68.21</u>	auditory <u>04.01</u>
fallopian tube	glossopharyngeal 29.92
see Ligation, fallopian tube	lacrimal branch <u>05.0</u>
fascia <u>83.14</u>	laryngeal (external) (recurrent)
hand <u>82.12</u>	(superior) 31.91
frenulum, frenum	phrenic <u>04.03</u>
labial <u>27.91</u>	for collapse of lung 33.31
lingual <u>25.91</u>	root, spinal or intraspinal <u>03.1</u>
tongue 25.91	sympathetic <u>05.0</u>
ganglion, sympathetic <u>05.0</u>	tracts
glossopharyngeal nerve 29.92	cerebral 01.32
goniosynechiae 12.31	spinal cord <u>03.29</u>
hypophyseal stalksee also	percutaneous <u>03.21</u>
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Enema (transanal) NEC 96.39	feeding NEC 46.39
for removal of impacted feces 96.38	percutaneous (endoscopic) 46.32
ENG (electronystagmogram) 95.24	ileum (Brooke) (Dragstedt) <u>46.20</u>
Enlargement	loop <u>46.01</u>
aortic lumen, thoracic 38.14	jejunum (feeding) <u>46.39</u>
atrial septal defect (pre-existing) 35.41	loop <u>46.01</u>
in repair of total anomalous pulmonary	percutaneous (endoscopic) 46.32
venous connection <u>35.82</u>	sigmoid colonsee also Colostomy 46.10
eye socket <u>16.64</u>	loop <u>46.03</u>
foramen ovale (pre-existing) <u>35.41</u>	transverse colonsee also Colostomy46.10
in repair of total anomalous pulmonary	loop <u>46.03</u>
venous connection 35.82	Enterotomy <u>45.00</u>
intestinal stoma <u>46.40</u>	large intestine <u>45.03</u>
large intestine <u>46.43</u>	small intestine <u>45.02</u>
small intestine <u>46.41</u>	Enucleationsee also Excision, lesion, by site
introitus <u>96.16</u>	cyst
orbit (eye) <u>16.64</u>	broad ligament <u>69.19</u>
palpebral fissure <u>08.51</u>	dental <u>24.4</u>
punctum <u>09.41</u>	liver <u>50.29</u>
sinus tract (skin) <u>86.89</u>	ovarian <u>65.29</u>
Enterectomy NEC <u>45.63</u>	laparoscopic <u>65.25</u>
Enteroanastomosis	parotid gland <u>26.29</u>
large-to-large intestine <u>45.94</u>	salivary gland <u>26.29</u>
small-to-large intestine <u>45.93</u>	skin <u>86.3</u>
small-to-small intestine 45.91	subcutaneous tissue <u>86.3</u>
Enterocelectomy <u>53.9</u>	eyeball <u>16.49</u>
female <u>70.92</u>	with implant(into Tenon's capsule) 16.42
with graft or prosthesis <u>70.93</u>	with attachment of muscles 16.41
vaginal <u>70.92</u>	<b>EOG</b> (electro-oculogram) <u>95.22</u>
with graft or prosthesis <u>70.93</u>	Epicardiectomy <u>36.39</u>
Enterocentesis <u>45.00</u>	Epididymectomy <u>63.4</u>
duodenum <u>45.01</u>	with orchidectomy (unilateral) 62.3
large intestine <u>45.03</u>	bilateral <u>62.41</u>
small intestine NEC <u>45.02</u>	Epididymogram <u>87.93</u>
Enterocholecystostomy 51.32	Epididymoplasty <u>63.59</u>
Enteroclysis (small bowel) <u>96.43</u>	Epididymorrhaphy <u>63.81</u>
Enterocolectomy NEC <u>45.79</u>	Epididymotomy <u>63.92</u>
Enterocolostomy <u>45.93</u>	Epididymovasostomy <u>63.83</u>
Enteroentectropy 46.99	Epiglottidectomy <u>30.21</u>
Enteroenterostomy <u>45.90</u>	Epikeratophakia <u>11.76</u>
small-to-large intestine <u>45.93</u>	Epilation
small-to-small intestine <u>45.91</u>	eyebrow (forceps) <u>08.93</u>
Enterogastrostomy <u>44.39</u>	cryosurgical <u>08.92</u>
laparoscopic 44.38	electrosurgical <u>08.91</u>
Enterolithotomy <u>45.00</u>	eyelid (forceps) NEC <u>08.93</u>
Enterolysis 54.59	cryosurgical 08.92
laparoscopic 54.51	electrosurgical <u>08.91</u>
Enteropancreatostomy <u>52.96</u>	skin <u>86.92</u>
Enterorrhaphy 46.79	<b>Epiphysiodesis</b> see also Arrest, bone growth
large intestine 46.75	see category <u>78.2</u>
small intestine <u>46.73</u>	



Epiphysiolysissee also Arrest, bone	Esophagocolostomy(intrathoracic)NEC <u>42.56</u>
growthsee category 78.2	with interposition of colon 42.55
Epiploectomy 54.4	antesternal or antethoracic NEC $\frac{42.66}{10.000}$
Epiplopexy 54.74	with interposition of colon 42.65
Epiplorrhaphy 54.74	Esophagoduodenostomy(intrathoracic)NEC
Episioperineoplasty 71.79	<u>42.54</u> with
Episioperineorrhaphy 71.71	
obstetrical 75.69	complete gastrectomy 43.99
Episioplasty 71.79	interposition of small bowel 42.53
Episioproctotomy <u>73.6</u>	Esophagoenterostomy (intrathoracic) NEC
Episiorrhaphy 71.71	see also Anastomosis, esophagus, to
following episiotomysee Episiotomy	intestinal segment 42.54
for obstetrical laceration 75.69	antesternal or antethoracicsee also
<b>Episiotomy</b> (with subsequent episiorrhaphy)73.6	
high forceps 72.31	to intestinal segment 42.64
low forceps 72.1	Esophagoesophagostomy (intrathoracic)
mid forceps 72.21	42.51
nonobstetrical 71.09	antesternal or antethoracic 42.61
outlet forceps 72.1	Esophagogastrectomy 43.99
EPS (electrophysiologic stimulation)	Esophagogastroduodenoscopy (EGD) <u>45.13</u>
as part of intraoperative testingomit code	with closed biopsy 45.16
catheter based invasive electrophysiologic	through stoma (artificial) 45.12
testing <u>37.26</u>	transabdominal (operative) 45.11
device interrogation only without arrhythmia	Esophagogastromyotomy 42.7
induction (bedside check) 89.45-89.49	Esophagogastropexy 44.65
noninvasive programmed electrical	Esophagogastroplasty 44.65
stimulation (NIPS) 37.20	Esophagogastroscopy NEC 44.13
Eptifibatide, infusion 99.20	through stoma (artificial) 44.12
Equalization, leg	transabdominal (operative) 44.11
lengtheningsee category 78.3	Esophagogastrostomy (intrathoracic) 42.52
shorteningsee category 78.2	with partial gastrectomy $\frac{43.5}{10.000}$
Equilibration (occlusal) 24.8	antesternal or antethoracic 42.62
Equiloudness balance 95.43	Esophagoileostomy(intrathoracic)NEC <u>42.54</u>
ERC (endoscopic retrograde	with interposition of small bowel 42.53
cholangiography) 51.11	antesternal or antethoracic NEC 42.64
ERCP (endoscopic retrograde	with interposition of small bowel 42.63
cholangiopancreatography) 51.10	Esophagojejunostomy(intrathoracic) NEC 42.54
cannulation of pancreatic duct <u>52.93</u>	with
ERG (electroretinogram) 95.21	complete gastrectomy 43.99
ERP (endoscopic retrograde	interposition of small bowel 42.53
pancreatography) 52.13	antesternal or antethoracic NEC 42.64
Eruption, tooth, surgical 24.6	with interposition of small bowel 42.63
Erythrocytapheresis, therapeutic 99.73	Esophagomyotomy 42.7
Escharectomy 86.22	Esophagoplasty NEC 42.89
Escharotomy 86.09	Esophagorrhaphy <u>42.82</u>
Esophageal voice training	Esophagoscopy NEC 42.23
(postlaryngectomy) 93.73	by incision (operative) 42.21 with closed biopsy 42.24
Esophagectomy 42.40	· /
abdominothoracocervical (combined)	through stoma (artificial) 42.22
(synchronous) 42.42	transabdominal (operative) 42.21
partial or subtotal <u>42.41</u>	Esophagostomy <u>42.10</u> cervical <u>42.11</u>
total 42.42	thoracic 42.19
Esophagocologastrostomy (intrathoracic)	Esophagotomy NEC 42.09
42.55	Estes operation (ovary) 65.72
antesternal or antethoracic 42.65	laparoscopic 65.75
	Estlander operation (thoracoplasty) 33.34
	Estimate operation (moracopiasty) 55.54

ESWL (extracorporeal shockwave lithotripsy)	Examination (for)
NEC <u>98.59</u>	breast
bile duct <u>98.52</u>	manual <u>89.36</u>
bladder <u>98.51</u>	radiographic NEC <u>87.37</u>
gallbladder <u>98.52</u>	thermographic <u>88.85</u>
kidney <u>98.51</u>	ultrasonic <u>88.73</u>
Kock pouch (urinary diversion) 98.51	cervical rib (by x-ray) <u>87.43</u>
renal pelvis <u>98.51</u>	colostomy stoma (digital) 89.33
specified site NEC <u>98.59</u>	dental (oral mucosa) (peridontal) <u>89.31</u>
ureter 98.51	radiographic NEC 87.12
Ethmoidectomy 22.63	enterostomy stoma (digital) <u>89.33</u>
Ethmoidotomy 22.51	eye 95.09
Evacuation	color vision <u>95.06</u>
abscess <i>see</i> Drainage, by site	comprehensive <u>95.02</u>
anterior chamber (eye) (aqueous)	dark adaptation 95.07
(hyphema) <u>12.91</u>	limited (with prescription of
cystsee also Excision, lesion, by site	spectacles) 95.01
breast 85.91	under anesthesia 95.04
kidney <u>55.01</u>	fetus, intrauterine 75.35
liver <u>50.29</u>	general physical 89.7
hematomasee also Incision, hematoma	glaucoma 95.03
obstetrical 75.92	gynecological 89.26
incisional 75.91	hearing 95.47
hemorrhoids (thrombosed) 49.47	microscopic (specimen) (of) 91.9
pelvic blood clot (by incision) 54.19	
by	Note Use the following fourth-digit
culdocentesis 70.0	subclassification with categories 90-91
culdoscopy 70.22	to identify type of examination:
retained placenta	1 bacterial smear
with curettage 69.02	2 culture
manual 75.4	3 culture and sensitivity
streptothrix from lacrimal duct 09.42	4 parasitology
Evaluation (of)	5 toxicology
audiological 95.43	6 cell block and Papanicolaou smear
cardiac rhythm device (CRT-D) (CRT-P)	9 other microscopic examination
(AICD) (pacemaker)see Interrogation	adenoid <u>90.3</u>
criminal responsibility, psychiatric 94.11	adrenal gland <u>90.1</u>
functional (physical therapy) 93.01	amnion <u>91.4</u>
hearing NEC 95.49	anus <u>90.9</u>
orthotic (for brace fitting) 93.02	appendix <u>90.9</u>
prosthetic (for artificial limb fitting) 93.03	bile ducts <u>91.0</u>
psychiatric NEC 94.19	bladder <u>91.3</u>
commitment 94.13	blood <u>90.5</u>
psychologic NEC 94.08	bone <u>91.5</u>
testimentary capacity, psychiatric 94.11	marrow <u>90.6</u>
Evans operation (release of clubfoot) 83.84	brain <u>90.0</u>
Evisceration	breast <u>91.6</u>
eyeball 16.39	bronchus <u>90.4</u>
with implant (into scleral shell) 16.31	bursa <u>91.5</u>
ocular contents 16.39	cartilage <u>91.5</u>
with implant (into scleral shell) 16.31	cervix <u>91.4</u>
orbitsee also Exenteration, orbit 16.59	chest wall 90.4
pelvic (anterior) (posterior) (partial)	chorion 91.4
(total) (female) 68.8	colon <u>90.9</u>
male 57.71	cul-de-sac <u>91.1</u>
Evulsion	dental <u>90.8</u>
nail (bed) (fold) 86.23	diaphragm <u>90.4</u>
skin 86.3	duodenum 90.8
subcutaneous tissue 86.3	ear <u>90.3</u>
Jubentancous tissue ov.s	<del></del>



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Examination -microscopicCont.	Examination -microscopicCont.
endocrine gland NEC <u>90.1</u>	synovial membrane 91.5
esophagus 90.8	tendon 91.5
eye 90.2	thorax NEC 90.4
fallopian tube 91.4	throat 90.3
fascia <u>91.5</u>	thymus <u>90.1</u>
female genital tract <u>91.4</u>	thyroid gland <u>90.1</u>
fetus <u>91.4</u>	tonsil <u>90.3</u>
gallbladder <u>91.0</u>	trachea <u>90.4</u>
hair 91.6	ureter 91.2
ileum 90.9	urethra 91.3
jejunum 90.9	urine 91.3
joint fluid 91.5	uterus 91.4
kidney 91.2	vagina 91.4
, <u> </u>	
large intestine 90.9	vas deferens <u>91.3</u>
larynx 90.3	vomitus 90.8
ligament <u>91.5</u>	vulva <u>91.4</u>
liver <u>91.0</u>	neurologic <u>89.13</u>
lung 90.4	neuro-ophthalmology 95.03
lymph (node) <u>90.7</u>	ophthalmoscopic 16.21
meninges 90.0	panorex, mandible 87.12
mesentery 91.1	pelvic (manual) 89.26
mouth 90.8	instrumental (by pelvimeter) 88.25
muscle <u>91.5</u>	pelvimetric <u>88.25</u>
musculoskeletal system <u>91.5</u>	physical, general <u>89.7</u>
nails <u>91.6</u>	postmortem <u>89.8</u>
nerve <u>90.0</u>	rectum (digital) <u>89.34</u>
nervous system <u>90.0</u>	endoscopic <u>48.23</u>
nose 90.3	through stoma (artificial) <u>48.22</u>
omentum 91.1	transabdominal 48.21
operative wound 91.7	retinal disease 95.03
ovary 91.4	specified type (manual) NEC 89.39
pancreas 91.0	thyroid field, postoperative 06.02
parathyroid gland <u>90.1</u>	uterus (digital) 68.11
penis <u>91.3</u>	endoscopic <u>68.12</u>
perirenal tissue <u>91.2</u>	vagina <u>89.26</u>
peritoneum (fluid) <u>91.1</u>	endoscopic <u>70.21</u>
periureteral tissue <u>91.2</u>	visual field <u>95.05</u>
perivesical (tissue) 91.3	Exchange transfusion 99.01
pharynx 90.3	intrauterine 75.2
pineal gland 90.1	Excision
pituitary gland 90.1	aberrant tissuesee Excision, lesion,
placenta 91.4	by site of tissue origin
pleura (fluid) 90.4	
	abscesssee Excision, lesion, by site
prostate 91.3	accessory tissuesee also Excision, lesion,
rectum <u>90.9</u>	by site of tissue origin
retroperitoneum <u>91.1</u>	lung <u>32.29</u>
semen <u>91.3</u>	endoscopic <u>32.28</u>
seminal vesicle <u>91.3</u>	thoracoscopic <u>32.20</u>
sigmoid <u>90.9</u>	spleen 41.93
skin 91.6	adenoids (tag) 28.6
small intestine 90.9	with tonsillectomy 28.3
specified site NEC 91.8	adenomasee Excision, lesion, by site
spinal fluid 90.0	adrenal glandsee also Adrenalectomy 07.22
spleen 90.6	ampulla of Vater (with reimplantation of
sputum 90.4	common duct) <u>51.62</u>
stomach 90.8	anal papilla <u>49.39</u>
stool <u>90.9</u>	endoscopic <u>49.31</u>

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ExcisionCont.	Excision -boneCont.
aneurysm (arteriovenous)see also	total, except facialsee category 77.9
Aneurysmectomy 38.60	facial NEC <u>76.45</u>
coronary artery 36.91	with reconstruction 76.44
heart 37.32	mandible 76.42
myocardium <u>37.32</u> sinus of Valsalva 35.39	with reconstruction 76.41
	brain <u>01.59</u> hemisphere 01.52
ventricle (heart) <u>37.32</u> anus (complete) (partial) 49.6	lobe 01.53
aortic subvalvular ring 35.35	branchial cleft cyst or vestige 29.2
apocrine gland 86.3	breastsee also Mastectomy 85.41
aponeurosis 83.42	aberrant tissue 85.24
hand 82.33	accessory 85.24
appendage, left atrial <u>37.36</u>	ectopic 85.24
appendiceal stump 47.09	nipple 85.25
laparoscopic 47.01	accessory 85.24
appendices epiploicae 54.4	segmental 85.23
appendixsee also Appendectomy	supernumerary 85.24
epididymis <u>63.3</u>	wedge 85.21
testis 62.2	broad ligament 69.19
arcuate ligament (spine)omit code	bronchogenic cyst 32.09
arteriovenous fistulasee also	endoscopic 32.01
Aneurysmectomy 38.60	bronchus (wide sleeve) NEC 32.1
arterysee also Arteriectomy 38.60	buccal mucosa 27.49
Baker's cyst, knee 83.39	bulbourethral gland 58.92
Bartholin's gland <u>71.24</u>	bulbous tuberosities (mandible) (maxilla)
basal ganglion <u>01.59</u>	(fibrous) (osseous) 24.31
bile duct <u>51.69</u>	bunionsee also Bunionectomy 77.59
endoscopic <u>51.64</u>	bunionette (with osteotomy) 77.54
bladder <i>see also</i> Cystectomy	bursa <u>83.5</u>
bleb (emphysematous), lung <u>32.29</u>	hand <u>82.31</u>
endoscopic <u>32.28</u>	canal of Nuck <u>69.19</u>
thoracoscopic <u>32.20</u>	cardioma <u>37.33</u>
blood vessel <i>see also</i> Angiectomy <u>38.60</u>	carotid body (lesion) (partial) (total) 39.89
bone (ends) (partial), except facial	cartilagesee also Chondrectomy 80.90
see category 77.8	intervertebralsee category <u>80.5</u>
facial NEC <u>76.39</u>	knee (semilunar) <u>80.6</u>
total <u>76.45</u>	larynx <u>30.29</u>
with reconstruction 76.44	nasal (submucous) 21.5
for graft (autograft) (homograft)	caruncle, urethra 58.39
see category 77.7	endoscopic <u>58.31</u>
fragments (chips)see also Incision,	cataractsee also Extraction, cataract 13.19
bone <u>77.10</u>	secondary membrane (after cataract) 13.65
jointsee also Arthrotomy 80.10	cervical
necroticsee also Sequestrectomy,	rib <u>77.91</u>
bone <u>77.00</u> heterotopic, from	stump <u>67.4</u> cervix (stump) NEC 67.4
muscle 83.32	cold (knife) 67.2
hand 82.22	conization 67.2
skin 86.3	cryoconization 67.33
tendon 83.31	electroconization 67.32
hand 82.21	chalazion (multiple) (single) 08.21
mandible 76.31	cholesteatomasee Excision, lesion, by site
with arthrodesissee Arthrodesis	choroid plexus 02.14
total 76.42	cicatrix (skin) 86.3
with reconstruction 76.41	cilia base 08.20
spursee Excision, lesion, bone	ciliary body, prolapsed 12.98
	clavicle (head) (partial) 77.81
	total (complete) 77.91



ExcisionCont.	Excision -cystCont.
clitoris 71.4	popliteal (Baker's), knee <u>83.39</u>
coarctation of aorta (end-to-end	radicular <u>24.4</u>
anastomosis) <u>38.64</u>	spleen <u>41.42</u>
with	synovial (membrane) <u>83.39</u>
graft replacement (interposition)	thyroglossal (with resection of hyoid
abdominal <u>38.44</u>	bone) <u>06.7</u>
thoracic 38.45	urachal (bladder) <u>57.51</u>
thoracoabdominal <u>38.45</u> [ <u>38.44</u> ]	abdominal wall 54.3
common	vagina (Gartner's duct) <u>70.33</u>
duct <u>51.63</u>	cystic
wall between posterior and coronary	duct remnant 51.61
sinus (with roofing or resultant	hygroma 40.29
defect with patch graft) 35.82	dentinoma 24.4
condylesee category 77.8	diaphragm 34.81
mandible 76.5	disc, intervertebral NOS <u>80.50</u>
conjunctival ring 10.31	herniated (nucleus pulposus) 80.51
cornea 11.49	other specified (diskectomy) <u>80.51</u>
epithelium(with chemocauterization) 11.41	diverticulum
for smear or culture 11.21	ampulla of Vater <u>51.62</u>
costal cartilage 80.99	anus <u>49.39</u>
cul-de-sac (Douglas') 70.92 with graft or prosthesis 70.93	endoscopic <u>49.31</u>
cusp, heart valve 35.10	bladder <u>57.59</u> transurethral 57.49
aortic 35.11	duodenum 45.31
mitral 35.12	endoscopic 45.30
tricuspid 35.14	esophagus (local) 42.31
cystsee also Excision, lesion, by site	endoscopic 42.33
apical (tooth) 23.73	hypopharyngeal (by cricopharyngeal
with root canal therapy 23.72	myotomy) 29.32
Baker's (popliteal) 83.39	intestine
breast 85.21	large <u>45.41</u>
broad ligament 69.19	endoscopic 45.43
bronchogenic 32.09	small NEC 45.33
endoscopic 32.01	Meckel's <u>45.33</u>
cervix 67.39	pharyngeal (by cricopharyngeal
dental 24.4	myotomy) <u>29.32</u>
dentigerous 24.4	pharyngoesophageal (by cricopharyngeal
epididymis 63.2	myotomy) 29.32
fallopian tube 66.61	stomach <u>43.42</u>
Gartner's duct 70.33	endoscopic 43.41
hand <u>82.29</u>	urethra <u>58.39</u>
labia <u>71.3</u>	endoscopic <u>58.31</u>
lung <u>32.29</u>	ventricle, heart <u>37.33</u>
endoscopic <u>32.28</u>	duct
thoracoscopic <u>32.20</u>	mullerian <u>69.19</u>
mesonephric duct <u>69.19</u>	paramesonephric <u>69.19</u>
Morgagni	thyroglossal (with resection of hyoid
female <u>66.61</u>	bone) <u>06.7</u>
male <u>62.2</u>	ear, external (complete) NEC <u>18.39</u>
mullerian duct <u>60.73</u>	partial <u>18.29</u>
nasolabial <u>27.49</u>	radical <u>18.31</u>
nasopalatine <u>27.31</u>	ectopic
by wide excision <u>27.32</u>	abdominal fetus 74.3
ovary <u>65.29</u>	tissuesee also Excision, lesion, by
laparoscopic 65.25	site of tissue origin
parovarian 69.19	bone, from muscle 83.32
pericardium 37.31	breast <u>85.24</u>
periodontal (apical) (lateral) 24.4	lung 32.29

Excision -ectopicCont.	ExcisionCont.
endoscopic 32.28	goitersee Thyroidectomy
thoracoscopic 32.20	gum 24.31
spleen 41.93	hallux valgussee also Bunionectomy
empyema pocket, lung 34.09	with prosthetic implant 77.59
epididymis <u>63.4</u>	hamartoma, mammary 85.21
epiglottis 30.21	heart assist systemsee Removal
epithelial downgrowth, anterior	hematocele, tunica vaginalis 61.92
chamber (eye) 12.93	hematomasee Drainage, by site
epulis (gingiva) 24.31	hemorrhoids(external)(internal) (tag) 49.46
esophagussee also Esophagectomy	heterotopic bone, from
42.40	muscle 83.32
exostosissee also Excision, lesion,	hand <u>82.22</u>
bone <u>77.60</u>	skin 86.3
auditory canal, external 18.29	tendon 83.31
facial bone 76.2	hand 82.21
first metatarsal (hallux valgus repair)	hydatid of Morgagni
see Bunionectomy	female 66.61
eye 16.49	male 62.2
with implant(into Tenon's capsule)	hydatid cyst, liver 50.29
16.42	hydrocele
with attachment of muscles 16.41	canal of Nuck (female) 69.19
eyelid 08.20	male 63.1
redundant skin <u>08.86</u>	round ligament <u>69.19</u>
falciform ligament 54.4	spermatic cord 63.1
fallopian tubesee Salpingectomy	tunica vaginalis 61.2
fascia 83.44	hygroma, cystic <u>40.29</u>
for graft <u>83.43</u>	hymen (tag) 70.31
hand <u>82.34</u>	hymeno-urethral fusion 70.31
hand 82.35	intervertebral discsee Excision, disc,
for graft <u>82.34</u>	intervertebral (NOS) 80.50
fat pad NEC 86.3	intestinesee also Resection, intestine 45.8
knee (infrapatellar) (prepatellar) <u>86.3</u>	for interposition 45.50
scalene 40.21	large 45.52
fibroadenoma, breast <u>85.21</u>	small 45.51
fissure, anus 49.39	large (total)
endoscopic 49.31	for interposition 45.52
fistulasee also Fistulectomy	laparoscopic 45.81
anal 49.12	open <u>45.82</u>
arteriovenoussee also	other 45.83
Aneurysmectomy 38.60	local 45.41
ileorectal 46.74	endoscopic 45.43
lacrimal	segmental 45.79
gland <u>09.21</u>	laparoscopic 17.39
sac 09.6	multiple
rectal <u>48.73</u>	laparoscopic 17.31
vesicovaginal 57.84	open and other 45.71
frenulum, frenum	open and other 45.79
labial (lip) <u>27.41</u>	unspecified 45.83
lingual (tongue) 25.92	small (total) <u>45.63</u>
ganglion (hand) (tendon sheath) (wrist)	for interposition 45.51
82.21	local <u>45.33</u>
gasserian <u>04.05</u>	partial 45.62
site other than hand or nerve 83.31	segmental 45.62
sympathetic nerve <u>05.29</u>	multiple <u>45.61</u>
trigeminal nerve <u>04.05</u>	intraductal papilloma <u>85.21</u>
gastrocolic ligament 54.4	iris prolapse 12.13
gingiva 24.31	jointsee also Arthrectomy 80.90
glomus jugulare tumor 20 51	keloid (scar) skin 86 3



ExcisionCont.	Excision -lesion -blood vesselCont.
LAA <u>37.36</u>	artery <u>38.68</u>
labiasee Vulvectomy	vein <u>38.69</u>
lacrimal .	thoracic NEC 38.65
gland 09.20	upper limb (artery) (vein) 38.63
partial 09.22	bone <u>77.60</u>
total <u>09.23</u>	carpal, metacarpal 77.64
passage 09.6	clavicle 77.61
sac 09.6	facial 76.2
left atrial appendage 37.36	femur <u>77.65</u>
lesion (local)	fibula <u>77.67</u>
abdominal wall 54.3	humerus 77.62
accessory sinussee Excision, lesion,	jaw <u>76.2</u>
nasal sinus	dental <u>24.4</u>
adenoids <u>28.92</u>	patella <u>77.66</u>
adrenal gland(s) <u>07.21</u>	pelvic <u>77.69</u>
alveolus <u>24.4</u>	phalanges (foot) (hand) <u>77.69</u>
ampulla of Vater <u>51.62</u>	radius <u>77.63</u>
anterior chamber (eye) NEC <u>12.40</u>	scapula <u>77.61</u>
anus <u>49.39</u>	skull <u>01.6</u>
endoscopic <u>49.31</u>	specified site NEC <u>77.69</u>
apocrine gland <u>86.3</u>	tarsal, metatarsal <u>77.68</u>
artery <u>38.60</u>	thorax (ribs) (sternum) <u>77.61</u>
abdominal <u>38.66</u>	tibia <u>77.67</u>
aorta (arch) (ascending) (descending	ulna <u>77.63</u>
thoracic) <u>38.64</u>	vertebrae <u>77.69</u>
with end-to-end anastomosis <u>38.45</u>	brain(transtemporal approach)NEC <u>01.59</u>
abdominal <u>38.44</u>	by stereotactic radiosurgery <u>92.30</u>
thoracic <u>38.45</u>	cobalt 60 <u>92.32</u>
thoracoabdominal <u>38.45</u> [ <u>38.44</u> ]	linear accelerator (LINAC) <u>92.31</u>
with graft interposition graft	multi-source 92.32
replacement <u>38.45</u>	particle beam <u>92.33</u>
abdominal <u>38.44</u>	particulate <u>92.33</u>
thoracic <u>38.45</u>	radiosurgery NEC <u>92.39</u>
thoracoabdominal <u>38.45</u> [ <u>38.44</u> ]	single source photon <u>92.31</u>
head and neck NEC <u>38.62</u>	breast (segmental) (wedge) <u>85.21</u>
intracranial NEC <u>38.61</u>	broad ligament <u>69.19</u>
lower limb 38.68	bronchus NEC 32.09
thoracic NEC 38.65	endoscopic 32.01
upper limb <u>38.63</u>	cerebral (cortex) NEC <u>01.59</u>
atrium <u>37.33</u>	meninges <u>01.51</u>
auditory canal or meatus, external 18.29	cervix (myoma) <u>67.39</u>
radical <u>18.31</u>	chest wall <u>34.4</u>
auricle, ear <u>18.29</u>	choroid plexus <u>02.14</u>
radical <u>18.31</u>	ciliary body 12.44
biliary ducts 51.69	colon <u>45.41</u>
endoscopic <u>51.64</u>	endoscopic NEC <u>45.43</u>
bladder (transurethral) <u>57.49</u>	polypectomy 45.42
open <u>57.59</u>	conjunctiva 10.31
suprapubic <u>57.59</u> blood vessel <u>38.60</u>	cornea <u>11.49</u> cranium 01.6
abdominal	cul-de-sac (Douglas') 70.32
artery <u>38.66</u>	dental (jaw) <u>24.4</u> diaphragm 34.81
vein <u>38.67</u> aorta (arch) (ascending) (descending)	duodenum (local) 45.31
38.64	endoscopic 45.30
head and neck NEC 38.62	ear, external 18.29
intracranial NEC 38.61	radical 18.31
lower limb	endometrium 68 29

Evelelan lesion Cont	Evelsion losion Cont
Excision -lesionCont. epicardium 37.31	<b>Excision</b> -lesion <i>Cont.</i> lacrimal
epididymis 63.3	gland (frontal approach) 09.21
epiglottis 30.09	passage 09.6
esophagus NEC <u>42.32</u>	sac 09.6
endoscopic 42.33	larynx 30.09
eye, eyeball 16.93	ligament (joint)see also Excision,
anterior segment NEC 12.40	lesion, joint 80.80
eyebrow (skin) <u>08.20</u>	broad 69.19
eyelid <u>08.20</u>	round 69.19
by	uterosacral 69.19
halving procedure <u>08.24</u>	lip <u>27.43</u>
wedge resection <u>08.24</u>	by wide excision 27.42
major	liver 50.29
full-thickness 08.24	lung NEC <u>32.29</u>
partial-thickness <u>08.23</u>	by lung volume reduction surgery
minor <u>08.22</u>	32.22
fallopian tube 66.61	biologic lung volume reduction
fascia 83.39	(BLVR)see category 33.7
hand 82.29	by wide excision 32.39
groin region (abdominal wall)	thoracoscopic 32.30
(inguinal) 54.3	endoscopic 32.28
skin 86.3	thoracoscopic 32.20
subcutaneous tissue 86.3	lymph structure(s) (channel) (vessel)
gum 24.31	NEC 40.29
heart <u>37.34</u>	nodesee Excision, lymph, node
Cox-maze, open 37.33	mammary duct <u>85.21</u>
maze, modified, endovascular 37.34	mastoid (bone) 20.49
maze, modified, open 37.33	mediastinum <u>34.3</u>
open 37.33	meninges (cerebral) <u>01.51</u>
other approach, closed 37.34	spinal <u>03.4</u>
hepatic duct 51.69	mesentery <u>54.4</u>
inguinal canal <u>54.3</u>	middle ear <u>20.51</u>
intestine	mouth NEC <u>27.49</u>
large <u>45.41</u>	muscle <u>83.32</u>
endoscopic NEC <u>45.43</u>	hand <u>82.22</u>
polypectomy <u>45.42</u>	ocular <u>15.13</u>
small NEC <u>45.33</u>	myocardium <u>37.33</u>
intracranial NEC <u>01.59</u>	nail <u>86.23</u>
intranasal 21.31	nasal sinus 22.60
intraspinal <u>03.4</u>	antrum 22.62
iris <u>12.42</u>	with Caldwell-Luc approach <u>22.61</u> specified approach NEC <u>22.62</u>
jaw <u>76.2</u>	ethmoid 22.63
dental 24.4	frontal 22.42
joint <u>80.80</u> ankle <u>80.87</u>	maxillary 22.62
elbow 80.82	with Caldwell-Luc approach 22.61
foot and toe <u>80.88</u>	specified approach NEC 22.62
hand and finger 80.84	sphenoid 22.64
hip <u>80.85</u>	nasopharynx 29.3
knee 80.86	nerve (cranial) (peripheral) 04.07
shoulder 80.81	sympathetic 05.29
specified site NEC 80.89	nonodontogenic 24.31
spine <u>80.89</u>	nose <u>21.30</u>
wrist <u>80.83</u>	intranasal 21.31
kidney 55.39	polyp <u>21.31</u>
with partial nephrectomy <u>55.4</u>	skin <u>21.32</u>
labia <u>71.3</u>	specified site NEC 21.32
	odontogenic 24 4



Excision -lesionCont.	Excision -lesionCont.
omentum <u>54.4</u>	skin <u>86.3</u>
orbit <u>16.92</u>	breast <u>85.21</u>
ovary <u>65.29</u>	nose <u>21.32</u>
by wedge resection <u>65.22</u>	radical (wide) (involving underlying
laparoscopic <u>65.24</u>	or adjacent structure) (with flap
that by laparoscope 65.25	closure) <u>86.4</u>
palate (bony) 27.31	scrotum 61.3
by wide excision 27.32	skull 01.6
soft 27.49	soft tissue NEC <u>83.39</u>
pancreas (local) 52.22	hand 82.29
endoscopic 52.21	spermatic cord 63.3
parathyroid 06.89	sphincter of Oddi 51.62
parotid gland or duct NEC <u>26.29</u>	endoscopic 51.64
pelvic wall 54.3	spinal cord (meninges) 03.4
pelvirectal tissue 48.82	spleen (cyst) 41.42
penis 64.2	stomach NEC 43.42
pericardium 37.31	endoscopic 43.41
perineum (female) 71.3	polyp 43.41
male <u>86.3</u>	polyp (endoscopic) 43.41
periprostatic tissue 60.82	subcutaneous tissue 86.3
perirectal tissue 48.82	breast 85.21
perirenal tissue 59.91	subgingival 24.31
peritoneum 54.4	sweat gland 86.3
perivesical tissue 59.91	tendon <u>83.39</u>
pharynx 29.39	hand 82.29
diverticulum 29.32	ocular 15.13
pineal gland 07.53	sheath 83.31
pinna 18.29	hand 82.21
radical 18.31	testis 62.2
pituitary (gland)see also	thorax 34.4
Hypophysectomy, partial <u>07.63</u>	thymus
by stereotactic radiosurgery 92.30	partial (open) (other) 07.81
cobalt 60 92.32	thoracoscopic 07.83
linear accelerator (LINAC) 92.31	total (open) (other) 07.82
multi-source 92.32	thoracoscopic 07.84
particle beam <u>92.33</u>	thyroid <u>06.31</u>
particulate 92.33	substernal or transsternal route 06.51
radiosurgery NEC 92.39	tongue 25.1
single source photon 92.31	tonsil 28.92
pleura 34.59	trachea 31.5
pouch of Douglas 70.32	tunica vaginalis 61.92
preauricular (ear) 18.21	ureter 56.41
presacral 54.4	urethra 58.39
prostate (transurethral) 60.61	endoscopic 58.31
pulmonary (fibrosis) 32.29	uterine ligament 69.19
endoscopic 32.28	uterosacral ligament 69.19
thoracoscopic 32.20	uterus <u>68.29</u>
rectovaginal septum <u>48.82</u>	vagina <u>70.33</u>
rectum 48.35	vein <u>38.60</u>
polyp (endoscopic) 48.36	abdominal 38.67
retroperitoneum 54.4	head and neck NEC 38.62
salivary gland or duct NEC 26.29	intracranial NEC 38.61
en bloc 26.32	lower limb 38.69
sclera <u>12.84</u>	thoracic NEC 38.65
scrotum 61.3	upper limb 38.63
sinus (nasal)see Excision, lesion,	ventricle (heart) 37.33
nasal sinus	vocal cords 30.09
Skene's gland 71.3	vulva 71.3

ExcisionCont.	Excision -lymphCont.
ligamentsee also Arthrectomy 80.90	iliac 40.29
broad 69.19	radical 40.53
round 69.19	regional (extended) 40.3
uterine 69.19	inguinal (deep) (superficial) 40.24
uterosacral <u>69.19</u> ligamentum flavum (spine) <i>omit code</i>	radical <u>40.54</u> regional (extended) 40.3
lingual tonsil <u>28.5</u>	jugularsee Excision, lymph, node,
lip <u>27.43</u>	cervical
liver (partial) 50.22	mammary (internal) 40.22
loose body	external <u>40.29</u>
bonesee Sequestrectomy, bone	radical <u>40.59</u>
joint 80.10	regional (extended) 40.3
lung (with mediastinal dissection)	radical <u>40.59</u>
32.59	regional (extended) 40.3
accessory or ectopic tissue 32.29	paratrachealsee Excision, lymph,
endoscopic 32.28	node, cervical
thoracoscopic 32.20	periaortic 40.29
segmental <u>32.3</u>	radical <u>40.52</u>
thoracoscopic $32.30$	regional (extended) <u>40.3</u>
specified type NEC <u>32.29</u>	radical <u>40.50</u>
endoscopic <u>32.28</u>	with mastectomy
thoracoscopic <u>32.20</u>	see Mastectomy, radical
thoracoscopic <u>32.50</u>	specified site NEC 40.59
volume reduction surgery 32.22	regional (extended) <u>40.3</u>
wedge <u>32.29</u>	sternal <i>see</i> Excision, lymph, node,
thoracoscopic <u>32.20</u>	mammary
lymph, lymphatic	structure(s) (simple) NEC 40.29
drainage area <u>40.29</u>	radical <u>40.59</u>
radicalsee Excision, lymph, node,	regional (extended) <u>40.3</u>
radical	lymphangioma (simple)see also Excision
regional (with lymph node, skin,	lymph, lymphatic, node, <u>40.29</u>
subcutaneous tissue, and fat) 40.3	lymphocele <u>40.29</u>
node (simple) NEC <u>40.29</u>	mastoidsee also Mastoidectomy 20.49
with	median bar, transurethral approach <u>60.29</u>
lymphatic drainage area	meibomian gland <u>08.20</u>
(including skin,subcutaneous	meniscus (knee) <u>80.6</u>
tissue, and fat) 40.3	acromioclavicular <u>80.91</u>
mastectomysee Mastectomy,	jaw <u>76.5</u>
radical	sternoclavicular 80.91
muscle and deep fasciasee	temporomandibular (joint) 76.5
Excision, lymph, node, radical	wrist <u>80.93</u>
axillary 40.23	mullerian duct cyst <u>60.73</u>
radical <u>40.51</u>	muscle <u>83.45</u>
regional (extended) 40.3	for graft <u>83.43</u>
cervical (deep) (with excision of	hand 82.34
scalene fat pad) 40.21	hand <u>82.36</u>
with laryngectomy 30.4	for graft <u>82.34</u>
radical (including muscle and	myositis ossificans 83.32
deep fascia) 40.40	hand 82.22
bilateral 40.42	nail (bed) (fold) <u>86.23</u>
unilateral 40.41	nasolabial cyst 27.49
regional (extended) 40.3	nasopalatine cyst 27.31
superficial 40.29	by wide excision 27.32
groin 40.24	neoplasmsee Excision, lesion, by site
radical 40.54	nerve (cranial) (peripheral) NEC <u>04.07</u>
regional (extended) 40.3	sympathetic <u>05.29</u>
-3 \	- ,p



neuroma(Morton's)(peripheral nerve) 0.4.07 acoustic by craniotomy 04.01 by stereotactic radiosurgery 92.30 cobalt 60 92.32 linear accelerator (IUNAC) 92.31 multi-source 92.32 particle beam 92.33 particulate 92.33 radiosurgery NEC 92.39 single source photon 92.31 sympathetic nerve 05.29 nipple 85.25 accessory 85.24 odontoma 24.4 orbital contentssee also Exenteration, orbit 16.59 osteochondritis dissecanssee also Excision, lesion, joint 80.80 ovarysee also Ostonorectomy partial 65.29 by wedge resection 65.22 laparoscopic 65.24 that by laparoscope 65.25 panceas (total) (with synchronous duodenectomy) 52.6 partial NEC 52.59 distal (tail) (with part of body) (with synchronous duodenectomy) 52.61 radical subtotal 52.53 radical (one-stage) (two-stage) 52.7 subtotal 52.53 paramesonephric duct 69.19 parathyroid gland (partial) (subtotal) NECsee also Parathyroidectomy 66.89 parotid glandsee also Excision, salivary gland 26.30 parovarian cyst 69.19 patella (complete) (total) 0.7.54 partial Q1.53 pituitary gland (complete) (total)see also Hypophysectomy 07.69 pleura NEC 34.59 polynsee also Excision, lesion, by site esophagus 42.32 endoscopic 45.42 nendoscopic 45.42 nendoscopic 45.42 nendoscopic 45.42 nendoscopic 45.42 nendoscopic 45.42 nendoscopic 48.36 stomach (endoscopic) 45.41 endoscopic 45.42 nose 21.31 rectum (endoscopic) 48.36 stomach	Excision -pancreasCont.	ExcisionCont.
by stereotactic radiosurgery 92.30 cobalt 60 92.32 linear accelerator (kINAC) 92.31 multi-source 92.32 particle beam 92.33 particulate 92.33 radiosurgery NEC 92.39 single source photon 92.31 sympathetic nerve 05.29 nipple 85.25 accessory 85.24 odontoma 24.4 endoscopic 45.42 norbital contents "see also Exenteration, orbit 16.59 osteochondritis dissecans "see also Excision, lesion, joint 80.80 ovary "see also Ophorectomy partial 65.29 by wedge resection 65.22 laparoscopic 65.24 that by laparoscope 65.25 proximal (head) (with synchronous duodenectomy) 52.6 partial NEC 52.59 distal (tail) (with part of body) (with synchronous duodenectomy) 52.51 radical subtotal 52.53 radical (one-stage) (two-stage) 52.7 subtotal 52.53 paramesonephric duct 69.19 partally (complete) 77.96 partial 77.86 pelvirectal tissue 49.04 skin tags 49.03 pericardial adhesions 37.31 periprostatic tissue 69.91 periurethral tissue 48.82 perirental tissue 48.82 perirectal tissue 48.82 perirectal tissue 48.82 perirectal tissue 48.82 perirectal tissue 60.82 perirectal tissue 60.82 perirectal tissue 60.82 periversical tissue 50.91 periourshalt tissue 60.82 perirevestal tissue 60.83 pharyny (partial) 29.33 plonoidal cyst or sinus (open) (with partial closure) 86.21	neuroma(Morton's)(peripheral nerve) 04.07	pineal gland (complete) (total) <u>07.54</u>
by stereotactic radiosurgery 92.30 cobalt 60 92.32 linear accelerator (LINAC) 92.31 multi-source 92.32 particle beam 92.33 particulate 92.33 particulate 92.33 particulate 92.33 particulate 92.33 particulate 92.33 single source photon 92.31 sympathetic nerve 05.29 nipple 85.25 accessory 85.24 odontoma 24.4 orbital contentssee also Exenteration, orbit 16.59 osteochondritis dissecanssee also Excision, lesion, joint 80.80 ovarysee also Oophorectomy partial 65.29 by wedge resection 65.22 laparoscopic 65.24 that by laparoscope 65.25 Pancoast tumor (lung) 32.6 partial NCC 52.59 distal (tail) (with part of body) (with synchronous duodenectomy) 52.6 partial NCC 52.59 distal (tail) (with part of body) (with synchronous duodenectomy) 52.5 radical subtotal 52.53 radical (one-stage) (two-stage) 52.7 subtotal 52.53 paramesonephric duct 69.19 partal 77.86 partial 77.86 partial 77.86 partial 77.86 partial 77.86 perivirectal tissue 48.82 perirental tissue 48.82 perirental tissue 48.82 perirental tissue 60.82 perirestal tissue 60.82 perirestal tissue 60.82 perirestal tissue 60.82 perirestal tissue 59.91 perturous apex cells 20.59 pharyngeal bands 29.54 pharynx (partial) 29.33 pilonidal cyst or sinus (open) (with partial closure) 86.21	acoustic	partial <u>07.53</u>
cobalt 60 92.32 linear accelerator (LINAC) 92.31 multi-source 92.32 particle beam 92.33 particulate 92.33 radiosurgery NEC 92.39 single source photon 92.31 sympathetic nerve 95.29 nipple 85.25 accessory 85.24 odontoma 24.4 orbital contentssee also Exenteration, orbit 16.59 osteochondritis dissecanssee also Excision, lesion, joint 80.80 ovarysee also Optorectomy partial 65.29 by wedge resection 65.22 laparoscopic 65.24 that by laparoscope 65.25 parceast tumor (lung) 32.6 pancreas (total) (with synchronous duodenectomy) 52.6 partial NEC 52.59 distal (tail) (with part of body) (with synchronous duodenectomy) 52.6 partial (lone-stage) (two-stage) 52.7 subtotal 52.53 pramesonephric duct 69.19 parathyroid gland (partial) 25.53 radical (one-stage) (two-stage) 52.7 subtotal 52.63 paramesonephric duct 69.19 parathyroid glandsee also Excision, salivary gland 26.30 parovarian cyst 69.19 patial 77.86 partial 77.86 partial 77.86 partial 77.86 periviectal tissue 48.82 perirental tissue 48.82 perirental tissue 48.82 perirental tissue 48.82 perirental tissue 48.82 perirectal tissue 48.82 perirental tissue 50.82 periversital tissue 50.82 periversital tissue 50.91 pertous apex cells 20.59 pharyngeal bands 29.54 pharynx (partial) 29.33 pilonidal cyst or sinus (open) (with partial closure) 86.21	by craniotomy 04.01	pituitary gland (complete) (total)
linear accelerator (LINAC) 92.31 multi-source 92.32 particle beam 92.33 particulate 92.33 particulate 92.33 particulate 92.33 particulate 92.33 single source photon 92.31 sympathetic nerve 95.29 nipple 85.25 accessory 85.24 odontoma 24.4 orbital contentssee also Exenteration, orbit 16.59 osteochondritis dissecanssee also Excision, lesion, joint 80.80 ovarysee also Oophorectomy partial 65.29 by wedge resection 65.22 laparoscopic 65.24 that by laparoscope 65.25 Pancoast tumor (lung) 32.6 parcest (total) (with synchronous duodenectomy) 52.6 partial NEC 52.59 distal (tail) (with part of body) (with synchronous duodenectomy) 52.51 radical subtotal 52.53 radical (one-stage) (two-stage) 52.7 subtotal 52.53 paramesonephric duct 69.19 parathyroid gland (partial) (subtotal) NECsee also Parathyroidectomy 06.89 parotid glandsee also Excision, solivary 45.31 periparation (loss) 48.36 stomach (endoscopic) 43.41 preparatiolar appendage (remnant) 18.29 cyst, fistula, or sinus (congenital) 18.21 remnant 18.29 rolapsed iris (in wound) 12.13 rectum (endoscopic 45.42 nose 21.31 rectum (endoscopic 45.42 nose 21.31 rectum (	by stereotactic radiosurgery 92.30	see also Hypophysectomy <u>07.69</u>
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E state of Control	L. E. M. C. J.
ExcisionCont.	ExcisionCont.
sinussee also Excision, lesion, by site	tooth NECsee also Removal, tooth,
nasalsee Sinusectomy	surgical 23.19
pilonidal <u>86.21</u>	from nasal sinus <u>22.60</u>
preauricular (ear) (radical) <u>18.21</u>	torus
tarsi <u>80.88</u>	lingual <u>76.2</u>
thyroglossal (with resection of hyoid	mandible, mandibularis <u>76.2</u>
bone) <u>06.7</u>	palate, palatinus <u>27.31</u>
urachal (bladder) <u>57.51</u>	by wide excision 27.32
abdominal wall <u>54.3</u>	trabeculae carneae cordis (heart) <u>35.35</u>
Skene's gland <u>71.3</u>	trochanteric lipomatosis <u>86.83</u>
skin (local) <u>86.3</u>	tumorsee Excision, lesion, by site
for graft (with closure of donor site)	ulcersee also Excision, lesion, by site
<u>86.91</u>	duodenum <u>45.31</u>
radical (wide) (involving underlying or	endoscopic <u>45.30</u>
adjacent structure) (with flap	stomach <u>43.42</u>
closure) <u>86.4</u>	endoscopic <u>43.41</u>
tags	umbilicus <u>54.3</u>
perianal <u>49.03</u>	urachus, urachal (cyst) (bladder) <u>57.51</u>
periauricular <u>18.29</u>	abdominal wall <u>54.3</u>
soft tissue NEC <u>83.49</u>	ureter, ureteral <u>56.40</u>
hand <u>82.39</u>	with nephrectomysee Nephrectomy
spermatocele <u>63.2</u>	partial <u>56.41</u>
spinous process <u>77.89</u>	stricture <u>56.41</u>
spleen (total) <u>41.5</u>	total <u>56.42</u>
accessory <u>41.93</u>	ureterocele <u>56.41</u>
partial <u>41.43</u>	urethra, urethral <u>58.39</u>
stomachsee Gastrectomy	endoscopic <u>58.31</u>
sublingual gland (salivary)see also	with complete cystectomy <u>57.79</u>
Excision, salivary gland <u>26.30</u>	septum <u>58.0</u>
submaxillary glandsee also Excision,	stricture <u>58.39</u>
salivary gland <u>26.30</u>	endoscopic <u>58.31</u>
supernumerary	valve (congenital) <u>58.39</u>
breast <u>85.24</u>	endoscopic (transurethral)
digits <u>86.26</u>	(transvesical) <u>58.31</u>
sweat gland <u>86.3</u>	urethrovaginal septum 70.33
synechiaesee also Lysis, synechiae	uterus (corpus)see also Hysterectomy
endometrial 68.21	<u>68.9</u>
tarsal plate (eyelid) 08.20	cervix <u>67.4</u>
by wedge resection <u>08.24</u>	lesion <u>67.39</u>
tattoo 86.3	lesion <u>68.29</u>
by dermabrasion 86.25	septum <u>68.22</u>
tendon (sheath) 83.42	uvula <u>27.72</u>
for graft <u>83.41</u>	vagina (total) 70.4
hand <u>82.32</u> hand 82.33	varicocele, spermatic cord <u>63.1</u> vein <i>see also</i> Phlebectomy <u>38.60</u>
for graft <u>82.32</u>	varicose <u>38.50</u>
thymussee also Thymectomy <u>07.80</u>	abdominal <u>38.57</u>
thyroglossal duct or tract (with resection	head and neck NEC 38.52
of hyoid bone) 06.7	intracranial NEC 38.51
thyroid NECsee also Thyroidectomy <u>06.39</u>	lower limb 38.59
tongue (complete) (total) 25.3	ovarian 38.67
partial or subtotal 25.2	thoracic NEC 38.55
radical 25.4	upper limb <u>38.53</u>
tonsil 28.2	veruccasee also Excision, lesion, by site
with adenoidectomy 28.3	eyelid 08.22
lingual 28.5	vesicovaginal septum 70.33
tag 28.4	vitreous opacity 14.74
<u></u>	anterior approach 14.73



ExcisionCont.	Exploration -arteryCont.
vocal cord(s) (submucous) 30.22	head and neck NEC 38.02
vulva (bilateral) (simple)see also	intracranial NEC <u>38.01</u>
Vulvectomy <u>71.62</u>	lower limb <u>38.08</u>
wartsee also Excision, lesion, by site	thoracic NEC <u>38.05</u>
eyelid <u>08.22</u>	upper limb <u>38.03</u>
wolffian duct <u>69.19</u>	auditory canal, external 18.02
xanthoma (tendon sheath, hand) <u>82.21</u>	axilla <u>86.09</u>
site other than hand <u>83.31</u>	bile duct(s) <u>51.59</u>
Excisional biopsysee Biopsy	common duct <u>51.51</u>
Exclusion	endoscopic <u>51.11</u>
LAA <u>37.36</u>	for
left atrial appendage <u>37.36</u>	relief of obstruction <u>51.42</u>
percutaneous <u>37.36</u>	endoscopic <u>51.84</u>
TigerPaw™ System <u>37.36</u>	removal of calculus <u>51.41</u>
pyloric	endoscopic 51.88
laparoscopic <u>44.38</u>	laparoscopic <u>51.11</u>
open <u>44.39</u>	for relief of obstruction <u>51.49</u>
Exenteration	endoscopic <u>51.84</u>
ethmoid air cells <u>22.63</u>	bladder (by incision) <u>57.19</u>
orbit <u>16.59</u>	endoscopic <u>57.32</u>
with	through stoma (artificial) 57.31
removal of adjacent structures 16.51	bonesee also Incision, bone 77.10
temporalis muscle transplant 16.59	brain (tissue) <u>01.39</u>
therapeutic removal of bone 16.52	breast <u>85.0</u>
pelvic (organs) (female) <u>68.8</u>	bronchus 33.0
male <u>57.71</u>	endoscopicsee Bronchoscopy
petrous pyramid air cells 20.59	bursa <u>83.03</u>
Exercise (physical therapy) NEC 93.19	hand 82.03
active musculoskeletal NEC <u>93.12</u>	carotid body <u>39.89</u> carpal tunnel 04.43
assisting 93.11 in pool 93.31	choroid 14.9
breathing 93.18	ciliary body <u>12.44</u>
musculoskeletal	colon 45.03
active NEC 93.12	common bile duct 51.51
passive NEC 93.17	endoscopic 51.11
neurologic 89.13	for
passive musculoskeletal NEC 93.17	relief of obstruction 51.42
resistive 93.13	endoscopic 51.84
Exfoliation, skin, by chemical 86.24	removal of calculus 51.41
<b>Exostectomy</b> see also Excision, lesion,	endoscopic 51.88
bone 77.60	coronary artery 36.99
first metatarsal (hallux valgus repair)	cranium 01.24
see Bunionectomy	cul-de-sac 70.12
hallux valgus repair (with wedge	endoscopic 70.22
osteotomy)see Bunionectomy	disc space 03.09
Expiratory flow rate 89.38	duodenum <u>45.01</u>
Explant, explantation see Removal	endoscopicsee Endoscopy, by site
<b>Exploration</b> see also Incision	epididymis <u>63.92</u>
abdomen <u>54.11</u>	esophagus (by incision) NEC 42.09
abdominal wall <u>54.0</u>	endoscopicsee Esophagoscopy
adrenal (gland) <u>07.41</u>	ethmoid sinus <u>22.51</u>
field <u>07.00</u>	eyelid <u>08.09</u>
bilateral <u>07.02</u>	fallopian tube <u>66.01</u>
unilateral <u>07.01</u>	fascia <u>83.09</u>
artery <u>38.00</u>	hand <u>82.09</u>
abdominal <u>38.06</u>	flank <u>54.0</u>
aorta (arch) (ascending) (descending)	fossa (superficial) NEC <u>86.09</u>
<u>38.04</u>	pituitary <u>07.71</u>

ExplorationCont.	ExplorationCont.
frontal sinus 22.41	periprostatic tissue 60.81
frontonasal duct <u>96.21</u>	perirenal tissue 59.09
gallbladder 51.04	perivesical tissue 59.19
groin (region) (abdominal wall) (inguinal) 5	
skin and subcutaneous tissue <u>86.09</u>	pilonidal sinus <u>86.03</u>
heart <u>37.11</u>	pineal (gland) <u>07.52</u>
hepatic duct <u>51.59</u>	field <u>07.51</u>
hypophysis <u>07.72</u>	pituitary (gland) <u>07.72</u>
ileum <u>45.02</u>	fossa <u>07.71</u>
inguinal canal (groin) <u>54.0</u>	pleura <u>34.09</u>
intestine (by incision) NEC 45.00	popliteal space <u>86.09</u>
large <u>45.03</u>	prostate <u>60.0</u>
small <u>45.02</u>	rectumsee also Proctoscopy 48.23
intrathoracic 34.02	by incision 48.0
jejunum <u>45.02</u>	retroperitoneum <u>54.0</u>
joint structuressee also Arthrotomy 80.10	retropubic <u>59.19</u>
kidney <u>55.01</u>	salivary gland 26.0
pelvis <u>55.11</u>	sclera (by incision) 12.89
labia 71.09	scrotum 61.0
lacrimal	shunt
gland <u>09.0</u>	ventriculoperitoneal at
sac <u>09.53</u>	peritoneal site 54.95
laparotomy site 54.12	ventricular site <u>02.41</u>
larynx (by incision) 31.3	sinus
endoscopic <u>31.42</u>	ethmoid 22.51
liver <u>50.0</u>	frontal <u>22.41</u>
lung (by incision) 33.1	maxillary (Caldwell-Luc approach) <u>22.39</u>
lymphatic structure(s) (channel) (node)	sphenoid <u>22.52</u>
(vessel) <u>40.0</u>	tract,skin and subcutaneous tissue <u>86.09</u>
mastoid <u>20.21</u>	skin <u>86.09</u>
maxillary antrum or sinus (Caldwell-Luc	soft tissue NEC <u>83.09</u>
approach) <u>22.39</u>	hand <u>82.09</u>
mediastinum 34.1	spermatic cord 63.93
endoscopic <u>34.22</u>	sphenoidal sinus <u>22.52</u>
middle ear (transtympanic) 20.23	spinal (canal) (nerve root) <u>03.09</u>
muscle <u>83.02</u>	spleen 41.2
hand 82.02	stomach (by incision) 43.0
necksee also Exploration, thyroid 06.09	endoscopicsee Gastroscopy
nerve (cranial) (peripheral) NEC <u>04.04</u>	subcutaneous tissue 86.09
auditory 04.01	subdiaphragmatic space 54.11
root (spinal) <u>03.09</u>	superficial fossa 86.09
nose 21.1	tarsal tunnel 04.44
orbitsee also Orbitotomy 16.09	tendon (sheath) <u>83.01</u>
pancreas <u>52.09</u>	
	hand <u>82.01</u>
endoscopic <u>52.13</u>	testes <u>62.0</u>
pancreatic duct <u>52.09</u>	thymus (gland) <u>07.92</u>
endoscopic <u>52.13</u>	field <u>07.91</u>
pelvis (by laparotomy) <u>54.11</u>	thoracoscopic <u>07.95</u>
by colpotomy <u>70.12</u>	thyroid (field) (gland) (by incision) <u>06.09</u>
penis <u>64.92</u>	postoperative <u>06.02</u>
perinephric area <u>59.09</u>	trachea (by incision) 31.3
perineum (female) <u>71.09</u>	endoscopicsee Tracheoscopy
male <u>86.09</u>	tunica vaginalis <u>61.0</u>
peripheral vessels	tympanum <u>20.09</u>
lower limb	transtympanic route 20.23
artery <u>38.08</u>	ureter (by incision) <u>56.2</u>
vein <u>38.09</u>	endoscopic <u>56.31</u>
upper limb (artery) (vein) 38.03	



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ExplorationCont.	Extracorporeal -ESWLCont
urethra (by incision) <u>58.0</u>	renal pelvis <u>98.51</u>
endoscopic <u>58.22</u>	specified site NEC <u>98.59</u>
uterus (corpus) <u>68.0</u>	ureter <u>98.51</u>
cervix <u>69.95</u>	Extracranial-intracranial bypass [EC-IC]
digital <u>68.11</u>	<u>39.28</u>
postpartal, manual <u>75.7</u>	Extraction
vagina (by incision) 70.14	breech (partial) 72.52
endoscopic 70.21	with forceps to aftercoming head 72.51
vas deferens <u>63.6</u>	total <u>72.54</u>
vein <u>38.00</u>	with forceps to aftercoming head
abdominal <u>38.07</u>	72.53
head and neck NEC <u>38.02</u>	cataract <u>13.19</u>
intracranial NEC <u>38.01</u>	after cataract (by)
lower limb <u>38.09</u>	capsulectomy <u>13.65</u>
thoracic NEC <u>38.05</u>	capsulotomy <u>13.64</u>
upper limb <u>38.03</u>	discission <u>13.64</u>
vulva (by incision) <u>71.09</u>	excision <u>13.65</u>
Exposuresee also Incision, by site	iridocapsulectomy <u>13.65</u>
tooth (for orthodontic treatment) 24.6	mechanical fragmentation 13.66
Expression, trachoma follicles 10.33	needling <u>13.64</u>
Exsanguination transfusion 99.01	phacofragmentation(mechanical)
Extension	<u>13.66</u>
buccolabial sulcus <u>24.91</u>	aspiration (simple) (with irrigation) 13.3
limb, forced 93.25	cryoextraction (intracapsular approach)
lingual sulcus <u>24.91</u>	<u>13.19</u>
mandibular ridge <u>76.43</u>	temporal inferior route (in presence
Exteriorization	of fistulization bleb) 13.11
esophageal pouch <u>42.12</u>	curette evacuation (extracapsular
intestine <u>46.03</u>	approach) <u>13.2</u>
large <u>46.03</u>	emulsification (and aspiration) 13.41
small <u>46.01</u>	erysiphake (intracapsular approach) <u>13.19</u>
maxillary sinus <u>22.9</u>	temporal inferior route (in presence
pilonidal cyst or sinus (open excision)	of fistulization bleb) 13.11
(with partial closure) <u>86.21</u>	extracapsular approach (with
Extirpationsee also Excision, by site	iridectomy) NEC <u>13.59</u>
aneurysmsee Aneurysmectomy	by temporal inferior route (in presence
arteriovenous fistulasee Aneurysmectomy	of fistulization bleb) 13.51
lacrimal sac <u>09.6</u>	aspiration(simple)(with irrigation) <u>13.3</u>
larynx <u>30.3</u>	curette evacuation <u>13.2</u>
with radical neck dissection (with	emulsification (and aspiration) <u>13.41</u>
synchronous thyroidectomy) (with	linear extraction <u>13.2</u>
synchronous tracheostomy) <u>30.4</u>	mechanical fragmentation with
nerve, tooth <i>see also</i> Therapy,	aspiration by
root canal <u>23.70</u>	posterior route <u>13.42</u>
varicose vein(peripheral)(lower limb) <u>38.59</u>	specified route NEC <u>13.43</u>
upper limb <u>38.53</u>	phacoemulsification (ultrasonic)
Extracorporeal	(with aspiration) 13.41
circulation(regional),except hepatic <u>39.61</u>	phacofragmentation (mechanical)
hepatic <u>50.92</u>	with aspiration by
percutaneous <u>39.66</u>	posterior route 13.42
hemodialysis <u>39.95</u>	specified route NEC <u>13.43</u>
membrane oxygenation (ECMO) 39.65	ultrasonic (with aspiration) 13.41
photopheresis, therapeutic 99.88	rotoextraction (mechanical) with
shockwave lithotripsy (ESWL) NEC <u>98.59</u>	aspiration by
bile duct <u>98.52</u>	posterior route 13.42
bladder <u>98.51</u>	specified route NEC <u>13.43</u>
gallbladder <u>98.52</u>	
kidney <u>98.51</u>	

Fortunation actions Court
Extraction -cataractCont.
intracapsular (combined) (simple) (with
iridectomy) (with suction) (with
zonulolysis) <u>13.19</u>
by temporal inferior route (in presence
of fistulization bleb) 13.11
linear extraction (extracapsular approach
13.2
phacoemulsification (and aspiration) 13.4
phacofragmentation (mechanical)
with aspiration by
posterior route 13.42
specified route NEC <u>13.43</u>
ultrasonic <u>13.41</u>
rotoextraction (mechanical)
with aspiration by
posterior route <u>13.42</u>
specified route NEC <u>13.43</u>
secondary membranous (after
cataract) (by)
capsulectomy <u>13.65</u>
capsulotomy <u>13.64</u>
discission 13.64
excision 13.65
iridocapsulectomy 13.65
mechanical fragmentation 13.66
needling 13.64
phacofragmentation(mechanical)
13.66
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Extraction ----Cont.
  common duct stones (percutaneous)
      (through sinus tract)(with basket)
      51.96
  fat for graft or banking 86.90
  foreign body --see Removal, foreign
      body
  kidney stone(s), percutaneous 55.03
    with fragmentation procedure 55.04
  lens (eye) --see also Extraction, cataract
      13.19
  Malstrom's 72.79
    with episiotomy 72.71
  menstrual, menses 69.6
  milk from lactating breast (manual)
      (pump) 99.98
  tooth (by forceps) (multiple) (single)
      NEC 23.09
    with mucoperiosteal flap elevation
         23.19
     deciduous 23.01
    surgical NEC --see also Removal,
         tooth, surgical 23.19
  vacuum, fetus 72.79
    with episiotomy 72.71
  vitreous --see also Removal, vitreous
      14.72
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## F

Face lift <u>86.82</u>
Facetectomy <u>77.89</u>
Facilitation,intraocular circulation NEC
<u>12.59</u>
Failed (trial) forceps 73.3
Family
counselling (medical) (social) 94.49
therapy <u>94.42</u>
Farabeuf operation(ischiopubiotomy) 77.39
Fasanella-Servatt operation
(blepharoptosis repair) 08.35
Fasciaplasty see Fascioplasty
Fascia sling operationsee Operation, sling
Fasciectomy 83.44
for graft 83.43
hand <u>82.34</u>
hand <u>82.35</u>
for graft 82.34
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contracture) <u>82.35</u>
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hand <u>82.89</u>
Fascioplastysee also Repair, fascia 83.89
handsee also Repair, fascia, hand 82.89
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Fasciotomy 83.14
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with excision 82.35
Dwyer 83.14
hand 82.12
Ober-Yount 83.14
orbitalsee also Orbitotomy 16.09
palmar (release of Dupuytren's
contracture) 82.12
with excision 82.35
Fenestration
aneurysm(dissecting),thoracic aorta 39.54
aortic aneurysm 39.54
cardiac valve 35.10
chest wall 34.01
ear
inner (with graft) 20.61
revision 20.62
tympanic 19.55
labyrinth (with graft) 20.61
Lempert's (endaural) 19.9
operation (aorta) 39.54
oval window, ear canal 19.55
palate 27.1
pericardium <u>37.12</u>
semicircular canals (with graft) 20.61
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FenestrationCont
tympanic membrane <u>19.55</u>
vestibule (with graft) 20.61
Ferguson operation (hernia repair) <u>53.00</u>
Fetography <u>87.81</u>
Fetoscopy <u>75.31</u>
Fiberoscopysee Endoscopy, by site
Fibroidectomy, uterine <u>68.29</u>
Fick operation (perforation of foot plate) 19.0
Filipuncture (aneurysm) (cerebral) 39.52
Filleting
hammer toe <u>77.56</u>
pancreas <u>52.3</u>
Filling, tooth (amalgam)(plastic)(silicate) 23.2
root canalsee also Therapy,root canal 23.70
Fimbriectomysee also Salpingectomy, partial
<u>66.69</u>
Uchida (with tubal ligation) 66.32
Finney operation (pyloroplasty) 44.29
issurectomy, anal <u>49.39</u>
endoscopic <u>49.31</u>
skin (subcutaneous tissue) 49.04
Fistulectomysee also Closure, fistula, by site
abdominothoracic 34.83
abdominouterine <u>69.42</u>
anus <u>49.12</u>
appendix <u>47.92</u>
bile duct <u>51.79</u>
biliary tract NEC <u>51.79</u>
bladder (transurethral approach) <u>57.84</u>
bonesee also Excision, lesion, bone 77.60
branchial cleft <u>29.52</u>
bronchocutaneous <u>33.42</u>
bronchoesophageal 33.42
bronchomediastinal <u>34.73</u>
bronchopleural <u>34.73</u>
bronchopleurocutaneous <u>34.73</u>
bronchopleuromediastinal 34.73
bronchovisceral <u>33.42</u>
cervicosigmoidal <u>67.62</u>
cholecystogastroenteric <u>51.93</u>
cornea <u>11.49</u>
diaphragm <u>34.83</u>
enterouterine <u>69.42</u>
esophagopleurocutaneous 34.73
esophagus NEC <u>42.84</u>
fallopian tube <u>66.73</u>
gallbladder 51.93
gastric NEC <u>44.63</u>
hepatic duct 51.79
hepatopleural <u>34.73</u>
hepatopulmonary 34.73

FistulectomyCont in	FistulizationCont.
testine	cisterna chyli 40.62
large 46.76	endolymphatic sac (for decompression)
small 46.74	20.79
intestinouterine 69.42	esophagus, external 42.10
jointsee also Excision, lesion, joint 80.80	cervical 42.11
Joint See wiso Excision, resion, Joint 60.00	specified technique NEC 42.19
Iacrimal	interatrial 35.41
gland <u>09.21</u>	labyrinth (for decompression) 20.79
sac 09.6	lacrimal sac into nasal cavity 09.81
laryngotracheal 31.62	larynx 31.29
larynx 31.62	lymphatic duct, left (thoracic) 40.62
mediastinocutaneous 34.73	orbit 16.09
mouth NEC <u>27.53</u>	peritoneal <u>54.93</u>
nasal 21.82	salivary gland <u>26.49</u>
sinus 22.71	sclera 12.69
nasolabial 21.82	by trephination 12.61
nasopharyngeal 21.82	with iridectomy 12.65
oroantral 22.71	sinus, nasal NEC 22.9
oronasal 21.82	subarachnoid space <u>02.22</u>
pancreas <u>52.95</u> perineorectal 71.72	thoracic duct <u>40.62</u> trachea 31.29
perineosigmoidal 71.72	tracheoesophageal 31.95
perirectal, not opening into rectum 48.93	urethrovaginal 58.0
pharyngoesophageal 29.53	ventricle, cerebralsee also Shunt,
pharynx NEC 29.53	ventricular <u>02.22</u>
pleura <u>34.73</u>	Fistulogram
rectolabial 71.72	abdominal wall 88.03
rectourethral 58.43	chest wall 87.38
rectouterine 69.42	retroperitoneum 88.14
rectovaginal 70.73	specified site NEC <u>88.49</u>
rectovesical 57.83	Fistulotomy, anal <u>49.11</u>
rectovulvar 71.72	Fitting
rectum <u>48.73</u>	arch bars (orthodontic) 24.7
salivary (duct) (gland) 26.42	for immobilization (fracture) 93.55
scrotum <u>61.42</u>	artificial limb 84.40
skin <u>86.3</u>	contact lens 95.32
stomach NEC 44.63	denture (total) <u>99.97</u>
subcutaneous tissue 86.3	bridge (fixed) 23.42
thoracoabdominal 34.83	removable <u>23.43</u>
thoracogastric 34.83	partial (fixed) 23.42
thoracointestinal 34.83	removable <u>23.43</u>
thorax NEC <u>34.73</u>	hearing aid 95.48
trachea NEC 31.73	obturator (orthodontic) 24.7
tracheoesophageal 31.73	ocular prosthetics <u>95.34</u>
ureter <u>56.84</u>	orthodontic
urethra <u>58.43</u>	appliance 24.7
uteroenteric 69.42	obturator 24.7
uterointestinal 69.42	wiring <u>24.7</u>
uterorectal 69.42	orthotic device 93.23
uterovaginal 69.42	periodontal splint (orthodontic) <u>24.7</u>
vagina <u>70.75</u>	prosthesis, prosthetic device
vesicosigmoidovaginal <u>57.83</u>	above knee <u>84.45</u>
vocal cords 31.62	arm <u>84.43</u>
vulvorectal <u>71.72</u>	lower (and hand) <u>84.42</u>
Fistulization	upper (and shoulder) <u>84.41</u>
appendix <u>47.91</u>	below knee <u>84.46</u>
arteriovenous 39.27	hand (and lower arm) 84.42



ittingprosthesisCont	FixationCont.
leg <u>84.47</u>	ileum <u>46.62</u>
above knee <u>84.45</u>	to abdominal wall <u>46.61</u>
below knee 84.46	internal
limb NEC 84.40	with fracture reduction
ocular 95.34	see Reduction, fracture
penis (external) <u>64.94</u>	without fracture reduction
shoulder (and upper arm) 84.41	see Fixation, bone, internal
spectacles <u>95.31</u>	intestine 46.60
ive-in-one repair, knee 81.42	large 46.64
ixation	to abdominal wall 46.63
bone	small 46.62
external, without reduction 93.59	to abdominal wall 46.61
with fracture reduction	to abdominal wall 46.60
see Reduction, fracture	iris (bombé) 12.11
cast immobilization NEC <u>93.53</u>	jejunum 46.62
external fixatorsee Fixator, external	to abdominal wall 46.61
splint 93.54	jointsee Arthroplasty
traction (skeletal) NEC 93.44	kidney 55.7
intermittent 93.43	ligament
internal(without fracture reduction)	cardinal <u>69.22</u>
78.50	palpebrae <u>08.36</u>
with fracture reduction	omentum 54.74
see Reduction, fracture	parametrial 69.22
carpal, metacarpal 78.54	plaster jacket 93.51
clavicle 78.51	other cast 93.53
femur 78.55	rectum (sling) <u>48.76</u>
fibula 78.57	spine,with fusionsee also Fusion,spinal
humerus 78.52	81.00
patella 78.56	spleen <u>41.95</u>
pelvic 78.59	splint 93.54
•	tendon 83.88
phalanges (foot) (hand) <u>78.59</u> radius <u>78.53</u>	hand 82.85
scapula 78.51	testis in scrotum 62.5
specified site NEC <u>78.59</u>	tongue <u>25.59</u>
tarsal, metatarsal 78.58	urethrovaginal (to Cooper's ligament) 70.77
thorax (ribs) (sternum) 78.51	with graft or prosthesis 70.78
sternal fixation device with rigid	uterus (abdominal) (vaginal) (ventrofixation)
plates 84.94	69.22
tibia 78.57	vagina 70.77
ulna 78.53	with graft or prosthesis 70.78
vertebrae <u>78.59</u>	Fixator, external
breast (pendulous) 85.6	computer assisted (dependent) 84.73
cardinal ligaments 69.22	hybrid device or system 84.73
cervical collar 93.52	Ilizarov type 84.72
	monoplanar system 84.71
duodenum <u>46.62</u> to abdominal wall <u>46.61</u>	ring device or system 84.72
external (without manipulation for	Sheffield type 84.72
reduction) 93.59	Flooding (psychologic desensitization) 94.33
with fracture reduction	Flowmetry, Doppler (ultrasonic)see also
see Reduction, fracture	
cast immobilization NEC 93.53	Ultrasonography aortic arch <u>88.73</u>
pressure dressing 93.56	head and neck 88.71
splint 93.54	heart <u>88.72</u>
strapping (non-traction) 93.59	thorax NEC 88.73
traction (skeletal) NEC <u>93.44</u>	Fluoroscopysee Radiography
intermittent 93.43	Fog therapy (respiratory) 93.94
hip <u>81.40</u>	Folding, eye muscle 15.22

Foley operation (pyeloplasty) 55.87	Formation -ilealCont.
Fontan operation(creation of conduit between	open <u>56.51</u>
right atrium and pulmonary artery) 35.94	conduit <u>56.51</u>
Foraminotomy <u>03.09</u>	interatrial fistula <u>35.42</u>
Forced extension, limb <u>93.25</u>	mucous fistulasee Colostomy
Forceps delivery see Delivery, forceps	pericardial
Formation	baffle, interatrial 35.91
adhesions	window <u>37.12</u>
pericardium <u>36.39</u>	pleural window (for drainage) 34.09
pleura 34.6	pocket
anus, artificialsee Colostomy	cardiac device (defibrillator) (pacemaker)
duodenostomy <u>46.39</u>	with initial insertion of cardiac device omit code
ileostomysee lleostomy jejunostomy 46.39	new site (skin)(subcutaneous) 37.79
percutaneous (endoscopic) (PEJ) 46.32	loop recorder 37.79
arteriovenous fistula (for kidney dialysis)	thalamic stimulator pulse generator
(peripheral) (shunt) 39.27	with initial insertion of battery
external cannula 39.93	packageomit code
cardiac device (defibrillator) (pacemaker)	new site (skin)(subcutaneous) 86.09
pocket	pupil 12.39
with initial insertion of cardiac device	by iridectomy 12.14
omit code	rectovaginal fistula 48.99
new site (skin) (subcutaneous) 37.79	reversed gastric tube (intrathoracic)
colostomysee Colostomy	(retrosternal) 42.58
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revision <u>81.97</u>	with kinetic distraction 84.53	
hip (partial) <u>81.52</u>	mammary artery	
revision NOS <u>81.53</u>	in ventricle (Vineberg) <u>36.2</u>	
acetabular and femoral	to coronary artery (single vessel) 36.15	
components (total) 00.70	double vessel <u>36.16</u>	
acetabular component only <u>00.71</u> acetabular liner and/or femoral	M-Brace™ <u>84.82</u> Mulligan hood, fallopian tube 66.93	
head only 00.73	nerve (peripheral) 04.79	
femoral component only 00.72	neuropacemakersee Implant,	
femoral head only and/or	neurostimulator, by site	
acetabular liner 00.73	neurostimulator	
partial	electrodes	
acetabular component only	brain 02.93	
<u>00.71</u>	gastric <u>04.92</u>	
acetabular liner and/or femoral	intracranial <u>02.93</u>	
head only <u>00.73</u>	peripheral nerve <u>04.92</u>	
femoral component only <u>00.72</u>	sacral nerve <u>04.92</u>	
femoral head only and/or	spine <u>03.93</u>	
acetabular liner <u>00.73</u> total (acetabular and femoral	pulse generator (subcutaneous)	
components) 00.70	<u>86.96</u> cranial 01.20	
total 81.51	multiple array 86.95	
revision (acetabular and femoral	rechargeable 86.98	
components) 00.70	single array 86.94	
interphalangeal 81.71	rechargeable 86.97	
revision <u>81.97</u>	nose <u>21.85</u>	
knee (partial) (total) <u>81.54</u>	Ommaya reservoir <u>02.22</u>	
revision NOS <u>81.55</u>	orbit <u>16.69</u>	
femoral component <u>00.82</u>	reinsertion <u>16.62</u>	
partial	outflow tract prosthesis (heart) (gusset type)	
femoral component 00.82	in	
patellar component 00.83	pulmonary valvuloplasty 35.26	
tibial component 00.81	total repair of tetralogy of Fallot 35.81	
tibial insert <u>00.84</u> patellar component <u>00.83</u>	ovary into uterine cavity <u>65.72</u> laparoscopic 65.75	
tibial component 00.81	Taparoscopic os.75	
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ImplantCont.	Implant -prosthesisCont.
pacemaker	fallopian tube (Mulligan hood)(stent)
brain -see Implant, neurostimulator,	66.93
brain	femoral head (Austin-Moore) (bipolar)
cardiac (device) (initial) (permanent)	(Eicher) (Thompson) 81.52
(replacement) 37.80	joint (Swanson type) NEC 81.96
dual-chamber device (initial) 37.83	ankle (total) 81.56
replacement 37.87	carpocarpal, carpometacarpal 81.74
resynchronization device (biventricular	elbow (total) 81.84
pacemaker) (BiV pacemaker)	finger 81.71
(CRT-P)	hand (metacarpophalangeal)
device only (initial)(replacement) 00.53	
total system (device and one or more	hip (partial) 81.52
leads) 00.50	total 81.51
transvenous lead into left ventricular	interphalangeal 81.71
coronary venous system 00.52	knee (partial) (total) 81.54
single-chamber device (initial) 37.81	revision 81.55
rate responsive 37.82	metacarpophalangeal 81.71
replacement 37.85	shoulder (partial) 81.81
rate responsive 37.86	total, NEC 81.80
temporary transvenous pacemaker	other 81.80
system 37.78	reverse 81.88
during and immediately following	toe 81.57
cardiac surgery 39.64	for hallux valgus repair 77.59
carotid sinus 39.89	wrist (partial) <u>81.74</u>
diaphragm 34.85	total 81.73
gastric 04.92	leg (bioelectric) (cineplastic) (kineplastic)
intracranialsee Implant,	84.48 lens 13.91
neurostimulator, intracranial	outflow tract (heart) (gusset type)
neural-see Implant, neurostimulator,	in
by site	to the second
peripheral nerve -see Implant,	pulmonary valvuloplasty 35.26
neurostimulator, peripheral nerve	total repair of tetralogy of Fallot 35.81
spine -see Implant,	penis (internal) (non-inflatable) 64.95
neurostimulator,spine	inflatable (internal) 64.97
pancreas (duct) 52.96	skin (dermal regenerative)(matrix) 86.67
penis, prosthesis (internal)	testicular (bilateral) (unilateral) 62.7
inflatable 64.97	pulsation balloon (phase-shift) 37.61
non-inflatable 64.95	pump, infusion 86.06
port, vascular access device 86.07	radial artery <u>36.19</u>
premaxilla 76.68	radioactive isotope 92.27
progesterone (subdermal) 99.23	radium (radon) 92.27
prosthesis, prosthetic device	retinal attachment 14.41
acetabulum (Aufranc-Turner) 81.52	with buckling <u>14.41</u> Rheos™ carotid sinus baroreflex activation
ankle (total) 81.56	
arm (bioelectric) (cineplastic)	device <u>39.81</u>
(kineplastic) 84.44	Rickham reservoir <u>02.22</u>
breast (Cronin) (Dow-Corning)	silicone
(Perras-Pappillon) (bilateral) <u>85.54</u>	breast (bilateral) 85.54
unilateral 85.53	unilateral 85.53
cochlear <u>20.96</u>	skin (for filling of defect) 86.02
channel (single) 20.97	for augmentation NEC <u>86.89</u>
multiple 20.98	spine NEC <u>84.59</u>
epiretinal visual 14.81	facet replacement device(s) 84.84
extremity (bioelectric) (cineplastic)	interspinous process decompression
(kineplastic) <u>84.40</u>	device 84.80
lower <u>84.48</u>	pedicle-based dynamic stabilization
unner 84 44	DEVICEIST 84 87



and a second control of the second
mplant -spineCont.
posterior motion preservation device(s)
see category <u>84.8</u>
stimoceiver -see Implant, neurostimulator,
by site
stimulator
electrodes
carotid sinus (baroreflex activation
device) <u>39.82</u>
with synchronous pulse
generator implantation
(total system) <u>39.81</u>
pulse generator
carotid sinus (baroreflex activation
device) <u>39.83</u>
with synchronous electrode(s)
implantation (total system) 39.81
sudural
grids <u>02.93</u>
strips <u>02.93</u>
Swanson prosthesis (joint) (silastic) NEC
81.96
carpocarpal, carpometacarpal 81.74
finger <u>81.71</u>
hand (metacarpophalangeal)
(interphalangeal) 81.71
interphalangeal 81.71
knee (partial) (total) 81.54
revision 81.55
metacarpophalangeal 81.71
toe <u>81.57</u>
for hallux valgus repair 77.59
wrist (partial) 81.74
total <u>81.73</u>
systemic arteries into myocardium
(Vineberg type operation) 36.2
Tandem™ heart <u>37.68</u>
telescope (IMT) (miniature) 13.91
testicular prosthesis (bilateral) (unilateral)
62.7
tissue expander (skin) NEC <u>86.93</u>
breast 85.95
tissue mandril (for vascular graft) 39.99
with
blood vessel repair 39.56
vascular bypass or shuntsee Bypass
vascular
tooth (bud) (germ) 23.5
prosthetic 23.6
umbrella, vena cava <u>38.7</u>
ureters into
bladder <u>56.74</u>
intestine 56.71
external diversion 56.51
skin 56.61
urethra
for repair of urinary stress incontinence
collagen 59.72
fat 50 72

<b>Implan</b> t -urethra <i>Cont.</i>
polytef <u>59.72</u>
urethral sphincter,artificial(inflatable) <u>58.93</u>
urinary sphincter, artificial(inflatable)
<u>58.93</u>
valve(s)
endovascular - <i>see</i> Replacement, heart
valve, by site
vascular access device <u>86.07</u>
vitreous (silicone) <u>14.75</u>
for retinal reattachment 14.41
with buckling <u>14.41</u>
vocal cord(s) (paraglottic) 31.98
X Stop™ 84.80
Implosion (psychologic desensitization)
<u>94.33</u>
Incision (and drainage)
with
explorationsee Exploration
removal of foreign body
see Removal, foreign body
abdominal wall 54.0
as operative approachomit code
abscesssee also Incision, by site
antecubital fossa 86.04
appendix 47.2
with appendectomy 47.09
laparoscopic 47.01
axilla <u>86.04</u>
cheek 86.04
extraperitoneal 54.0
face 86.04
gluteal 86.04
groin region (abdominal wall) (inguinal) 54.0
skin 86.04
subcutaneous tissue 86.04
hair follicle 86.04
ischiorectal 49.01
lip 27.0
nailbed or nailfold <u>86.04</u>
neck 86.04
omental <u>54.19</u>
paronychia <u>86.04</u>
perianal 49.01
perigastric 54.19
perineum (female) 71.09
male <u>86.04</u>
perisplenic 54.19
peritoneal NEC 54.19
pelvic (female) 70.12
popliteal space 86.04
retroperitoneal 54.0
sclera <u>12.89</u>
skin 86.04
subcutaneous tissue 86.04
subdiaphragmatic 54.19
subhepatic <u>54.19</u> submaxillary <u>86.04</u>
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Incision (and drainage) -abscessCont.	Incision (and drainage)Cont.
subphrenic <u>54.19</u>	brain <u>01.39</u>
supraclavicular fossa <u>86.04</u>	cortical adhesions <u>02.91</u>
vas deferens <u>63.6</u>	breast (skin) <u>85.0</u>
adrenal gland 07.41	with removal of tissue expander <u>85.96</u>
alveolus, alveolar bone 24.0	bronchus <u>33.0</u>
antecubital fossa <u>86.09</u>	buccal space <u>27.0</u>
anus NEC <u>49.93</u>	bulbourethral gland <u>58.91</u>
fistula <u>49.11</u>	bursa <u>83.03</u>
septum <u>49.91</u>	hand <u>82.03</u>
appendix 47.2	pharynx 29.0
artery <u>38.00</u>	carotid body <u>39.89</u>
abdominal 38.06	cerebral (meninges) <u>01.39</u>
aorta (arch) (ascending) (descending) 38.	od epidural or extradural space 01.24
head and neck NEC 38.02	subarachnoid or subdural space <u>01.31</u>
intracranial NEC 38.01	cerebrum <u>01.39</u>
lower limb 38.08	cervix <u>69.95</u>
thoracic NEC 38.05	to
upper limb <u>38.03</u>	assist delivery 73.93
atrium (heart) 37.11	replace inverted uterus 75.93
auditory canal or meatus, external 18.02	chalazion <u>08.09</u>
auricle 18.09	with removal of capsule <u>08.21</u>
axilla 86.09	cheek 86.09
Bartholin's gland or cyst 71.22	chest wall (for extrapleural drainage) (for
bile duct (with T or Y tube insertion) NEC 51.59	removal of foreign body) 34.01 as operative approachomit code
common (exploratory) <u>51.51</u>	common bile duct (for exploration) 51.51
for	for
relief of obstruction NEC 51.42	relief of obstruction 51.42
removal of calculus 51.41	removal of calculus 51.41
for	common wall between posterior left
exploration <u>51.59</u>	atrium and coronary sinus (with
relief of obstruction 51.49	roofing of resultant defect with
bladder <u>57.19</u>	patch graft) 35.82
neck (transurethral) 57.91	conjunctiva 10.1
percutaneous suprapubic (closed) 57.17	cornea 11.1
suprapubic NEC 57.18	radial (refractive) 11.75
blood vesselsee also Angiotomy 38.00	cranial sinus <u>01.21</u>
bone 77.10	craniobuccal pouch 07.72
alveolus, alveolar 24.0	cul-de-sac 70.12
carpals, metacarpals 77.14	cyst
clavicle 77.11	dentigerous <u>24.0</u>
facial <u>76.09</u>	radicular (apical) (periapical) 24.0
femur <u>77.15</u>	Duhrssen's (cervix, to assist delivery) 73.93
fibula <u>77.17</u>	duodenum <u>45.01</u>
humerus <u>77.12</u>	ear
patella <u>77.16</u>	external <u>18.09</u>
pelvic <u>77.19</u>	inner <u>20.79</u>
phalanges (foot) (hand) <u>77.19</u>	middle <u>20.23</u>
radius <u>77.13</u>	endocardium <u>37.11</u>
scapula <u>77.11</u>	endolymphatic sac <u>20.79</u>
skull <u>01.24</u>	epididymis <u>63.92</u>
specified site NEC 77.19	epidural space, cerebral <u>01.24</u>
tarsals, metatarsals 77.18	epigastric region <u>54.0</u>
thorax (ribs) (sternum) 77.11	intra-abdominal 54.19
tibia <u>77.17</u>	esophagus, esophageal NEC <u>42.09</u>
ulna <u>77.13</u>	web <u>42.01</u>
vertebrae <u>77.19</u>	exploratorysee Exploration
	extradural space (cerebral) 01.24



Incision (and drainage)Cont.	Incision (and drainage)Cont.
extrapleural <u>34.01</u>	ingrown nail <u>86.09</u>
eyebrow <u>08.09</u>	intestine <u>45.00</u>
eyelid <u>08.09</u>	large <u>45.03</u>
margin (trichiasis) <u>08.01</u>	small <u>45.02</u>
face <u>86.09</u>	intracerebral <u>01.39</u>
fallopian tube <u>66.01</u>	intracranial (epidural space) (extradural
fascia <u>83.09</u>	space) <u>01.24</u>
with division 83.14	subarachnoid or subdural space <u>01.31</u>
hand <u>82.12</u>	intraperitoneal <u>54.19</u>
hand <u>82.09</u>	ischiorectal tissue <u>49.02</u>
with division 82.12	abscess <u>49.01</u>
fascial compartments, head and neck 27.0	joint structuressee also Arthrotomy
fistula, anal <u>49.11</u>	<u>80.10</u>
flank <u>54.0</u>	kidney <u>55.01</u>
furunclesee Incision, by site	pelvis <u>55.11</u>
gallbladder <u>51.04</u>	labia <u>71.09</u>
gingiva <u>24.0</u>	lacrimal
gluteal <u>86.09</u>	canaliculus <u>09.52</u>
groin region(abdominal wall)(inguinal)	gland <u>09.0</u>
<u>54.0</u>	passage NEC <u>09.59</u>
skin <u>86.09</u>	punctum <u>09.51</u>
subcutaneous tissue <u>86.09</u>	sac <u>09.53</u>
gum <u>24.0</u>	larynx NEC <u>31.3</u>
hair follicles <u>86.09</u>	ligamentum flavum (spine)omit code
heart <u>37.10</u>	liver <u>50.0</u>
valvesee Valvulotomy	lung <u>33.1</u>
hematomasee also Incision, by site	lymphangioma <u>40.0</u>
axilla <u>86.04</u>	lymphatic structure (channel) (node) (vessel
broad ligament <u>69.98</u>	<u>40.0</u>
ear <u>18.09</u>	mastoid <u>20.21</u>
episiotomy site <u>75.91</u>	mediastinum <u>34.1</u>
fossa (superficial) NEC <u>86.04</u>	meibomian gland <u>08.09</u>
groin region (abdominal wall)	meninges (cerebral) <u>01.31</u>
(inguinal) <u>54.0</u>	spinal <u>03.09</u>
skin <u>86.04</u>	midpalmar space <u>82.04</u>
subcutaneous tissue 86.04	mouth NEC 27.92
laparotomy site <u>54.12</u>	floor <u>27.0</u>
mediastinum 34.1	muscle 83.02
perineum (female) <u>71.09</u>	with division 83.19
male <u>86.04</u>	hand <u>82.19</u>
popliteal space <u>86.04</u>	hand <u>82.02</u>
scrotum <u>61.0</u>	with division 82.19
skin <u>86.04</u>	myocardium <u>37.11</u>
space of Retzius <u>59.19</u>	nailbed or nailfold <u>86.09</u>
subcutaneous tissue <u>86.04</u>	nasolacrimal duct (stricture) 09.59
vagina (cuff) 70.14	neck <u>86.09</u>
episotomy site <u>75.91</u>	nerve (cranial) (peripheral) NEC <u>04.04</u>
obstetrical NEC <u>75.92</u>	root (spinal) 03.1
hepatic ducts <u>51.59</u>	nose <u>21.1</u>
hordeolum <u>08.09</u>	omentum <u>54.19</u>
hygromasee also Incision, by site	orbitsee also Orbitotomy 16.09
cystic 40.0	ovary <u>65.09</u>
hymen 70.11	laparoscopic 65.01
hypochondrium <u>54.0</u>	palate <u>27.1</u>
intra-abdominal <u>54.19</u>	palmar space (middle) <u>82.04</u>
hypophysis 07.72	pancreas <u>52.09</u>
iliac fossa <u>54.0</u>	pancreatic sphincter 51.82
infratemporal fossa <u>27.0</u>	endoscopic <u>51.85</u>

Incision (and drainage)Cont.	Incision (and drainage)Cont.
parapharyngeal (oral) (transcervical) <u>28.0</u>	skin <u>86.09</u>
paronychia <u>86.09</u>	with drainage <u>86.04</u>
parotid	breast <u>85.0</u>
gland or duct <u>26.0</u>	cardiac pacemaker pocket, new site
space <u>27.0</u>	<u>37.79</u>
pelvirectal tissue <u>48.81</u>	ear <u>18.09</u>
penis <u>64.92</u>	nose <u>21.1</u>
perianal (skin) (tissue) <u>49.02</u>	subcutaneous tunnel for pulse generato
abscess <u>49.01</u>	lead wire <u>86.99</u>
perigastric <u>54.19</u>	with initial procedureomit code
perineum (female) <u>71.09</u>	thalamic stimulator pulse generator
male <u>86.09</u>	pocket, new site 86.09
peripheral vessels	with initial insertion of battery
lower limb	package <i>omit code</i>
artery <u>38.08</u>	tunnel, subcutaneous for pulse
vein <u>38.09</u>	generator lead wire <u>86.99</u>
upper limb (artery) (vein) 38.03	with initial procedureomit code
periprostatic tissue <u>60.81</u>	skull (bone) <u>01.24</u>
perirectal tissue <u>48.81</u>	soft tissue NEC <u>83.09</u>
perirenal tissue <u>59.09</u>	with division <u>83.19</u>
perisplenic <u>54.19</u>	hand <u>82.19</u>
peritoneum <u>54.95</u>	hand <u>82.09</u>
by laparotomy <u>54.19</u>	with division 82.19
pelvic (female) <u>70.12</u>	space of Retzius <u>59.19</u>
male <u>54.19</u>	spermatic cord <u>63.93</u>
periureteral tissue <u>59.09</u>	sphincter of Oddi <u>51.82</u>
periurethral tissue <u>58.91</u>	endoscopic <u>51.85</u>
perivesical tissue <u>59.19</u>	spinal
petrous pyramid (air cells) (apex)	cord <u>03.09</u>
(mastoid) <u>20.22</u>	nerve root <u>03.1</u>
pharynx, pharyngeal (bursa) <u>29.0</u>	spleen <u>41.2</u>
space, lateral <u>27.0</u>	stomach <u>43.0</u>
pilonidal sinus (cyst) <u>86.03</u>	stye <u>08.09</u>
pineal gland <u>07.52</u>	subarachnoid space, cerebral <u>01.31</u>
pituitary (gland) <u>07.72</u>	subcutaneous tissue <u>86.09</u>
pleura NEC <u>34.09</u>	with drainage <u>86.04</u>
popliteal space <u>86.09</u>	tunnel
postzygomatic space <u>27.0</u>	esophageal <u>42.86</u>
pouch of Douglas 70.12	with anastomosis -see Anastomosis,
prostate (perineal approach)	esophagus, antesternal
(transurethral approach) <u>60.0</u>	pulse generator lead wire <u>86.99</u>
pterygopalatine fossa <u>27.0</u>	with initial procedureomit code
pulp canal (tooth) <u>24.0</u>	subdiaphragmatic space <u>54.19</u>
Rathke's pouch <u>07.72</u>	subdural space, cerebral <u>01.31</u>
rectovaginal septum <u>48.81</u>	sublingual space <u>27.0</u>
rectum <u>48.0</u>	submandibular space <u>27.0</u>
stricture 48.91	submaxillary <u>86.09</u>
renal pelvis <u>55.11</u>	with drainage <u>86.04</u>
retroperitoneum <u>54.0</u>	submental space <u>27.0</u>
retropharyngeal (oral) (transcervical) 28.0	subphrenic space <u>54.19</u>
salivary gland or duct <u>26.0</u>	supraclavicular fossa <u>86.09</u>
sclera <u>12.89</u>	with drainage <u>86.04</u>
scrotum <u>61.0</u>	sweat glands, skin <u>86.04</u>
sebaceous cyst <u>86.04</u>	temporal pouches <u>27.0</u>
seminal vesicle <u>60.72</u>	tendon (sheath) <u>83.01</u>
sinussee Sinusotomy	with division <u>83.13</u>
Skene's duct or gland 71.09	hand <u>82.11</u>
	hand <u>82.01</u>

ncision (and drainage) -tendonCont.	InductionCont	_
with division 82.11	labor	
testis <u>62.0</u>	medical <u>73.4</u>	
thenar space <u>82.04</u>	surgical <u>73.01</u>	
thymus (open) (other) <u>07.92</u>	intra- and extra-amniotic injection 73.1	
thoracoscopic 07.95	stripping of membranes <u>73.1</u>	
thyroid (field) (gland) NEC <u>06.09</u>	Inflation	
postoperative <u>06.02</u>	belt wrap <u>93.99</u>	
tongue NEC <u>25.94</u>	Eustachian tube 20.8	
for tongue tie <u>25.91</u>	fallopian tube 66.8	
tonsil 28.0	with injection of therapeutic agent	
trachea NEC 31.3	66.95	
tunica vaginalis <u>61.0</u> umbilicus 54.0	Infolding, sclera, for buckling	
urachal cyst 54.0	see also Buckling, scleral <u>14.49</u> Infraction, turbinates (nasal) 21.62	
ureter 56.2	Infundibulectomy	
urethra <u>58.0</u>	hypophysealsee also Hypophysectomy,	
uterus (corpus) 68.0	partial 07.63	
cervix 69.96	ventricle (heart) (right) 35.34	
for termination of pregnancy 74.91	in total repair of tetralogy of Fallot	
septum (congenital) 68.22	35.81	
uvula 27.71	Infusion (intra-arterial) (intravenous)	
vagina (cuff) (septum) (stenosis) 70.14	with	
for	disruption of blood brain barrier [BBBD]	
incisional hematoma (episiotomy)	00.19	
75.91	4-Factor Prothrombin Complex Concentrate	te
obstetrical hematoma NEC 75.92	00.96	
pelvic abscess <u>70.12</u>	Abciximab <u>99.20</u>	
vas deferens <u>63.6</u>	antibiotic	
vein <u>38.00</u>	oxazolidinone class <u>00.14</u>	
abdominal <u>38.07</u>	antineoplastic agent	
head and neck NEC <u>38.02</u>	(chemotherapeutic)99.25	
intracranial NEC <u>38.01</u>	biological response modifier[BRM]	
lower limb 38.09	<u>99.28</u>	
thoracic NEC 38.05	cintredekin besudotox <u>99.28</u>	
upper limb <u>38.03</u>	CLO 17.70	
vertebral column <u>03.09</u>	clofarabine 17.70	
vulva <u>71.09</u>	CLOLAR® 17.70	
obstetrical 75.92	high-dose interleukin-2 00.15	
web, esophageal <u>42.01</u> ncudectomy NEC 19.3	low-dose interleukin-2 <u>99.28</u> biological response modifier [BRM],	
with	antineoplastic agent 99.28	
stapedectomysee also Stapedectomy	cintredekin besudotox 99.28	
19.19	high-dose interleukin-2 00.15	
tympanoplastysee Tympanoplasty	low-dose interleukin-2 99.28	
ncudopexy 19.19	cancer chemotherapy agent NEC 99.25	
ncudostapediopexy 19.19	cintredekin besudotox 99.28	
with incus replacement 19.11	CLO 17.70	
ndentation, sclera, for buckling	clofarabine 17.70	
see also Buckling, scleral 14.49	CLOLAR® <u>17.70</u>	
ndicator dilution flow measurement 89.68	drotrecogin alfa (activated) 00.11	
nduction	electrolytes <u>99.18</u>	
abortion	enzymes, thrombolytic (streptokinase) (tis	
by	plasminogen activator) (TPA) (urokina	se)
D and C <u>69.01</u>	direct coronary artery <u>36.04</u>	
insertion of prostaglandin	intravenous <u>99.10</u>	
suppository 96.49	Eptifibatide 99.20	
intra-amniotic injection	gamma globulin <u>99.14</u>	
(prostaglandin) (saling) 75 0	alucarnidase 00 95	

InfusionCont.	InjectionCont.
GP IIB/IIIa inhibitor <u>99.20</u>	anterior chamber, eye (air) (liquid)
hormone substance NEC <u>99.24</u>	(medication) <u>12.92</u>
human B-type natriuretic peptide(hBNP)	antibiotic <u>99.21</u>
00.13	oxazolidinone class 00.14
IgG (immunoglobulin) 99.14	anticoagulant 99.19
immunoglobulin (IgG) (IVIG) (IVIg) 99.14	anti-D (Rhesus) globulin <u>99.11</u>
immunosuppressive antibody therapy	antidote NEC 99.16
00.18	anti-infective NEC 99.22
interleukin-2	antineotive NEC <u>99.22</u> antineoplastic agent (chemotherapeutic)
high-dose <u>00.15</u>	NEC <u>99.25</u>
low-dose <u>99.28</u>	biological response modifier [BRM]
IVIG (immunoglobulin) (IVIg) 99.14	99.28
Kcentra™ <u>00.96</u>	cintredekin besudotox <u>99.28</u>
lymphocyte 99.09	high-dose interleukin-2 <u>00.15</u>
nesiritide <u>00.13</u>	low-dose interleukin-2 99.28
neuroprotective agent 99.75	antivenin <u>99.16</u>
nimodipine 99.75	barrier substance, adhesion 99.77
nutritional substancesee Nutrition	BCG
platelet inhibitor	for chemotherapy <u>99.25</u>
direct coronary artery 36.04	vaccine 99.33
intravenous 99.20	biological response modifier [BRM],
Proleukin (low-dose) 99.28	antineoplastic agent 99.28
high-dose 00.15	cintredekin besudotox 99.28
prophylactic substance NEC 99.29	high-dose interleukin-2 00.15
radioisotope (liquid brachytherapy)	low-dose interleukin-2 99.28
(liquid I-125) <u>92.20</u>	bone marrow <u>41.92</u>
radioimmunoconjugate 92.28	transplantsee Transplant, bone, marro
radioimmunotherapy <u>92.28</u>	breast (therapeutic agent) 85.92
recombinant protein <u>00.11</u>	inert material (silicone) (bilateral) <u>85.52</u>
reteplase 99.10	unilateral <u>85.51</u>
therapeutic substance NEC 99.29	bursa (therapeutic agent) <u>83.96</u>
thrombolytic agent (enzyme)(streptokinase)	hand <u>82.94</u>
<u>99.10</u>	cancer chemotherapeutic agent 99.25
with percutaneous transluminal	caudalsee Injection, spinal
angioplasty	cintredekin besudotox <u>99.28</u>
Note: Also use 00.40, 00.41, 00.42,	cortisone <u>99.23</u>
or 00.43 to show the total	costochondral junction 81.92
number of vessels treated.	dinoprost-tromethine, intra-amniotic <u>75.0</u>
number of vessels treated.	disc, intervertebral (herniated) <u>80.52</u>
coronary (single vessel) <u>36.02</u>	ear, with alcohol <u>20.72</u>
multiple vessels 36.05	electrolytes <u>99.18</u>
non-coronary vessel(s) 39.50	enzymes, thrombolytic (streptokinase)
specified site NEC 39.50	(tissue plasminogen activator) (TPA)
direct intracoronary artery 36.04	(urokinase)
tirofiban (HCL) 99.20	direct coronary artery 36.04
vaccine	intravenous <u>99.10</u>
tumor <u>99.28</u>	epidural, spinal <i>see</i> Injection, spinal
vasopressor 00.17	esophageal varices or blood vessel
Voraxaze® 00.95	(endoscopic) (sclerosing agent) 42.33
Injection (into) (hypodermically)	Eustachian tube (inert material) 20.8
(intramuscularly) (intravenously)	eye (orbit) (retrobulbar) 16.91
(acting locally or systemically)	anterior chamber 12.92
Actinomycin D, for cancer chemotherapy	subconjunctival 10.91
99.25	fascia 83.98
adhesion barrier substance 99.77	hand 82.96
alcohol	gamma globulin 99.14
	ganglion, sympathetic <u>05.39</u>
nervesee Injection, nerve	ciliary 12.79
spinal <u>03.8</u>	Ciliary 12.73

ICD-9-CM INDEX I	O PROCEDURES (FYT5)
Injection -ganglionCont.	InjectionCont.
paravertebral stellate <u>05.39</u>	peritoneal cavity
gel, adhesion barriersee Injection,	air <u>54.96</u>
adhesion barrier substance	locally-acting therapeutic substance
globulin	<u>54.97</u>
anti-D (Rhesus) <u>99.11</u>	platelet inhibitor
gamma <u>99.14</u>	direct coronary artery <u>36.04</u>
Rh immune <u>99.11</u>	intravenous <u>99.20</u>
glucarpidase <u>00.95</u>	prophylactic substance NEC <u>99.29</u>
heart <u>37.92</u>	prostate <u>60.92</u>
heavy metal antagonist 99.16	radioimmunoconjugate 92.28
hemorrhoids (sclerosing agent) 49.42	radioimmunotherapy 92.28
hormone NEC 99.24	radioisotopes (intracavitary) (intravenous)
human B-type natriuretic peptide (hBNP)	92.28
00.13	renal pelvis (cyst) 55.96
I <mark>gG (immunoglobulin)</mark> 99.14 immune sera 99.14	retrobulbar (therapeutic substance) <u>16.91</u> for anesthesia <i>omit code</i>
immunoglobulin (IgG) (IVIG) (IVIg) 99.14	Rh immune globulin 99.11
inert materialsee Implant, inert material	RhoGAM 99.11
inner ear, for destruction 20.72	sclerosing agent NEC <u>99.29</u>
insulin 99.17	esophageal varices (endoscopic) 42.33
intervertebral space for herniated disc	hemorrhoids 49.42
80.52	pleura 34.92
intra-amniotic	treatment of malignancy (cytotoxic agent)
for induction of	34.92 [99.25]
abortion 75.0	with tetracycline 34.92 [99.21]
labor 73.1	varicose vein 39.92
intrathecalsee Injection, spinal	vein NEC 39.92
IVIG (immunoglobulin) (IVIg) 99.14	semicircular canals, for destruction 20.72
joint (therapeutic agent) 81.92	silicone <i>see</i> Implant, inert material
temporomandibular 76.96	skin (sclerosing agent) (filling material)
kidney (cyst) (therapeutic substance) NEC	86.02
<u>55.96</u>	soft tissue <u>83.98</u>
larynx <u>31.0</u>	hand <u>82.96</u>
ligament (joint)(therapeutic substance) 81.92	spinal (canal) NEC <u>03.92</u>
liver <u>50.94</u>	alcohol <u>03.8</u>
lung, for surgical collapse 33.32	anesthetic agent for analgesia <u>03.91</u>
Methotrexate, for cancer chemotherapy	for operative anesthesia <i>omit code</i>
<u>99.25</u>	contrast material (for myelogram) <u>87.21</u>
nerve (cranial) (peripheral) <u>04.80</u>	destructive agent NEC 03.8
agent NEC <u>04.89</u>	neurolytic agent NEC <u>03.8</u>
alcohol <u>04.2</u> anesthetic for analgesia 04.81	phenol <u>03.8</u> proteolytic enzyme (chymodiactin)
for operative anesthesiaomit code	(chymopapain) 80.52
neurolytic 04.2	saline (hypothermic) 03.92
phenol 04.2	steroid NEC 03.92
laryngeal (external) (recurrent)	spinal nerve root (intrathecal)
(superior) 31.91	see Injection, spinal
optic 16.91	steroid NEC <u>99.23</u>
sympathetic 05.39	subarachnoid, spinalsee Injection, spinal
alcohol 05.32	subconjunctival 10.91
anesthetic for analgesia 05.31	tendon 83.97
neurolytic agent 05.32	hand <u>82.95</u>
phenol <u>05.32</u>	testis <u>62.92</u>
nesiritide <u>00.13</u>	therapeutic agent NEC 99.29
neuroprotective agent 99.75	thoracic cavity 34.92
nimodipine 99.75	thrombolytic agent (enzyme)(streptokinase)
orbit <u>16.91</u>	99.10
pericardium 37.93	with percutaneous transluminal angioplast

Injection-thrombolyticCont.	Insertion -balloonCont
injection-thrombolyticcont.	intestine (for decompression)
Note: Also use <u>00.40, 00.41, 00.42,</u>	(for dilation) 46.85
or 00.43 to show the total	with insertion of colonic stent
number of vessels treated.	endoscopic 46.86
coronary 00.66	other 46.87
non coronary vessels 39.50	band (adjustable)
specified site NEC 39.50	gastric, laparoscopic <u>44.95</u>
	Lap-Band™ 44.95
direct intracoronary artery 36.04	Barton's tongs (skull) (with synchronous
trachea <u>31.94</u> tranquilizer <u>99.26</u>	skeletal traction) 02.94
tunica vaginalis (with aspiration) 61.91	bipolar endoprosthesis (femoral head) 81.52
tympanum 20.94	Blakemore-Sengstaken tube 96.06
urethra (inert material)	bone growth stimulator (invasive)
for repair of urinary stress incontinence	(percutaneous) (semi-invasive)see
collagen implant 59.72	category 78.9
endoscopic injection of implant 59.72	
fat implant 59.72	(OP-1™) (recombinant) (rhBMP) 84.52
polytef implant 59.72	bone void filler 84.55
vaccine	that with percutaneous vertebral
tumor 99.28	augmentation 81.66
varices, esophagus (endoscopic)	that with percutaneous
(sclerosing agent) 42.33	vertebroplasty 81.65
varicose vein (sclerosing agent) 39.92	bougie, cervix, nonobstetrical 67.0
esophagus (endoscopic) 42.33	to assist delivery or induce labor 73.1
vestibule, for destruction 20.72	breast implant (for augmentation) (bilateral)
vitreous substitute (silicone) 14.75	85.54
for reattachment of retina 14.59	unilateral 85.53
vocal cords 31.0	bridge (dental) (fixed) 23.42
Voraxaze® 00.95	removable 23.43
Inlay, tooth 23.3	bubble (balloon), stomach 44.93
Inoculation	caliper tongs (skull) (with synchronous
antitoxinssee Administration, antitoxins	skeletal traction) 02.94
toxoidssee Administration, toxoids	cannula
vaccinesee Administration, vaccine	Allen-Brown 39.93
Insemination, artificial 69.92	for extracorporeal membrane
Insertion	oxygenation (ECMO)omit code
airway	nasal sinus (by puncture) <u>22.01</u>
esophageal obturator <u>96.03</u>	through natural ostium <u>22.02</u>
nasopharynx 96.01	pancreatic duct <u>52.92</u>
oropharynx <u>96.02</u>	endoscopic <u>52.93</u>
Allen-Brown cannula 39.93	vessel to vessel <u>39.93</u>
antimicrobial envelope 17.81	cardiac resynchronization device
aqueous drainage device (shunt) (stent)	defibrillator (biventricular defibrillator)
<u>12.67</u>	(BiV ICD) (BiV pacemaker with
arch bars (orthodontic) 24.7	defibrillator) (BiV pacing with
for immobilization (fracture) 93.55	defibrillator) (CRT-D) (device and
atrial septal umbrella <u>35.52</u>	one or more leads) (total system)
Austin-Moore prosthesis 81.52	<u>00.51</u>
baffle, heart (atrial) (interatrial)	left ventricular coronary venous lead
(intra-atrial) <u>35.91</u>	only <u>00.52</u>
bag, cervix (nonobstetrical) <u>67.0</u>	pulse generator only <u>00.54</u>
after delivery or abortion 75.8	pacemaker (biventricular pacemaker) (BiV
to assist delivery or induce labor <u>73.1</u>	pacemaker) (CRT-P) (device and one or
Baker's (tube) (for stenting) 46.85	more leads) (total system) <u>00.50</u>
balloon	left ventricular coronary venous lead
gastric <u>44.93</u>	only <u>00.52</u>
heart (pulsation-type) (Kantrowitz) 37.61	pulse generator only <u>00.53</u>
	cardiac support device (CSD) (CorCap™) <u>37.41</u>

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Insertion -cardiac resynchronization device
                                                  Insertion -catheter ---Cont.
  ---Cont.
                                                       Swan-Ganz (pulmonary) 89.64
  carotid artery stent(s)(stent graft) (00.63)
                                                       temporary occlusion, abdominal aorta
                                                           39.77
    Note: Also use 00.40, 00.41, 00.42,
                                                       transtracheal for oxygenation 31.99
          or 00.43 to show the total
                                                       vein NEC 38.93
          number of vessels treated.
                                                         for renal dialysis 38.95
          Use code 00.44 once to show
                                                    chest tube 34.04
          procedure on a bifurcated
                                                        thoracoscopic 34.06
          vessel. In addition, use 00.45.
                                                    choledochohepatic tube (for
          00.46, 00.47, or 00.48 to
                                                         decompression) 51.43
          show the number of vascular
                                                       endoscopic 51.87
          stents inserted.
                                                    circulatory support device
                                                      CentriMag® 37.62
  catheter
                                                      external heart assist device
     abdomen of fetus, for intrauterine
                                                          biventricular 37.60
         transfusion 75.2
     anterior chamber (eye), for permanent
                                                          Impella® 37.68
                                                          percutaneous 37.68
         drainage
                                                          temporary 37.62
        (glaucoma) 12.79
     artery 38.91
                                                      non-implantable 37.62
                                                      pVAD (percutaneous VAD) 37.68
     bile duct(s) 51.59
       common 51.51
                                                      TandemHeart® 37.68
                                                      temporary non-implantable circulatory
        endoscopic 51.87
                                                          assist device 37.62
       endoscopic <u>51.87</u>
     bladder, indwelling 57.94
                                                    cochlear prosthetic device --see Implant,
       suprapubic 57.18
                                                         cochlear prosthetic device
        percutaneous (closed) 57.17
                                                    contraceptive device (intrauterine) 69.7
                                                     CorCap™ 37.41
     bronchus 96.05
                                                    cordis cannula 54.98
       with lavage 96.56
                                                     coronary (artery)
     central venous NEC 38.93
       for
                                                      Note: Also use 00.40, 00.41, 00.42,
        hemodialysis 38.95
                                                            or 00.43 to show the total
        pressure monitoring 89.62
                                                            number of vessels treated. Use
       peripherally inserted central catheter
                                                            code 00.44 once to show
           (PICC) 38.93
                                                            procedure on a bifurcated
       with guidance 38.97
                                                            vessel. In addition, use 00.45,
     chest 34.04
                                                            00.46, 00.47, or 00.48 to show
       revision (with lysis of adhesions)
                                                            the number of vascular stents
           34.04
                                                            inserted.
          thoracoscopic 34.06
       thoracoscopic 34.06
                                                       stent, drug-eluting 36.07
     cranial cavity 01.26
                                                       stent, non-drug-eluting 36.06
                                                     Crosby-Cooney button 54.98
        placement via burr hole(s) 01.28
                                                    CRT-D (biventricular defibrillator) (BiV ICD)
     esophagus (nonoperative) 96.06
       permanent tube 42.81
                                                         (BiV pacemaker with defibrillator) (BiV
     intercostal (with water seal), for
                                                         pacing with defibrillator) (cardiac
         drainage 34.04
                                                         resynchronization defibrillator)
       revision (with lysis of adhesions)
                                                         (device and one or more leads) 00.51
           34.04
                                                       left ventricular coronary venous lead only
          thoracoscopic 34.06
                                                           00.52
       thoracoscopic 34.06
                                                       pulse generator only 00.54
     intracerebral 01.26
                                                    CRT-P (biventricular pacemaker) (BiV
        placement via burr hole(s) 01.28
                                                         pacemaker) (cardiac resynchronization
     NeuroFlo™ (partial abdominal aorta
                                                         pacemaker) (device and one or more
         occlusion) 39.77
                                                         leads) 00.50
     spinal canal space (epidural)
                                                       left ventricular coronary venous lead only
         (subarachnoid) (subdural) for
                                                           00.52
         infusion of therapeutic or palliative
                                                       pulse generator only 00.53
         substances <u>03.90</u>
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InsertionCont.	Insertion -electrode(s)-heartCont.	
Crutchfield tongs (skull) (with ventricle (initial) 37.71		
synchronous skeletal traction) <u>02.94</u>	replacement <u>37.76</u>	
Davidson button <u>54.98</u>	intracranial <u>02.93</u>	
denture (total) <u>99.97</u>	osteogenic (for bone growth	
device	stimulation)see category <u>78.9</u>	
adjustable gastric band and port 44.95	peripheral nerve <u>04.92</u>	
bronchial device NOS <u>33.79</u>	sacral nerve <u>04.92</u>	
bronchial substance NOS <u>33.79</u>	sphenoidal <u>02.96</u>	
bronchial valve(s)	spine <u>03.93</u>	
multiple lobes 33.73	electroencephalographic receiversee	
single lobe <u>33.71</u>	Implant, electroencephalographic	
cardiac resynchronizationsee Insertion		
cardiac resynchronization device	electronic stimulatorsee Implant, electronic	
cardiac support device (CSD) <u>37.41</u>	stimulator, by site	
CorCap™ <u>37.41</u>	electrostimulatorsee Implant, electronic	
epicardial support device 37.41	stimulator, by site	
Lap-Band™ <u>44.95</u>	endograft(s), endovascular graft(s)	
left atrial appendage 37.90	endovascular, abdominal aorta <u>39.71</u>	
left atrial filter 37.90	fenestrated (branching) 39.78	
left atrial occluder 37.90	endovascular, head and neck vessels	
MitraClip mitral leaflet clip 35.97	39.72	
prosthetic cardiac support device 37.41	endovascular, other vessels (for	
sternal fixation device with rigid plates	aneurysm) <u>39.79</u>	
<u>84.94</u>	endovascular, thoracic aorta <u>39.73</u>	
vascular access 86.07	endoprosthesis	
ventricular support device <u>37.41</u>	bile duct <u>51.87</u>	
diaphragm, vagina <u>96.17</u>	femoral head (bipolar) <u>81.52</u>	
drainage tube	pancreatic duct <u>52.93</u>	
kidney <u>55.02</u>	envelope, antimicrobial 17.81	
pelvis <u>55.12</u>	epidural pegs <u>02.93</u>	
renal pelvis <u>55.12</u>	external fixation device (bone)see	
Dynesys® 84.82	category 78.1	
elbow prosthesis (total) <u>81.84</u>	eye valve implant 12.67	
revision 81.97	facial bone implant (alloplastic)	
electrode(s)	(synthetic) 76.92	
bone growth stimulator (invasive)	filling material, skin (filling of defect)	
(percutaneous) (semi-invasive)	86.02	
see category <u>78.9</u>	filter	
brain <u>02.93</u>	vena cava (inferior) (superior) (transvenous)	
depth <u>02.93</u>	38.7	
foramen ovale <u>02.93</u>	fixator, mini device (bone)	
sphenoidal <u>02.96</u>	see category 78.1	
depth <u>02.93</u>	frame (stereotactic)	
foramen ovale <u>02.93</u>	for radiosurgery <u>93.59</u> Gardner Wells tongs (skull) (with	
gastric <u>04.92</u> heart (initial) (transvenous) 37.70		
atrium (initial) $\frac{37.70}{1.70}$	synchronous skeletal traction) <u>02.94</u> gastric bubble (balloon) 44.93	
replacement 37.76	globe, into eye socket 16.69	
atrium and ventricle (initial) 37.72	Greenfield filter 38.7	
replacement 37.76	halo device (skull) (with synchronous	
epicardium (sternotomy or	skeletal traction) 02.94	
thoracotomy approach) 37.74	Harrington rodsee also Fusion, spinal, by	
left ventricular coronary venous	level	
system 00.52	with dorsal, dorsolumbar fusion 81.05	
temporary transvenous pacemaker	Harris pin 79.15	
system 37.78	heart	
during and immediately following	assist systemsee Implant, heart	
cardiac surgery 39 64	assist system	

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Insertion -heartCont.	
cardiac support device (CSD) <u>37.41</u>	
circulatory assist systemsee Implant,	
heart assist system	
CorCap™ <u>37.41</u>	
epicardial support device 37.41	
Impella® 37.68	
pacemaker <i>see</i> Insertion, pacemaker, cardiac	
prosthetic cardiac support device <u>37.41</u>	
pump (Kantrowitz) 37.62	
valvesee Replacement, heart valve	
ventricular support device 37.41	
hip prosthesis (partial) 81.52	
revision NOS 81.53	
acetabular and femoral components	
(total) <u>00.70</u>	
acetabular component only 00.71	
acetabular liner and/or femoral	
head only <u>00.73</u>	
femoral component only <u>00.72</u>	
femoral head only and/or acetabular	
liner <u>00.73</u>	
partial	
acetabular component only 00.71	
acetabular liner and/or femoral	
head only <u>00.73</u> femoral component only <u>00.72</u>	
femoral head only and/or	
acetabular liner 00.73	
total (acetabular and femoral	
components) 00.70	
total 81.51	
revision	
acetabular and femoral components	
(total) <u>00.70</u>	
total (acetabular and femoral	
components) <u>00.70</u>	
Holter valve 02.22	
Hufnagel valvesee Replacement,	
heart valve	
implantsee Insertion, prosthesis infusion pump 86.06	
interbody spinal fusion device 84.51	
intercostal catheter (with water seal)	
for drainage 34.04	
revision (with lysis of adhesions) 34.04	
thoracoscopic 34.06	
intra-arterial blood gas monitoring system	
<u>89.60</u>	
intrauterine	
contraceptive device <u>69.7</u>	
radium (intracavitary) <u>69.91</u>	
tamponade (nonobstetric) <u>69.91</u>	
Kantrowitz	
heart pump 37.62	
pulsation balloon (phase-shift) 37.61	
keratoprosthesis 11.73 King-Mills umbrella device (heart) 35.52	
King wills ullibrella device (liearl) 33.34	

Inneration Court
InsertionCont.
Kirschner wire 93.44
with reduction of fracture or dislocation
see Reduction, fracture and
Reduction, dislocation
knee prosthesis (partial (total) <u>81.54</u>
revision NOS <u>81.55</u>
femoral component <u>00.82</u>
partial
femoral component <u>00.82</u>
patellar component <u>00.83</u>
tibial component <u>00.81</u>
tibial insert <u>00.84</u>
patellar component 00.83
tibial component 00.81
tibial insert 00.84
total (all components) 00.80
Lap-Band™ 44.95
laminaria, cervix 69.93
larynx, valved tube 31.75
leadssee Insertion, electrode(s)
lens, prosthetic (intraocular) 13.70
with cataract extraction, one-stage 13.71
secondary (subsequent to cataract
extraction) 13.72
limb lengthening device, internal, NOS
84.54
with kinetic distraction 84.53
loop recorder 37.79
M-Brace™ 84.82
metal staples into epiphyseal platesee
also Stapling, epiphyseal plate 78.20
minifixator device (bone)
see category 78.1
Mobitz-Uddin umbrella, vena cava 38.7
mold, vagina 96.15
Moore (cup) 81.52
myringotomy device (button) (tube) 20.01
with intubation 20.01
nasobiliary drainage tube (endoscopic)
51.86
nasogastric tube
for
decompression, intestinal 96.07
feeding 96.6
naso-intestinal tube 96.08
nasolacrimal tube or stent 09.44
nasopancreatic drainage tube (endoscopic)
52.97
neuropacemakersee Implant,
neurostimulator, by site
neurostimulatorsee Implant,
neurostimulator, by site

InsertionCont.	Insertion -pacemakerCont.	
non-coronary vessel	device only (initial) (replacement)	
stent(s) (stent graft)	00.53	
	total system (device and one or	
Note: Also use <u>00.40, 00.41, 00.42,</u>	more leads) 00.50	
or 00.43 to show the total	transvenous lead into left ventricular	
number of vessels treated.	coronary venous system 00.52	
Use code <u>00.44</u> once to show	single-chamber device (initial) 37.81	
procedure on a bifurcated	rate responsive 37.82	
vessel. In addition, use <u>00.45,</u>	replacement 37.85	
<u>00.46, 00.47, or 00.48</u> to	rate responsive 37.86	
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stents inserted.	system 37.78	
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bypassomit code	gastric <u>04.92</u>	
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vertebral 00.64	spinesee Implant, neurostimulator,	
non-invasive (transcutaneous) (surface)	spine	
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obturator (orthodontic) 24.7	pacemaker, cardiac	
ocular implant	pack	
with synchronous	auditory canal, external 96.11	
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with muscle attachment to implant	after delivery or abortion 75.8	
16.41	to assist delivery or induce labor 73.1	
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following or secondary to	sella turcica <u>07.79</u>	
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replacement <u>37.87</u>	hip 81.52	
during and immediately following	revision NOS 81.53	
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resynchronization (biventricular	(total) <u>00.70</u>	
pacemaker) (BiV pacemaker)	acetabular component only 00.71	
(CRT-P) (device)	, , , , , , , , , , , , , , , , , , ,	

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acetabular liner 00.73	
partial	
acetabular component only 00.71	
acetabular liner and/or femoral	
head only 00.73	
femoral component only 00.72	
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components) 00.70	
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Scribner shunt 39.93	procedure on a bifurcated		
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Steinmann pin 93.44	Note: Also use <u>00.40, 00.41, 00.42,</u>		
	or 00.43 to show the total		
with reduction of fracture or dislocation	number of vessels treated. Use		
see Reduction, fracture and	code <u>00.44</u> once to show		
Reduction, dislocation	procedure on a bifurcated		
stent(s) (stent graft)	vessel. In addition, use <u>00.45</u> ,		
aqueous drainage 12.67	00.46, 00.47, or 00.48 to show		
artery (bare) (bonded) (drug coated)	the number of vascular stents		
(non-drug-eluting)	inserted.		
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I
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42.81
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bare, drug-coated 39.90
drug-eluting 00.55
non-coronary vessel
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Note: Also use 00.40, 00.41, 00.42, or 00.43 to show the total number of vessels treated. Use code 00.44 once to show procedure on a bifurcated vessel. In addition, use 00.45, 00.46, 00.47, or 00.48 to show the number of vascular stents inserted.

with angioplasty or atherectomy 39.50 with bypass --omit code basilar 00.64 carotid 00.63 extracranial 00.64 intracranial 00.65 mesenteric 39.90 bare, drug-coated 39.90 drug-eluting 00.55 peripheral 39.90 bare, drug-coated 39.90 drug-eluting 00.55 renal 39.90 bare, drug-coated 39.90 drug-eluting 00.55 vertebral 00.64 pancreatic duct 52.92 endoscopic <u>52.93</u> peripheral vessel 39.90

Note: Also use 00.40, 00.41, 00.42, or 00.43 to show the total number of vessels treated.

Use code 00.44 once to show procedure on a bifurcated vessel. In addition, use 00.45, 00.46, 00.47, or 00.48 to show the number of vascular stents inserted.

bare, drug-coated 39.90 drug-eluting 00.55 femoral artery, superficial, drug-eluting 00.60 precerebral 00.64

```
Insertion -stent(s)-precerebral --- Cont.

Note: Also use 00.40, 00.41, 00.42, or 00.43 to show the total number of vessels treated. Use code 00.44 once to show procedure on a bifurcated vessel. In addition, use 00.45, 00.46, 00.47, or 00.48 to show the number of vascular stents inserted.
```

renal 39.90 bare, drug-coated 39.90 drug-eluting 00.55 subclavian 39.90

Note: Also use 00.40, 00.41, 00.42, or 00.43 to show the total number of vessels treated. Use code 00.44 once to show procedure on a bifurcated vessel. In addition, use 00.45, 00.46, 00.47, or 00.48 to show the number of vascular stents inserted.

bare, drug-coated 39.90 drug-eluting 00.55 tracheobronchial 96.05 vertebral 00.64

Note: Also use 00.40, 00.41, 00.42, or 00.43 to show the total number of vessels treated. Use code 00.44 once to show procedure on a bifurcated vessel. In addition, use 00.45, 00.46, 00.47, or 00.48 to show the number of vascular stents inserted.

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breast <u>85.95</u>	<u>58.93</u>	
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[89.14] Introduction

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Ischiopubiotomy 77.39
Isolation
  after contact with infectious disease 99.84
  ileal loop 45.51
  intestinal segment or pedicle flap
     large <u>45.52</u>
     small 45.51
Isthmectomy, thyroid
    --see also Thyroidectomy, partial 06.39
IVUS --see Ultrasound, intravascular, by site
```



Jaboulay operation
(gastroduodenostomy) 44.39
laparoscopic <u>44.38</u>
Janeway operation (permanent
gastrostomy) <u>43.19</u>
<b>Jatene operation</b> (arterial switch) 35.84
Jejunectomy <u>45.62</u>
Jejunocecostomy <u>45.93</u>
Jejunocholecystostomy 51.32
Jejunocolostomy <u>45.93</u>
Jejunoileostomy <u>45.91</u>
Jejunojejunostomy <u>45.91</u>
Jejunopexy <u>46.61</u>
Jejunorrhaphy <u>46.73</u>
Jejunostomy (feeding) 46.39
delayed opening <u>46.31</u>
loop <u>46.01</u>
percutaneous (endoscopic) (PEJ) 46.32
revision 46 41

```
Jejunotomy 45.02
Johanson operation (urethral reconstruction) 58.46
Jones operation
claw toe (transfer of extensor hallucis longus tendon) 77.57
modified (with arthrodesis) 77.57
dacryocystorhinostomy 09.81
hammer toe (interphalangeal fusion) 77.56
modified (tendon transfer with arthrodesis) 77.57
repair of peroneal tendon 83.88
Joplin operation (exostectomy with tendon transfer) 77.53
```

## K

Kader operation (temporary gastrostomy)	Kessler operation (arthroplasty,		
<u>43.19</u>	carpometacarpal joint) <u>81.74</u>		
Kasai portoenterostomy <u>51.37</u>	Kidner operation (excision of accessor		
Kaufman operation (for urinary stress	navicular bone) (with		
incontinence) <u>59.79</u>	tendon transfer) 77.98		
Kazanjiian operation (buccal vestibular	Killian operation (frontal sinusotomy)		
sulcus extension) 24.91	<u>22.41</u>		
Kehr operation (hepatopexy) 50.69	Kineplastysee Cineplasty		
Keller operation (bunionectomy) 77.59	King-Steelquist operation		
Kelly (-Kennedy) operation	(hind-quarter amputation) <u>84.19</u>		
(urethrovesical plication) <u>59.3</u>	Kirk operation (amputation through		
Kelly-Stoeckel operation (urethrovesical	thigh) <u>84.17</u>		
plication) <u>59.3</u>	Kock pouch		
Kelotomy <u>53.9</u>	bowel anastomosisomit code		
Keratectomy (complete) (partial)	continent ileostomy 46.22		
(superficial) <u>11.49</u>	cutaneous uretero-ileostomy <u>56.51</u>		
for pterygium <u>11.39</u>	ESWL (electrocorporeal shockwave		
with corneal graft 11.32	lithotripsy) 98.51		
Keratocentesis (for hyphema) 12.91	removal, calculus <u>57.19</u>		
Keratomileusis 11.71 revision, cutaneous uretero-ileo			
Keratophakia 11.72	<u>56.52</u>		
Keratoplasty (tectonic) (with autograft)	urinary diversion procedure 56.51		
(with homograft) 11.60	Kockogram (ileal conduitogram) 87.78		
lamellar (nonpenetrating) (with	Kockoscopy <u>45.12</u>		
homograft) 11.62	Kondoleon operation (correction of		
with autograft 11.61	lymphedema) <u>40.9</u>		
penetrating (full-thickness) (with	Krause operation (sympathetic		
homograft) 11.64	denervation) 05.29		
with autograft 11.63	Kroener operation (partial		
perforatingsee Keratoplasty,	salpingectomy) <u>66.69</u>		
penetrating	Kroenlein operation (lateral orbitotomy)		
refractive 11.71	<u>16.01</u>		
specified type NEC 11.69	Kronig operation (low cervical cesarean		
Keratoprosthesis 11.73 section) 74.1			
Keratotomy (delimiting) (posterior) 11.1	Krunkenberg operation (reconstruction		
radial (refractive) 11.75 of below-elbow amputation) 82			
Kerr operation (low cervical cesarean	Kuhnt-Szymanowski operation		
section) 74.1	(ectropion repair with lid		
· <del></del>	reconstruction) 08.44		
	Kyphoplasty 81.66		
	,, , , <del></del>		

## L

Labbe operation (gastrotomy) 43.0	LaryngectomyCont.		
Labiectomy (bilateral) 71.62	frontolateral partial (extended) 30.29		
unilateral <u>71.61</u>	glottosupraglottic partial 30.29		
Labyrinthectomy (transtympanic) 20.79	lateral partial <u>30.29</u>		
Labyrinthotomy (transtympanic) 20.79	partial (frontolateral) (glottosupraglottic)		
<b>Ladd operation</b> (mobilization of intestine)	(lateral) (submucous) (supraglottic)		
<u>54.95</u>	(vertical) <u>30.29</u>		
Lagrange operation (iridosclerectomy) 12.65	radical (with synchronous thyroidectomy)		
Lambrinudi operation (triple arthrodesis)	(with synchronous tracheostomy) 30.4		
81.12	submucous (partial) 30.29		
Laminectomy (decompression)	supraglottic partial <u>30.29</u> total (with partial pharyngectomy) (with		
(for exploration) 03.09 as operative approachomit code	synchronous tracheostomy) 30.3		
with	with radical neck dissection (with		
excision of herniated intervertebral disc	synchronous thyroidectomy) (with		
(nucleus pulposus) 80.51	synchronous tracheostomy) 30.4		
excision of other intraspinal	vertical partial 30.29		
lesion(tumor) 03.4	wide field 30.3		
reopening of site 03.02	Laryngocentesis 31.3		
Laminographysee Radiography	Laryngoesophagectomy 30.4		
Laminoplasty, expansile 03.09	Laryngofissure 30.29		
Laminotomy (decompression)	Laryngogram <u>87.09</u>		
(for exploration) <u>03.09</u>	contrast <u>87.07</u>		
as operative approachomit code	Laryngopharyngectomy (with synchronous		
reopening of site <u>03.02</u>	tracheostomy) <u>30.3</u>		
Langenbeck operation(cleft palate repair)	radical(with synchronous thyroidectomy) 30.4		
<u>27.62</u>	Laryngopharyngoesophagectomy (with		
Laparoamnioscopy <u>75.31</u>	synchronous tracheostomy) 30.3		
Laparorrhaphy 54.63	with radical neck dissection (with		
Laparoscopy <u>54.21</u>	synchronous thyroidectomy) 30.4		
with	Laryngoplasty 31.69		
biopsy (intra-abdominal) <u>54.24</u> uterine ligaments <u>68.15</u>	Laryngorrhaphy 31.61 Laryngoscopy (suspension) (through artificial		
uterus 68.16	stoma) 31.42		
destruction of fallopian tubes	Laryngostomy (permanent) 31.29		
see Destruction, fallopian tube	revision 31.63		
Laparotomy NEC 54.19	temporary (emergency) 31.1		
as operative approachomit code	Laryngotomy 31.3		
exploratory (pelvic) 54.11	Laryngotracheobronchoscopy 33.23		
reopening of recent operative site (for control	with biopsy 33.24		
of hemorrhage) (for exploration) (for	Laryngotracheoscopy 31.42		
incision of hematoma) 54.12	Laryngotracheostomy (permanent) 31.29		
Laparotrachelotomy <u>74.1</u>	temporary (emergency) <u>31.1</u>		
Lapidus operation (bunionectomy with	Laryngotracheotomy (temporary) 31.1		
metatarsal osteotomy) 77.51	permanent <u>31.29</u>		
Larry operation (shoulder disarticulation)	Laser see also Coagulation, Destruction, and		
84.08	Photocoagulation by site		
Laryngectomy	angioplasty, percutaneous transluminal 39.59		
with radical neck dissection (with	coronary see Angioplasty, coronary		
synchronous thyroidectomy) (with	Laser interstitial thermal therapy (LITT)		
synchronous tracheostomy) <u>30.4</u> complete (with partial laryngectomy)	under guidance lesion		
(with synchronous tracheostomy) 30.3	brain <u>17.61</u>		
with radical neck dissection (with	breast 17.69		
synchronous thyroidectomy) (with	head and neck 17.62		
synchronous tracheostomy) 30 4	liver 17.63		

Laser interstitial thermal therapy-lesionCont.			
lung <u>17.69</u>	palate <u>27.62</u>		
prostate <u>17.69</u>	secondary or subsequent 27.63		
thyroid <u>17.62</u>	tendon <u>83.85</u>		
Lash operation	for claw toe repair 77.57		
internal cervical os repair <u>67.59</u>	hand <u>82.55</u>		
laparoscopic supracervical hysterectomy	Leriche operation (periarterial		
<u>68.31</u>	sympathectomy) <u>05.25</u>		
LASIK(Laser-assisted in situ keratomileusis)	Leucotomy, leukotomy <u>01.32</u>		
<u>11.71</u>	Leukopheresis, therapeutic 99.72		
Latzko operation	Lid suture operation (blepharoptosis) 08.31		
cesarean section 74.2	Ligation		
colpocleisis 70.8	adrenal vessel (artery) (vein) 07.43		
Lavage	aneurysm 39.52		
antral 22.00	appendages, dermal 86.26		
bronchus NEC <u>96.56</u>	arteriovenous fistula 39.53		
diagnostic (endoscopic)	coronary artery <u>36.99</u>		
bronchoalveolar lavage (BAL)	artery <u>38.80</u>		
(Mini-BAL) <u>33.24</u>	abdominal <u>38.86</u>		
endotracheal <u>96.56</u> gastric 96.33	adrenal <u>07.43</u>		
	aorta (arch)(ascending)(descending)38.84		
lung (total)(whole) <u>33.99</u> diagnostic (endoscopic) bronchoalveolar	coronary (anomalous) <u>36.99</u> ethmoidal <u>21.04</u>		
lavage (BAL) 33.24	external carotid 21.06		
nasal sinus(es) 22.00	for control of epistaxissee Control,		
by puncture 22.01	epistaxis		
through natural ostium 22.02	head and neck NEC <u>38.82</u>		
peritoneal (diagnostic) 54.25	intracranial NEC 38.81		
trachea NEC <u>96.56</u>	lower limb 38.88		
Leadbetter operation (urethral	maxillary (transantral) 21.05		
reconstruction) 58.46	middle meningeal 02.13		
Leadbetter-Politano operation	thoracic NEC 38.85		
(ureteroneocystostomy) 56.74	thyroid 06.92		
LEEP(loop electrosurgical excision procedure)			
cervix 67.32	atrium, heart <u>37.99</u>		
Le Fort operation (colpocleisis) 70.8	auricle, heart 37.99		
LeMesurier operation (cleft lip repair) 27.54	bleeding vesselsee Control, hemorrhage		
Lengthening	blood vessel 38.80		
bone (with bone graft) 78.30	abdominal		
femur 78.35	artery 38.86		
for reconstruction of thumb 82.69	vein <u>38.87</u>		
specified site NECsee also category	adrenal <u>07.43</u>		
<u>78.3, 78.39</u>	aorta (arch)(ascending)(descending) <u>38.84</u>		
tibia <u>78.37</u>	esophagus <u>42.91</u>		
ulna <u>78.33</u>	endoscopic <u>42.33</u>		
extraocular muscle NEC <u>15.21</u>	head and neck <u>38.82</u>		
multiple (two or more muscles) <u>15.4</u>	intracranial NEC <u>38.81</u>		
fascia <u>83.89</u>	lower limb		
hand <u>82.89</u>	artery <u>38.88</u>		
hamstring NEC <u>83.85</u>	vein <u>38.89</u>		
heel cord <u>83.85</u>	meningeal (artery) (longitudinal sinus) <u>02.13</u>		
leg	thoracic NEC 38.85		
femur <u>78.35</u>	thyroid <u>06.92</u>		
tibia <u>78.37</u>	upper limb (artery) (vein) 38.83		
levator palpebrae muscle <u>08.38</u>	bronchus 33.92		
muscle <u>83.85</u>	cisterna chyli <u>40.64</u>		
extraocular 15.21	coronary		
multiple (two or more muscles) 15.4	artery (anomalous) 36.99		
hand <u>82.55</u>	sinus <u>36.39</u>		



LigationCont.	LigationCont.
dermal appendage <u>86.26</u>	vas deferens <u>63.71</u>
ductus arteriosus, patent 38.85	vein <u>38.80</u>
esophageal vessel 42.91	abdominal <u>38.87</u>
endoscopic <u>42.33</u>	adrenal <u>07.43</u>
ethmoidal artery <u>21.04</u>	head and neck NEC 38.82
external carotid artery 21.06	intracranial NEC 38.81
fallopian tube (bilateral) (remaining)	lower limb 38.89
(solitary) <u>66.39</u>	spermatic, high <u>63.1</u>
by endoscopy (culdoscopy) (hysteroscopy)	thoracic NEC 38.85
(laparoscopy) (peritoneoscopy) <u>66.29</u>	thyroid <u>06.92</u>
with	upper limb <u>38.83</u>
crushing <u>66.31</u>	varicose <u>38.50</u>
by endoscopy (laparoscopy) <u>66.21</u>	abdominal <u>38.57</u>
division <u>66.32</u>	esophagus <u>42.91</u>
by endoscopy (culdoscopy)	endoscopic <u>42.33</u>
(laparoscopy) (peritoneoscopy)	gastric <u>44.91</u>
<u>66.22</u>	endoscopic <u>43.41</u>
Falope ring <u>66.39</u>	head and neck <u>38.52</u>
by endoscopy (laparoscopy) <u>66.29</u>	intracranial NEC <u>38.51</u>
unilateral <u>66.92</u>	lower limb <u>38.59</u>
fistula, arteriovenous <u>39.53</u>	stomach <u>44.91</u>
coronary artery <u>36.99</u>	thoracic NEC <u>38.55</u>
gastric	upper limb <u>38.53</u>
artery <u>38.86</u>	vena cava, inferior <u>38.7</u>
varices <u>44.91</u>	venous connection between anomalous
endoscopic <u>43.41</u>	vein to
hemorrhoids <u>49.45</u>	left innominate vein 35.82
longitudinal sinus (superior) 02.13	superior vena cava <u>35.82</u>
lymphatic (channel) (peripheral) 40.9	wart <u>86.26</u>
thoracic duct 40.64	<b>Light coagulation</b> see Photocoagulation
maxillary artery 21.05	Lindholm operation (repair of ruptured
meningeal vessel <u>02.13</u>	tendon) <u>83.88</u>
spermatic	Lingulectomy, lung 32.39
cord <u>63.72</u>	Linton operation (varicose vein) 38.59
varicocele <u>63.1</u>	Lipectomy (subcutaneous tissue)
vein (high) <u>63.1</u>	(abdominal) (submental) 86.83
splenic vessels 38.86	Liposuction 86.83
subclavian artery <u>38.85</u> superior longitudinal sinus <u>02.13</u>	Lip reading training 95.49
supernumerary digit 86.26	Lip shave <u>27.43</u> Lisfranc operation
thoracic duct 40.64	foot amputation 84.12
thyroid vessel (artery) (vein) 06.92	shoulder disarticulation 84.08
toes (supernumerary) 86.26	Litholapaxy, bladder 57.0
tooth 93.55	by incision 57.19
impacted 24.6	Lithotomy
ulcer (peptic) (base) (bed) (bleeding vessel)	bile passage <u>51.49</u>
44.40	bladder (urinary) 57.19
duodenal <u>44.42</u>	common duct 51.41
gastric 44.41	percutaneous 51.96
ureter <u>56.95</u>	gallbladder 51.04
varices	hepatic duct 51.49
esophageal 42.91	kidney <u>55.01</u>
endoscopic <u>42.33</u>	percutaneous 55.03
gastric <u>44.91</u>	ureter <u>56.2</u>
endoscopic <u>43.41</u>	Lithotripsy
peripheral vein (lower limb) 38.59	bile duct NEC 51.49
upper limb 38.53	extracorporeal shockwave(ESWL) 98.52
varicocele 63.1	•

LithotripsyCont.	LobectomyCont.		
bladder <u>57.0</u>	thyroid (total) (unilateral) (with removal of		
with ultrasonic fragmentation 57.0 [59.95	isthmus) (with removal of portion of		
extracorporeal shockwave (ESWL) <u>98.51</u>	remaining lobe) <u>06.2</u>		
extracorporeal shockwave (ESWL) NEC <u>98.59</u>	partialsee also Thyroidectomy,		
bile duct <u>98.52</u>	partial <u>06.39</u>		
bladder (urinary) <u>98.51</u>	substernal 06.51		
gallbladder <u>98.52</u>	subtotalsee also Thyroidectomy, partial		
kidney <u>98.51</u>	<u>06.39</u>		
Kock pouch <u>98.51</u>	Lobotomy, brain <u>01.32</u>		
renal pelvis <u>98.51</u>	Localization, placenta 88.78		
specified site NEC 98.59	by RISA injection 92.17		
ureter 98.51	Longmire operation (bile duct anastomosis)		
gallbladder NEC 51.04	<u>51.39</u>		
endoscopic 51.88	Loop ileal stoma (see also lleostomy) 46.01		
extracorporeal shockwave (ESWL) 98.52	Loopogram 87.78		
kidney 56.0	Looposcopy (ileal conduit) 56.35		
extracorporeal shockwave (ESWL) 98.51	Lord operation		
percutaneous nephrostomy with	dilation of anal canal for hemorrhoids		
frag-mentation (laser) (ultrasound)	49.49		
55.04	hemorrhoidectomy 49.49		
renal pelvis 56.0	orchidopexy 62.5		
extracorporeal shockwave (ESWL) 98.51	Lower GI series (x-ray) 87.64		
percutaneous nephrostomy with	Lucas and Murray operation		
fragmentation (laser) (ultrasound)			
, , ,	(knee arthrodesis with plate) 81.22		
55.04 ureter 56.0	Lumpectomy		
ureter 56.0	breast 85.21		
extracorporeal shockwave (ESWL) 98.51	specified sitesee Excision, lesion, by site		
LITT (laser interstitial thermal therapy)	Lymphadenectomy (simple) see also		
under guidance	Excision, lymph, node 40.29		
lesion	Lymphadenotomy <u>40.0</u>		
brain <u>17.61</u>	Lymphangiectomy(radical) see also Excision,		
breast <u>17.69</u>	lymph, node, by site, radical 40.50		
head and neck <u>17.62</u>	Lymphangiogram		
liver <u>17.63</u>	abdominal <u>88.04</u>		
lung <u>17.69</u>	cervical <u>87.08</u>		
prostate <u>17.69</u>	intrathoracic <u>87.34</u>		
thyroid <u>17.62</u>	lower limb <u>88.36</u>		
Littlewood operation (forequarter	pelvic <u>88.04</u>		
amputation) <u>84.09</u>	upper limb <u>88.34</u>		
<b>LLETZ</b> (large loop excision of the	Lymphangioplasty <u>40.9</u>		
transformation zone) of cervix 67.32	Lymphangiorrhaphy <u>40.9</u>		
Lloyd-Davies operation (abdominoperineal	Lymphangiotomy <u>40.0</u>		
resection), NOS <u>48.50</u>	Lymphaticostomy <u>40.9</u>		
laparoscopic <u>48.51</u>	thoracic duct <u>40.62</u>		
open <u>48.52</u>	Lysis		
other <u>48.59</u>	adhesions		
Lobectomy	NOTE: bluntomit code		
brain <u>01.53</u>	digital <i>omit code</i>		
partial <u>01.59</u>	manualomit code		
liver (with partial excision of adjacent lobes)	mechanicalomit code		
<u>50.3</u>	without instrumentationomit code		
lung (complete) 32.49	abdominal <u>54.59</u>		
partial <u>32.39</u>	laparoscopic <u>54.51</u>		
thoracoscopic 32.30	appendiceal 54.59		
segmental (with resection of adjacent	laparoscopic <u>54.51</u>		
lobes) <u>32.49</u>	artery-vein-nerve bundle 39.91		
thoracoscopic 32.41	biliary tract 54.59		
thoracoscopic 32.41	laparoscopic <u>54.51</u>		

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Lysis -adhesionsCont.	Lysis -a
bladder (neck) (intraluminal) 57.12	Lysis -6
external 59.11	110
laparoscopic 59.12	
transurethral 57.41	
blood vessels 39.91	no
bonesee category 78.4	00
bursa <u>83.91</u>	0\
by stretching or manipulation 93.28	
hand <u>82.91</u>	ре
cartilage of joint <u>93.26</u>	
chest wall <u>33.99</u>	pe
choanae (nasopharynx) <u>29.54</u>	pe
conjunctiva <u>10.5</u>	pe
corneovitreal <u>12.34</u>	pe
cortical (brain) <u>02.91</u>	p€
ear, middle 20.23	pe
Eustachian tube 20.8	
extraocular muscle <u>15.7</u>	ре
extrauterine 54.59	
laparoscopic <u>54.51</u>	pe
eyelid <u>08.09</u>	n
and conjunctiva 10.5	pe
eye muscle <u>15.7</u> fallopian tube 65.89	pł
laparoscopic 65.81	pi pl
fascia 83.91	sp
hand <u>82.91</u>	sp
by stretching or manipulation 93.26	sp
gallbladder 54.59	34
laparoscopic 54.51	te
ganglion (peripheral) NEC <u>04.49</u>	
cranial NEC <u>04.42</u>	
hand <u>82.91</u>	
by stretching or manipulation 93.26	th
heart <u>37.10</u>	to
intestines <u>54.59</u>	tra
laparoscopic <u>54.51</u>	tu
iris (posterior) <u>12.33</u> anterior <u>12.32</u>	
	ur
joint (capsule) (structure)see also	
Division, joint capsule 80.40	
kidney <u>59.02</u> Iaparoscopic <u>59.03</u>	
labia (vulva) 71.01	ur
larynx 31.92	ut
liver 54.59	ut
laparoscopic 54.51	
lung (for collapse of lung) 33.39	
mediastinum 34.99	
meninges (spinal) 03.6	va
cortical 02.91	vi
middle ear 20.23	
muscle <u>83.91</u>	Vι
by stretching or manipulation 93.27	goni
extraocular <u>15.7</u>	-
hand <u>82.91</u>	syne
by stretching or manipulation <u>93.26</u>	ar
nasopharynx <u>29.54</u>	

ysis -adhesionsCont.
nerve (peripheral) NEC 04.49
cranial NEC <u>04.42</u>
roots, spinal 03.6
trigeminal 04.41
nose, nasal <u>21.91</u>
ocular muscle 15.7
ovary 65.89
laparoscopic <u>65.81</u>
pelvic <u>54.59</u>
laparoscopic 54.51
penile 64.93
pericardium <u>37.12</u>
perineal (female) 71.01 peripheral vessels 39.91
perirectal 48.81
perirenal 59.02
laparoscopic 59.03
peritoneum (pelvic) <u>54.59</u>
laparoscopic 54.51
periureteral 59.02
laparoscopic 59.03
perivesical 59.11
laparoscopic <u>59.12</u>
pharynx 29.54
pleura (for collapse of lung) 33.39
spermatic cord 63.94
spinal (cord) (meninges) (nerve roots) <u>03.6</u>
spleen <u>54.59</u>
laparoscopic <u>54.51</u>
tendon 83.91
by stretching or manipulation 93.27
hand <u>82.91</u> by stretching or manipulation 93.26
thorax <u>34.99</u>
tongue <u>25.93</u>
trachea 31.92
tubo-ovarian 65.89
laparoscopic 65.81
ureter <u>59.02</u> with freeing or repositioning of ureter
59.02
intraluminal 56.81
laparoscopic 59.03
urethra (intraluminal) 58.5
uterus <u>54.59</u>
intraluminal <u>68.21</u>
laparoscopic <u>54.51</u>
peritoneal 54.59
laparoscopic <u>54.51</u>
vagina (intraluminal) 70.13
vitreous (posterior approach) 14.74
anterior approach 14.73
vulva <u>71.01</u>
goniosynechiae (with injection of air or liquid)
12.31
synechiae (posterior) 12.33
anterior (with injection of air or liquid)
12.32

## М

Madlener operation (tubal ligation) 66.31	Mammotomy <u>85.0</u>
Magnet extraction	Manchester (-Donald) (-Fothergill)
foreign body	operation (uterine suspension) 69.22
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closure <u>55.82</u>	
percutaneous <u>55.03</u>	
with fragmentation (ultrasound) <u>55.04</u>	t
Nephrotomogram, nephrotomography NE	EC
<u>87.72</u>	
Nephrotomy <u>55.01</u>	
Nephroureterectomy (with bladder cuff)	
55.51	
Nephroureterocystectomy <u>55.51</u> [ <u>57.79</u> ]	
Nerve block (cranial) (peripheral) NEC	
see also Block, by site 04.81	
Neurectasis (cranial) (peripheral) 04.91	
Neurectomy (cranial) (infraorbital) (occipita	al)
(peripheral) (spinal) NEC <u>04.07</u>	/
gastric (vagus)see also Vagotomy 44.00	)
opticociliary 12.79	-
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paracervical VJ.22	

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NeurectomyCont.
sympathetic see Sympathectomy
trigeminal 04.07
tympanic 20.91
Neurexeresis NEC <u>04.07</u>
Neuroablation
radiofrequency <u>04.2</u>
Neuroanastomosis(cranial)(peripheral) NEC
04.74
accessory-facial 04.72
accessory-hypoglossal <u>04.73</u>
hypoglossal-facial <u>04.71</u>
NeuroFlo™ catheter for partial (temporary)
abdominal aorta occlusion 39.77
Neurolysis (peripheral nerve) NEC <u>04.49</u>
carpal tunnel 04.43
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Neuromonitoring
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Neurorrhaphy (cranial) (peripheral) 04.3
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04.04
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lacrimal branch <u>05.0</u>
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stimulation) <u>37.20</u>
Nissen operation (fundoplication of stomach)
<u>44.66</u>
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<b>Noble operation</b> (plication of small intestine)
<u>46.62</u>
Norman Miller operation (vaginopexy) 70.77
with graft or prosthesis <u>70.78</u>
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section) <u>74.2</u>
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Nutrition, concentrated substances
enteral infusion (of) 96.6
parenteral, (total) 99.15
peripheral parenteral <u>99.15</u>

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obliteration bone cavitysee also Osteoplasty 78.40 calyceal diverticulum 55.39 canaliculi 09.6 cerebrospinal fistula 02.12 uid-de-sac 70.92 with graft or prosthesis 70.93 frontal sinus (with fat) 22.42 lacrimal puncture 09.91 lumbar pseudomeningocele 03.51 lymphatic structure(s) (peripheral) 40.9 maxillary sinus 22.31 meningocele (sacral) 03.51 pelvic 68.8 pleural cavity 34.6 sacral meningocele (3.51 skene's gland 71.3 tympanomastoid cavity 19.9 vagina, vaginal (partial) (total) 70.4 vault 70.8 Occlusal molds (dental) 89.31 Occlusion artery by embolization-see Embolization, artery by ligationsee Ligation, fallopian tube patent ductus arteriosus (PDA) 38.85 vein by embolizationsee Embolization, vein by endowascular approachsee Embolization, vein by endowascular approachsee Embolization, vein by ligationsee Ligation, vein by endowascular approachsee Embolization, vein by ligationsee Ligation, vein by ligationsee Ligation, vein by endowascular approachsee Embolization, vein by ligationsee Ligation, vein by endowascular approachsee Embolization, vein by ligationsee Ligation, vein by endowascular approachsee Embolization, vein by endowascular approachsee Embolization, vein by endowascular approachsee Embolization, vein by ligationsee Ligation, vein by endowascular approachsee Embolization, vein by endowascular approachsee Embolization, vein by ligationsee Ligation, vein by endowascular approachsee Alvalvulotomy, by site open heart techniquesee Valvulotomy, by site open heart techn	Ober (-Yount) operation (gluteal-iliotibial	Onychotomy <u>86.09</u>
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	Unycnoplasty 86.86	agenoids NEC <u>28.99</u>



OperationCont.	OperationCont.
adrenal (gland) (nerve) (vessel) NEC <u>07.49</u>	Bell-Beuttner (subtotal abdominal
Albee	hysterectomy) <u>68.39</u>
bone peg, femoral neck <u>78.05</u>	Belsey (esophagogastric sphincter) 44.65
graft for slipping patella 78.06	Benenenti (rotation of bulbous urethra)
sliding inlay graft, tibia 78.07	<u>58.49</u>
Albert (arthrodesis, knee) 81.22	Berke (levator resection eyelid) 08.33
Aldridge (-Studdiford) (urethral sling) 59.5	Biesenberger (size reduction of breast,
Alexander	bilateral) 85.32
prostatectomy	unilateral 85.31
perineal 60.62	Bigelow (litholapaxy) <u>57.0</u>
suprapubic 60.3	biliary (duct) (tract) NEC 51.99
shortening of round ligaments of uterus	Billroth I (partial gastrectomy with
69.22	gastroduodenostomy) 43.6
Alexander-Adams (shortening of round	Billroth II (partial gastrectomy with
ligaments of uterus) 69.22	gastrojejunostomy) 43.7
Almoor (extrapetrosal drainage) 20.22	Binnie (hepatopexy) 50.69
Altemeier (perineal rectal pull-through) 48.49	Bischoff (ureteroneocystostomy) 56.74
Ammon (dacryocystotomy) 09.53	bisection hysterectomy 68.39
Anderson (tibial lengthening) 78.37	laparoscopic 68.31
Anel (dilation of lacrimal duct) 09.42	Bishoff (spinal myelotomy) 03.29
anterior chamber (eye) NEC 12.99	bladder NEC 57.99
anti-incontinence NEC 59.79	flap 56.74
antrum window (nasal sinus) 22.2	
, , ,	Blalock (systemic-pulmonary anastomosis)
with Caldwell-Luc approach 22.39	39.0  Placek Hanlan (creation of atrial contal
anus NEC 49.99	Blalock-Hanlon (creation of atrial septal defect) 35.42
aortic body NEC 39.89	·
aorticopulmonary window 39.59	Blalock-Taussig (subclavian-pulmonary anastomosis) 39.0
appendix NEC <u>47.99</u> Arslan (fenestration of inner ear) 20.61	Blascovic (resection and advancement of
artery NEC 39.99	levator palpebrae superioris) 08.33
Asai (larynx) 31.75	blood vessel NEC 39.99
Baffes (interatrial transposition of venous	Blount
return) 35.91	femoral shortening(with blade plate) 78.25
Baldy-Webster (uterine suspension) 69.22	by epiphyseal stapling 78.25
Ball	Boari (bladder flap) 56.74
herniorrhaphy <i>-see</i> Repair, hernia, inguinal	Bobb (cholelithotomy) 51.04
undercutting 49.02	bone NECsee category 78.4
Bankhart (capsular repair into glenoid, for	facial 76.99
shoulder dislocation) 81.82	injury NECsee category 79.9
Bardenheurer (ligation of innominate artery)	marrow NEC 41.98
38.85	skull NEC 02.99
Barkan (goniotomy) 12.52	Bonney (abdominal hysterectomy) 68.49
with goniopuncture 12.53	laparoscopic 68.41
Barr (transfer of tibialis posterior tendon)	Borthen (iridotasis) 12.63
83.75	Bost
Barsky (closure of cleft hand) 82.82	plantar dissection 80.48
Bassett (vulvectomy with inquinal lymph	radiocarpal fusion 81.26
node dissection) 71.5 [40.3]	Bosworth
Bassini (herniorrhaphy)see Repair, hernia,	arthroplasty for acromioclavicular
inguinal	separation <u>81.83</u>
Batch-Spittler-McFaddin (knee disarticulation)	fusion of posterior lumbar spine 81.08
<u>84.16</u>	for pseudarthrosis 81.38
Batista (partial ventriculectomy)(ventricular	resection of radial head ligaments
reduction)(ventricular remodeling) 37.35	(for tennis elbow) 80.92
Beck I (epicardial poudrage) 36.39	shelf procedure, hip 81.40
Beck II (aorta-coronary sinus shunt) <u>36.39</u>	Bottle (repair of hydrocele of tunica
Beck-Jianu (permanent gastrostomy) 43.19	vaginalis) <u>61.2</u>
	Boyd (hip disarticulation) 84.18

Operation ---Cont.

brain NEC <u>02.99</u>	Clayton (resection of metatarsal heads
Brauer (cardiolysis) <u>37.10</u>	and bases of phalanges) <u>77.88</u>
breast NEC <u>85.99</u>	clitoris NEC 71.4
Bricker (ileoureterostomy) <u>56.51</u>	cocked hat (metacarpal lengthening and
Bristow (repair of shoulder dislocation) <u>81.82</u>	transfer of local flap) <u>82.69</u>
Brock (pulmonary valvulotomy) <u>35.03</u>	Cockett (varicose vein)
Brockman (soft tissue release for clubfoot)	lower limb <u>38.59</u>
<u>83.84</u>	upper limb <u>38.53</u>
bronchus NEC <u>33.98</u>	Cody tack (perforation of footplate) 19.0
Browne (-Denis)(hypospadias repair) 58.45	Coffey (uterine suspension) (Meigs'
Brunschwig (temporary gastrostomy) 43.19	modification) 69.22
buccal cavity NEC <u>27.99</u>	Cole (anterior tarsal wedge osteotomy)
Bunnell (tendon transfer) 82.56	<u>77.28</u>
Burch procedure (retropubic urethral	Collis-Nissen (hiatal hernia repair) 53.80
suspension for urinary stress	colon NEC <u>46.99</u>
incontinence) <u>59.5</u>	Colonna
Burgess (amputation of ankle) 84.14	adductor tenotomy (first stage) 83.12
bursa NEC <u>83.99</u>	hip arthroplasty (second stage) 81.40
hand <u>82.99</u>	reconstruction of hip (second stage)
bypasssee Bypass	81.40
Caldwell (sulcus extension) 24.91	commando (radical glossectomy) 25.4
Caldwell-Luc (maxillary sinusotomy) 22.39	conjunctiva NEC 83.12
with removal of membrane lining 22.31	destructive NEC 10.33
Callander (knee disarticulation) 84.16	cornea NEC <u>11.99</u>
Campbell	Coventry (tibial wedge osteotomy) 77.27
bone block, ankle <u>81.11</u>	Cox-maze procedure (ablation or
fasciotomy (iliac crest) 83.14	destruction of heart tissue)see
reconstruction of anterior cruciate	maze procedure
ligaments 81.45	Crawford (tarso-frontalis sling of eyelid)
canthus NEC 08.99	08.32
cardiac NEC 37.99	cul-de-sac NEC 70.92
septum NEC 35.98	Culp-Deweerd (spiral flap pyeloplasty)
valve NEC 35.99	55.87
carotid body or gland NEC 39.89	Culp-Scardino (ureteral flap pyeloplasty)
Carroll and Taber (arthroplasty proximal	55.87
interphalangeal joint) 81.72	Curtis (interphalangeal joint arthroplasty)
Cattell (herniorrhaphy) 53.51	81.72
Cecil (urethral reconstruction) 58.46	cystocele NEC <u>70.51</u>
cecum NEC 46.99	Dahlman (excision of esophageal
cerebral (meninges) NEC <u>02.99</u>	diverticulum) 42.31
cervix NEC 69.99	Dana (posterior rhizotomy) 03.1
Chandler (hip fusion) 81.21	Danforth (fetal) 73.8
Charles (correction of lymphedema) 40.9	Darrach (ulnar resection) 77.83
Charnley (compression arthrodesis)	Davis (intubated ureterotomy) 56.2
ankle <u>81.11</u>	de Grandmont (tarsectomy) 08.35
hip 81.21	Delorme
knee 81.22	pericardiectomy <u>37.31</u>
Cheatle-Henrysee Repair, hernia, femoral	proctopexy 48.76
chest cavity NEC 34.99	repair of prolapsed rectum 48.76
Chevalier-Jackson (partial laryngectomy) 30.29	thoracoplasty 33.34
Child (radical subtotal pancreatectomy) 52.53	Denker (radical maxillary antrotomy)
Chopart (midtarsal amputation) 84.12	22.31
chordae tendineae NEC 35.32	Dennis-Varco (herniorrhaphy)
choroid NEC 14.9	see Repair, hernia, femoral
ciliary body NEC 12.98	Denonvillier (limited rhinoplasty) 21.86
cisterna chyli NEC 40.69	dental NEC 24.99
Clagett (closure of chest wall following	orthodontic NEC 24.8
ciagett (ciosare of chest wan following	
open flap drainage) <u>34.72</u>	Derlacki (tympanoplasty) 19.4

Operation ---Cont.



OperationCont.	OperationCont.
diaphragm NEC <u>34.89</u>	Estes (ovary) <u>65.72</u>
Dickson (fascial transplant) 83.82	laparoscopic <u>65.75</u>
Dickson-Diveley (tendon transfer and	Estlander (thoracoplasty) 33.34
arthrodesis to correct claw toe) <u>77.57</u>	Evans (release of clubfoot) <u>83.84</u>
Dieffenbach (hip disarticulation) 84.18	extraocular muscle NEC <u>15.9</u>
digestive tract NEC <u>46.99</u>	multiple (two or more muscles) <u>15.4</u>
Doleris (shortening of round ligaments) 69.22	with temporary detachment from
D'Ombrain (excision of pterygium with	globe <u>15.3</u>
corneal graft) <u>11.32</u>	revision <u>15.6</u>
Dorrance (push-back operation for cleft	single <u>15.29</u>
palate) <u>27.62</u>	with temporary detachment from
Dotter (transluminal angioplasty) 39.59	globe <u>15.19</u>
Douglas (suture of tongue to lip for	eyeball NEC <u>16.99</u>
micrognathia) 25.59	eyelid(s) NEC <u>08.99</u>
Doyle (paracervical uterine	face NEC <u>27.99</u>
denervation) 69.3	facial bone or joint NEC 76.99
Dühamel (abdominoperineal	fallopian tube NEC 66.99
pull-through) 48.65	Farabeuf (ischiopubiotomy) 77.39
Duhrssen (vaginofixation of uterus) 69.22	Fasanella-Servatt(blepharoptosis
Dunn (triple arthrodesis) 81.12	repair) <u>08.35</u>
duodenum NEC <u>46.99</u>	fascia NEC <u>83.99</u>
Dupuytren 62.35	hand <u>82.99</u>
fasciectomy 82.35	female (genital organs) NEC 71.9
fasciotomy <u>82.12</u> with excision <u>82.35</u>	hysterectomy NEC <u>68.9</u>
shoulder disarticulation 84.08	fenestration (aorta) <u>39.54</u> Ferguson (hernia repair) 53.00
Durham (-Caldwell) (transfer of biceps	Fick (perforation of footplate) 19.0
femoris tendon) 83.75	filtering (for glaucoma) 12.79
DuToit and Roux (staple	with iridectomy 12.65
capsulorrhaphy of shoulder) 81.82	Finney (pyloroplasty) 44.29
DuVries (tenoplasty) 83.88	fistulizing, sclera NEC 12.69
Dwyer	Foley (pyeloplasty) 55.87
fasciotomy 83.14	Fontan (creation of conduit between
soft tissue release NEC 83.84	right atrium and pulmonary artery)
wedge osteotomy, calcaneus 77.28	35.94
Eagleton (extrapetrosal drainage) 20.22	Fothergill(-Donald)(uterine suspension)
ear (external) NEC 18.9	69.22
middle or inner NEC 20.99	Fowler
Eden-Hybinette (glenoid bone block) 78.01	arthroplasty of metacarpophalangeal
Effler (heart) 36.2	joint <u>81.72</u>
Eggers	release (mallet finger repair) <u>82.84</u>
tendon release(patellar retinacula) 83.13	tenodesis (hand) <u>82.85</u>
tendon transfer (biceps femoris tendon)	thoracoplasty <u>33.34</u>
(hamstring tendon) <u>83.75</u>	Fox (entropion repair with wedge
Elliot(scleral trephination with iridectomy)	resection) <u>08.43</u>
<u>12.61</u>	Franco (suprapubic cystotomy) <u>57.19</u>
Ellis Jones(repair of peroneal tendon) <u>83.88</u>	Frank (permanent gastrostomy) <u>43.19</u>
Ellison (reinforcement of collateral ligament)	Frazier (-Spiller) (subtemporal
81.44	trigeminal rhizotomy) <u>04.02</u>
Elmslie-Cholmeley(tarsal wedge osteotomy)	Fredet-Ramstedt (pyloromyotomy)
<u>77.28</u>	(with wedge resection) 43.3
Eloesser	Frenckner (intrapetrosal drainage) 20.22
thoracoplasty 33.34	Frickman (abdominal proctopexy) 48.75
thoracostomy <u>34.09</u>	Frommel (shortening of uterosacral
Emmet (cervix) 67.61	ligaments) <u>69.22</u>
endorectal pull-through 48.41	
epididymis NEC <u>63.99</u>	
esophagus NEC <u>42.99</u>	

OperationCont.	OperationCont.
Gabriel (abdominoperineal resection of	Gross (herniorrhaphy)
rectum), NOS <u>48.50</u>	laparoscopic 53.43
laparoscopic 48.51	with graft or prosthesis 53.42
open 48.52	other and open with graft or
other 48.59	prosthesis <u>53.41</u>
gallbladder NEC 51.99	other open 53.49
ganglia NEC 04.99	gum NEC 24.39
sympathetic <u>05.89</u>	Guyon (amputation of ankle) 84.13
Gant(wedge osteotomy of trochanter) 77.25	Hagner (epididymotomy) 63.92
Garceau (tibial tendon transfer) 83.75	Halstedsee Repair, hernia, inguinal
Gardner (spinal meningocele repair) 03.51	Halsted mastectomy <u>85.45</u>
gastric NEC <u>44.99</u>	Hampton (anastomosis small intestine
Gelman (release of clubfoot) 83.84	to rectal stump) <u>45.92</u>
genital organ NEC	hanging hip (muscle release) <u>83.19</u>
female <u>71.9</u>	harelip <u>27.54</u>
male <u>64.99</u>	Harrison-Richardson (vaginal
Ghormley (hip fusion) 81.21	suspension) 70.77
Giffod	with graft or prosthesis 70.78
destruction of lacrimal sac <u>09.6</u>	Hartmannsee Colectomy, by site
keratotomy (delimiting) 11.1	Hauser
Gill	achillotenotomy <u>83.11</u>
arthrodesis of shoulder <u>81.23</u>	bunionectomy with adductor tendon
laminectomy <u>03.09</u>	transfer <u>77.53</u>
Gill-Stein (carporadial arthrodesis) 81.25	stabilization of patella 81.44
Gilliam (uterine suspension) 69.22	Heaney (vaginal hysterectomy) 68.59
Girdlestone laminectomy with spinal fusion 81.00	laparoscopically assisted (LAVH) <u>68.5</u> heart NEC <u>37.99</u>
muscle transfer for claw toe 77.57	valve NEC 35.99
resection of femoral head and neck	adjacent structure NEC 35.39
(without insertion of joint	Hegar (perineorrhaphy) 71.79
prosthesis) 77.85	Heine (cyclodialysis) 12.55
with replacement prosthesis	Heineke-Mikulicz (pyloroplasty)
see Implant, joint, hip	see category 44.2
resection of hip prosthesis 80.05	Heller (esophagomyotomy) 42.7
with replacement prosthesis	Hellström (transplantation of aberrant
see Implant, joint, hip	renal vessel) 39.55
Girdlestone-Taylor (muscle transfer for	hemorrhoids NEC 49.49
claw toe repair) 77.57	Henley (jejunal transposition) 43.81
glaucoma NEC <u>12.79</u>	hepatic NEC <u>50.99</u>
Glenn (anastomosis of superior vena cava	hernia <i>see</i> Repair, hernia
to right pulmonary artery) <u>39.21</u>	Hey (amputation of foot) <u>84.12</u>
globus pallidus NEC <u>01.42</u>	Hey-Groves (reconstruction of anterior
Goebel-Frangenheim-Stoeckel	cruciate ligament) <u>81.45</u>
(urethrovesical suspension) <u>59.4</u>	Heyman (soft tissue release for
Goldner (clubfoot release) <u>80.48</u>	clubfoot) 83.84
Goldthwaite	Heyman-Herndon (-Strong) (correction
ankle stabilization 81.11	of metatarsus varus) <u>80.48</u>
patella stabilization 81.44	Hibbs (lumbar spinal fusion)
tendon transfer for patella	see Fusion, lumbar
dislocation 81.44	Higginssee Repair, hernia, femoral
Goodall-Power (vagina) 70.4	Hill-Allison (hiatal hernia repair,
Gordon-Taylor (hindquarter	transpleural approach) 53.80
amputation) <u>84.19</u> Graber-Duvernay (drilling femoral head)	Hitchcock (anchoring tendon of biceps) 83.88
77.15	Hofmeister (gastrectomy) <u>43.7</u>
Green (scapulopexy) 78.41	Hoke
Grice (subtalar arthrodesis) 81.13	midtarsal fusion 81.14
Critti-Stokes (knee disarticulation) 84 16	triple arthrodesis 81 12



OperationCont.	OperationCont.
Holth	Kock pouch
iridencleisis <u>12.63</u>	bowel anastomosisomit code
sclerectomy <u>12.65</u>	continent ileostomy 46.22
Homan (correction of lymphedema) 40.9	cutaneous uretero-ileostomy 56.51
Hutch (ureteroneocystostomy) 56.74	ESWL (electrocorporeal shockwave
Hybinette-eden (glenoid bone block) 78.01	lithotripsy) 98.51
hymen NEC 70.91	removal, calculus 57.19
hypopharynx NEC 29.99	revision, cutaneous uretero-ileostomy
hypophysis NEC 07.79	56.52
ileal loop <u>56.51</u>	urinary diversion procedure 56.51
ileum NEC 46.99	Kondoleon(correction of lymphedema)
intestine NEC 46.99	40.9
iris NEC <u>12.97</u>	Krause (sympathetic denervation) 05.29
inclusion 12.63	Kroener (partial salpingectomy) 66.69
Irving (tubal ligation) 66.32	Kroenlein (lateral orbitotomy) 16.01
Irwinsee also Osteotomy 77.30	Kronig (low cervical cesarean section)
Jaboulay (gastroduodenostomy) 44.39	74.1
laparoscopic <u>44.38</u>	Krukenberg (reconstruction of
Janeway (permanent gastrostomy) 43.19	below-elbow amputation) <u>82.89</u>
Jatene (arterial switch) <u>35.84</u>	Kuhnt-Szymanowski (ectropion repair
jejunum NEC <u>46.99</u>	with lid reconstruction) <u>08.44</u>
Johanson (urethral reconstruction) <u>58.46</u>	Labbe (gastrotomy) <u>43.0</u>
joint (capsule) (ligament) (structure) NEC	labia NEC <u>71.8</u>
81.99	lacrimal
facial NEC 76.99	gland 09.3
Jones	system NEC 09.99
claw toe (transfer of extensor hallucis	Ladd (mobilization of intestine) 54.95
longus tendon) 77.57	Lagrange (iridosclerectomy) 12.65
modified (with arthrodesis) 77.57	Lambrinudi (triple arthrodesis) 81.12
dacryocystorhinostomy 09.81	Langenbeck (cleft palate repair) 27.62
hammer toe (interphalangeal fusion) 77.56	Lapidus (bunionectomy with metatarsal
modified (tendon transfer with	osteotomy) 77.51
arthrodesis) 77.57	Larry (shoulder disarticulation) 84.08
repair of peroneal tendon 83.88	larynx NEC 31.98
Joplin (exostectomy with tendon transfer)	Lash
77.53	internal cervical os repair 67.59
Kader (temporary gastrostomy) 43.19	laparoscopic supracervical
Kaufman (for urinary stress incontinence)	hysterectomy 68.31
, ,	· · · · —
59.79	Latzko
Kazanjiian (buccal vestibular sulcus	cesarean section, extraperitoneal 74.2
extension) <u>24.91</u>	colpocleisis <u>70.8</u>
Kehr (hepatopexy) 50.69	Leadbetter (urethral reconstruction) <u>58.46</u>
Keller (bunionectomy) 77.59	Leadbetter-Politano
Kelly (-Kennedy)(urethrovesical plication) <u>59.3</u>	(ureteroneocystostomy) <u>56.74</u>
Kelly-Stoeckel (urethrovesical plication) <u>59.3</u>	Le Fort (colpocleisis) 70.8
Kerr (cesarean section) 74.1	LeMesurier (cleft lip repair) <u>27.54</u>
Kessler (arthroplasty, carpometacarpal	lens NEC <u>13.90</u>
joint) <u>81.74</u>	Leriche (periarterial sympathectomy) <u>05.25</u>
Kidner (excision of accessory navicular	levator muscle sling
bone) (with tendon transfer) <u>77.98</u>	eyelid ptosis repair <u>08.33</u>
kidney NEC <u>55.99</u>	urethrovesical suspension 59.71
Killian (frontal sinusotomy) 22.41	urinary stress incontinence 59.71
King-Steelquist (hindquarter amputation)	lid suture (blepharoptosis) 08.31
84.19	ligament NEC 81.99
Kirk (amputation through thigh) 84.17	broad NEC <u>69.98</u>
	round NEC 69.98
	uterine NEC 69.98
	Lindholm(repair of ruptured tendon) 83.88

OperationCont.	OperationCont.
Linton (varicose vein) 38.59	McBride (bunionectomy with soft tissue
lip NEC <u>27.99</u>	correction) 77.53
Lisfranc	McBurneysee Repair, hernia, inguinal
foot amputation 84.12	McCall (enterocele repair) 70.92
shoulder disarticulation 84.08	with graft or prosthesis 70.93
Littlewood (forequarter amputation) 84.09	McCauley (release of clubfoot) 83.84
liver NEC <u>50.99</u>	McDonald (encirclement suture, cervix)
Lloyd-Davies (abdominoperineal	<u>67.59</u>
resection), NOS <u>48.50</u>	McIndoe (vaginal construction) 70.61
laparoscopic <u>48.51</u>	with graft or prosthesis 70.63
open <u>48.52</u>	McKeever (fusion of first
other <u>48.59</u>	metatarsophalangeal joint for
Longmire (bile duct anastomosis) 51.39	hallux valgus repair) <u>77.52</u>
Lord	McKissock (breast reduction) 85.33
dilation of anal canal for hemorrhoids	McReynolds (transposition of
<u>49.49</u>	pterygium) <u>11.31</u>
hemorrhoidectomy <u>49.49</u>	McVay
orchidopexy <u>62.5</u>	femoral hernia
Lucas and Murray (knee arthrodesis with	see Repair, hernia, femoral
plate) <u>81.22</u>	inguinal hernia
lung NEC <u>33.99</u>	see Repair, hernia, inguinal
Lung volume reduction 32.22	meninges (spinal) NEC <u>03.99</u>
biologic lung volume reduction	cerebral NEC <u>02.99</u>
(BLVR)see category <u>33.7</u>	mesentery NEC <u>54.99</u>
lymphatic structure(s) NEC 40.9	Mikulicz (exteriorization of intestine)
duct, left (thoracic) NEC 40.69	(first stage) <u>46.03</u>
Madlener (tubal ligation) <u>66.31</u>	second stage <u>46.04</u>
Magnuson (-Stack) (arthroplasty for	Miles (complete proctectomy), NOS
recurrent shoulder dislocation) 81.82	<u>48.50</u>
male genital organs NEC <u>64.99</u>	laparoscopic <u>48.51</u>
Manchester (-Donald) (-Fothergill)	open <u>48.52</u>
(uterine suspension) <u>69.22</u>	other <u>48.59</u>
mandible NEC <u>76.99</u>	Millard (cheiloplasty) 27.54
orthognathic 76.64	Miller
Marckwald (cervical os repair) 67.59	midtarsal arthrodesis <u>81.14</u>
Marshall-Marchetti (-Krantz) (retropubic	urethrovesical suspension <u>59.4</u>
urethral suspension) 59.5	Millin-Read (urethrovesical suspension)
Matas (aneurysmorrhaphy) 39.52	<u>59.4</u>
Mayo	Mitchell (hallux valgus repair) 77.51
bunionectomy <u>77.59</u>	Mohs (chemosurgical excision of skin)
herniorrhaphy	86.24
laparoscopic 53.43	Moore (arthroplasty) 81.52
with graft or prosthesis 53.42	Moschowitz
other and open with graft or prosthesis	enterocele repair 70.92
53.41 other open 53.40	with graft or prosthesis 70.93
other open <u>53.49</u>	herniorrhaphysee Repair, hernia, femoral
vaginal hysterectomy <u>68.59</u>	
laparoscopically assisted(LAVH) 68.51 maze procedure (ablation or destruction	sigmoidopexy <u>46.63</u> mouth NEC <u>27.99</u>
of heart tissue)	Muller (banding of pulmonary artery)
by incision (open) 37.33	38.85
by median sternotomy <u>37.33</u>	Mumford (partial claviculectomy) <u>77.81</u>
by peripherally inserted catheter <u>37.34</u>	muscle NEC <u>83.99</u>
by thoracotomy without thoracoscope	extraocularsee Operation,
37.33	extraocularsee Operation, extraocular
endovascular approach <u>37.34</u>	hand NEC 82.99
Mazet (knee disarticulation) 84.16	papillary heart NEC <u>35.31</u>
	musculoskeletal system NEC 84.99



OperationCont.	OperationCont.
Mustard (interatrial transposition of	Pemberton
venous return) <u>35.91</u>	osteotomy of ilium 77.39
nail (finger) (toe) NEC <u>86.99</u>	rectum (mobilization and fixation for
nasal sinus NEC <u>22.9</u>	prolapse repair) <u>48.76</u>
nasopharynx NEC <u>29.99</u>	penis NEC <u>64.98</u>
nerve (cranial) (peripheral) NEC <u>04.99</u>	Pereyra (paraurethral suspension) <u>59.6</u>
adrenal NEC <u>07.49</u>	pericardium NEC <u>37.99</u>
sympathetic NEC <u>05.89</u>	perineum (female) NEC <u>71.8</u>
nervous system NEC <u>05.9</u>	male NEC <u>86.99</u>
Nicola (tenodesis for recurrent	perirectal tissue NEC <u>48.99</u>
dislocation of shoulder) 81.82	perirenal tissue NEC <u>59.92</u>
nipple NEC <u>85.99</u>	peritoneum NEC <u>54.99</u>
Nissen (fundoplication of stomach) 44.66	periurethral tissue NEC <u>58.99</u>
laparoscopic <u>44.67</u>	perivesical tissue NEC <u>59.92</u>
Noble (plication of small intestine) 46.62	pharyngeal flap (cleft palate repair) <u>27.62</u>
node (lymph) NEC <u>40.9</u>	secondary or subsequent <u>27.63</u>
Norman Miller (vaginopexy) <u>70.77</u>	pharynx, pharyngeal (pouch) NEC <u>29.99</u>
with graft or prosthesis <u>70.78</u>	pineal gland NEC <u>07.59</u>
Norton(extraperitoneal cesarean operation)	Pinsker (obliteration of nasoseptal
<u>74.2</u>	telangiectasia) <u>21.07</u>
nose, nasal NEC <u>21.99</u>	Piper (forceps) <u>72.6</u>
sinus NEC <u>22.9</u>	Pirogoff (ankle amputation through
Ober(-Yount)(gluteal-iliotibial fasciotomy)	malleoli of tibia and fibula) <u>84.14</u>
<u>83.14</u>	pituitary gland NEC <u>07.79</u>
obstetric NEC <u>75.99</u>	plastic <i>see</i> Repair, by site
ocular NEC <u>16.99</u>	pleural cavity NEC <u>34.99</u>
musclesee Operation, extraocular muscle	Politano-Leadbetter
O'Donoghue (triad knee repair) 81.43	(ureteroneocystostomy) <u>56.74</u>
Olshausen (uterine suspension) 69.22	pollicization (with nerves and blood
omentum NEC <u>54.99</u>	supply) <u>82.61</u>
ophthalmologic NEC <u>16.99</u>	Polya (gastrectomy) <u>43.7</u>
oral cavity NEC <u>27.99</u>	Pomeroy (ligation and division of
orbicularis muscle sling <u>08.36</u>	fallopian tubes) <u>66.32</u>
orbit NEC <u>16.98</u>	Poncet
oropharynx NEC <u>29.99</u>	lengthening of Achilles tendon 83.85
orthodontic NEC <u>24.8</u>	urethrostomy, perineal <u>58.0</u>
orthognathic NEC <u>76.69</u>	Porro (cesarean section) <u>74.99</u>
Oscar Miller (midtarsal arthrodesis) 81.14	posterior chamber (eye) NEC <u>14.9</u>
Osmond-Clark (soft tissue release with	Potts-Smith (descending aorta-left
peroneus brevis tendon transfer) <u>83.75</u>	pulmonary artery anastomosis) <u>39.0</u>
ovary NEC <u>65.99</u>	Printen and Mason (high gastric bypass)
Oxford (for urinary incontinence) <u>59.4</u>	44.31
palate NEC <u>27.99</u>	prostate NECsee also Prostatectomy
palpebral ligament sling 08.36	<u>60.69</u>
Panas (linear proctotomy) 48.0	specified type 60.99
Pancoast (division of trigeminal nerve at	pterygium <u>11.39</u>
foramen ovale) 04.02	with corneal graft 11.32
pancreas NEC <u>52.99</u>	Puestow (pancreaticojejunostomy) <u>52.96</u>
pantaloon(revision of gastric anastomosis)	pull-through NEC 48.49
44.5	pulmonary NEC 33.99
papillary muscle (heart) NEC 35.31	push-back (cleft palate repair) 27.62
Paquin (ureteroneocystostomy) 56.74	Putti-Platt (capsulorrhaphy of shoulder
parathyroid gland(s) NEC <u>06.99</u>	for recurrent dislocation) 81.82
parotid gland or duct NEC 26.99	pyloric exclusion 44.39
Partsch (marsupialization of dental cyst) <u>24.4</u>	laparoscopic 44.38
Pattee (auditory canal) 18.6	pyriform sinus NEC 29.99
Peet (splanchnic resection) <u>05.29</u>	"rabbit ear" (anterior urethropexy)

Ramsder (intrapetrosal drainage) 20.22 Ramsted (ryloromyctomy) (with wedge resection) 43.3 Rankin exteriorization of intestine 46.03 proctectomy (complete), NOS 48.50 laparoscopic 48.51 open 48.52 other 48.59 Rashkind (balloon septostomy) 35.41 Rastelli (creation of conduit between right ventricle and pulmonary artery) 35.92 in repair of pulmonary artery atresia 35.92 transposition of great vessels 35.92 truncus arteriosus 35.83 Raz-Pereya procedure (bladder neck suspension) 59.79 rectal NEC 48.99 rectocele NEC 70.52 reentry (aorta) 39.54 renal NEC 55.99 respiratory (tracto NEC 33.99 retion NEC 14.9 Ripstein (repair of rectal prolapse) 48.75 Rodney Smith (radical subtotal pancreatectomy) 52.53 Roux-en'y bile duct 51.36 cholecystojejunostomy 51.32 esophagus (intrathoracic) 42.54 gastroenterostomy 44.39 laparoscopic 44.38 gastrojejunostomy 44.39 laparoscopic 44.38 parcreaticojejunostomy 51.32 esophagus (intrathoracic) 42.54 gastroenterostomy 44.39 laparoscopic 44.38 gastrojejunostomy 51.32 esophagus (intrathoracic) 42.54 gastroenterostomy 44.39 laparoscopic 44.38 paroscopic 44.39 paroscopic 44.39 paroscopic 44.39 laparoscopic 54.38 paroscopic 44.39 paroscopic 4	OperationCont.	OperationCont.
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hysterectomy) 68.79 Schede (thoracoplasty) 33.34 Scheie cautery of sclera 12.62 Soft tissue NEC 83.99 hand 82.99 Sonneberg (inferior maxillary neurectomy) 04.07		
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Scheie Sonneberg (inferior maxillary neurectomy) cautery of sclera 12.62 04.07		
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		<u></u>



OperationCont.	OperationCont.
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Virtue Contraction Contraction



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large <u>46.82</u>	anterior column (interbody)
endoscopic (balloon) 46.85	anterolateral (anterior) technique
small <u>46.81</u>	<u>81.36</u>
stomach <u>44.92</u>	anterior lumbar interbody fusion
Reefing, joint capsulesee also Arthroplasty	(ALIF) <u>81.36</u>
<u>81.96</u>	lateral transverse process technique
Re-entry operation (aorta) 39.54	<u>81.37</u>

R

Refusion -spinal-lumbarCont.	ReinsertionCont.
posterior technique 81.38	Holter (-Spitz) valve 02.42
posterior column, posterior	implant (expelled) (extruded)
(posterolateral) (transverse	eyeball (with conjunctival graft) 16.62
process) technique 81.37	orbital 16.62
posterior lumbar interbody fusion (PLIF) 81.	
transforaminal lumbar interbody fusion (TL	
81.38	ureteral stent (transurethral) 59.8
number of vertebraesee	with ureterotomy 59.8 [56.2]
codes 81.62 - 81.64	ureterostomy tube 59.93
	valve
occiput-C2 (anterior) (transoral) (posterior)	
81.31 refusion NEC 91.30	heart (prosthetic) 35.95
refusion NEC 81.39	ventricular (cerebral) <u>02.42</u>
Note : Also use either <u>81.62</u> , <u>81.63</u> , or <u>81.64</u> as	Relaxationsee also Release training 94.33
an additional code to show the total number of	Release
vertebrae fused	carpal tunnel (for nerve decompression)
vertebrae ruseu	<u>04.43</u>
Regional blood flow study 92.05	celiac artery axis <u>39.91</u>
Regulation, menstrual 69.6	central slip, extensor tendon hand
Rehabilitation programs NEC 93.89	(mallet finger repair) <u>82.84</u>
alcohol 94.61	chordee <u>64.42</u>
	clubfoot NEC 83.84
with detoxification 94.63	de Quervain's tenosynovitis 82.01
combined alcohol and drug 94.67	Dupuytren's contracture (by palmar
with detoxification <u>94.69</u>	fasciectomy) 82.35
drug <u>94.64</u>	by fasciotomy (subcutaneous) 82.12
with detoxification 94.66	with excision 82.35
combined drug and alcohol <u>94.67</u>	Fowler (mallet finger repair) 82.84
with detoxification 94.69	joint (capsule) (adherent) (constrictive)
sheltered employment <u>93.85</u>	see also Division, joint capsule 80.40
vocational <u>93.85</u>	
Reimplantation	laryngeal 31.92
adrenal tissue (heterotopic) (orthotopic) 07.45	ligamentsee also Division, ligament 80.40
artery 39.59	median arcuate 39.91
renal, aberrant 39.55	median arcuate ligament 39.91
bile ducts following excision of ampulla of Vater	muscle (division) <u>83.19</u>
51.62	hand <u>82.19</u>
extremitysee Reattachment, extremity	nerve (peripheral) NEC <u>04.49</u>
fallopian tube into uterus 66.74	cranial NEC <u>04.42</u>
kidney <u>55.61</u>	trigeminal <u>04.41</u>
lung 33.5	pressure, intraocular <u>12.79</u>
ovary 65.72	scar tissue
laparoscopic 65.75	skin <u>86.84</u>
pancreatic tissue 52.81	stoma <i>see</i> Revision, stoma
parathyroid tissue (heterotopic) (orthotopic) 06.	os tarsal tunnel <u>04.44</u>
pulmonary artery for hemitruncus repair 35.83	tendon <u>83.13</u>
renal vessel, aberrant 39.55	hand <u>82.11</u>
testis in scrotum 62.5	extensor, central slip (repair mallet
	finger) <u>82.84</u>
thyroid tissue (heterotopic) (orthotopic) <u>06.94</u>	sheath 83.01
tooth 23.5	hand 82.01
ureter into bladder <u>56.74</u>	tenosynovitis 83.01
Reinforcementsee also Repair, by site	abductor pollicis longus 82.01
sclera NEC <u>12.88</u>	de Quervain's 82.01
with graft 12.87	external policis brevis 82.01
<b>Reinsertion</b> see also Insertion or Revision	hand 82.01
cystostomy tube <u>59.94</u>	torsion
fixation device (internal)see also Fixation, bon	intestine 46.80
internal <u>78.50</u>	large 46.82
heart valve (prosthetic) <u>35.95</u>	endoscopic (balloon) 46.85
	Chaoscopic (Sanoon) To.Os

Release -torsion-intestineCont.	Removal -bone fragmentCont.
trigger finger or small <u>46.81</u>	skull <u>01.25</u>
kidney pedicle <u>55.84</u>	with debridement compound fracture
ovary <u>65.95</u>	<u>02.02</u>
testes <u>63.52</u>	bone growth stimulatorsee category 78.6
transverse carpal ligament (for nerve	bony spicules, spinal canal <u>03.53</u>
decompression) <u>04.43</u>	brace <u>97.88</u>
thumb <u>82.01</u>	breast implant <u>85.94</u>
urethral stricture <u>58.5</u>	tissue expander <u>85.96</u>
Volkmann's contracture	bronchial device or substance
excision of scar, muscle <u>83.32</u>	endoscopic <u>33.78</u>
fasciotomy <u>83.14</u>	calcareous deposit
muscle transplantation 83.77	bursa <u>83.03</u>
web contracture (skin) <u>86.84</u>	hand <u>82.03</u>
Reliefsee Release	tendon, intratendinous <u>83.39</u>
Relocationsee also Revision	hand <u>82.29</u>
cardiac device (CRT-D)(CRT-P)(defibrillator)	calcification, heart valve leaflets
(pacemaker) pocket, new site (skin)	-see Valvuloplasty,heart
(subcutaneous) 37.79	calculus
CRT-D pocket 37.79	bile duct (by incision) 51.49
CRT-P pocket 37.79	endoscopic <u>51.88</u>
subcutaneous device pocket NEC <u>86.09</u>	laparoscopic 51.88
Remobilization	percutaneous 51.98
joint <u>93.16</u>	bladder (by incision) 57.19
stapes 19.0	without incision 57.0
Remodel	common duct (by incision) <u>51.41</u>
ventricle <u>37.35</u> <b>Removal</b> see also Excision	endoscopic <u>51.88</u> laparoscopic <u>51.88</u>
Abrams bar (chest wall) 34.01	percutaneous 51.96
	gallbladder <u>51.04</u>
abscesssee Incision, by site adenoid tag(s) <u>28.6</u>	endoscopic 51.88
anal sphincter	laparoscopic 51.88
with revision 49.75	kidney (by incision) 55.01
with revision 49.76	without incision (transurethral) 56.0
arch bars (orthodontic) 24.8	percutaneous 55.03
immobilization device 97.33	with fragmentation (ultrasound) <u>55.04</u>
artificial heart	renal pelvis (by incision) 55.11
internal biventricular replacement system	percutaneous nephostomy <u>55.03</u>
37.55	with fragmentation 55.04
arterial graft or prosthesis 39.49	transurethral 56.0
arteriovenous shunt (device) 39.43	lacrimal
with creation of new shunt 39.42	canaliculi 09.42
Barton's tongs (skull) <u>02.95</u>	by incision <u>09.52</u>
with synchronous replacement 02.94	gland <u>09.3</u>
bladder sphincter, artificial <u>58.99</u>	by incision <u>09.0</u>
with replacement <u>58.93</u>	passage(s) <u>09.49</u>
blood clotsee also Incision, by site	by incision <u>09.59</u>
bladder (by incision) <u>57.19</u>	punctum <u>09.41</u>
without incision 57.0	by incision <u>09.51</u>
kidney (without incision) <u>56.0</u>	sac <u>09.49</u>
by incision <u>55.01</u>	by incision <u>09.53</u>
ureter	pancreatic duct (by incision) <u>52.09</u>
by incision <u>56.2</u>	endoscopic <u>52.94</u>
bone fragment (chip)see also Incision, bone	perirenal tissue <u>59.09</u>
<u>77.10</u>	pharynx <u>29.39</u>
jointsee also Arthrotomy <u>80.10</u>	prostate <u>60.0</u>
necroticsee also Sequestrectomy, bone	salivary gland (by incision) <u>26.0</u>
<u>77.00</u>	by probe <u>26.91</u>
jointsee also Arthrotomy <u>80.10</u>	

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RemovalCont.	Removal -cystCont.
ureter (by incision) <u>56.2</u>	endoscopic <u>32.28</u>
without incision <u>56.0</u>	thoracoscopic <u>32.20</u>
urethra (by incision) <u>58.0</u>	cystic duct remnant <u>51.61</u>
without incision 58.6	decidua (by)
caliper tongs (skull) <u>02.95</u>	aspiration curettage 69.52
cannula	curettage (D and C) 69.02
for extracorporeal membrane oxygenation	manual 75.4
(ECMO)omit code	dental wiring(immobilization device) 97.33
cardiac pacemaker (device) (initial)	orthodontic 24.8
(permanent)(cardiac resynchronization	device (therapeutic) NEC 97.89
device,CRT-P) 37.89	abdomen NEC 97.86
with replacement (by)	bronchus 33.78
cardiac resynchronization pacemaker (CRT-	P) valve 33.78
device only 00.53	digestive system NEC 97.59
total system 00.50	drainagesee Removal, tube
dual chamber device 37.87	external fixation device 97.88
single-chamber device 37.85	mandibular NEC 97.36
rate responsive 37.86	minifixator (bone)see category 78.6
cardioverter/defibrillator pulse generator	for musculoskeletal immobilization
without replacement (cardiac resynchronization	
defibrillator device (CRT-D)) 37.79	genital tract NEC 97.79
cast 97.88	head and neck NEC 97.39
with reapplication 97.13	intrauterine contraceptive 97.71
lower limb 97.12	spine 80.09
upper limb 97.11	thorax NEC 97.49
catheter (indwelling)see also Removal, tube	trunk NEC 97.87
bladder 97.64	urinary system NEC <u>97.69</u>
cranial cavity 01.27	diaphragm, vagina 97.73
middle ear (tympanum) 20.1	drainage devicesee Removal, tube
ureter 97.62	dye, spinal canal <u>03.31</u>
urinary 97.64	ectopic fetus (from) 66.02
CCM (cardiac contractility modulation) without	abdominal cavity 74.3
replacement (rechargeable pulse generator)	
(total system) 37.79	fallopian tube (by salpingostomy) 66.02
cerclage material, cervix 69.96	by salpingotomy 66.01
cerumen, ear 96.52	with salpingectomy 66.62
corneal epithelium <u>11.41</u>	intraligamentous <u>74.3</u>
for smear or culture <u>11.21</u>	ovarian <u>74.3</u>
coronary artery obstruction (thrombus) <u>36.09</u>	peritoneal (following uterine or tubal
direct intracoronary artery infusion <u>36.04</u>	rupture) <u>74.3</u>
open chest approach <u>36.03</u>	site NEC <u>74.3</u>
percutaneous transluminal (balloon)	tubal (by salpingostomy) <u>66.02</u>
Note: Also use 00.40, 00.41, 00.42, or	by salpingotomy <u>66.01</u>
00.43 to show the total number of	with salpingectomy <u>66.62</u>
vessels treated. Use code 00.44	electrodes
once to show procedure on a	bone growth stimulatorsee category 78.6
bifurcated vessel. In addition, use	brain <u>01.22</u>
00.45, 00.46, 00.47, or 00.48 to	depth <u>01.22</u>
show the number of vascular stents	with synchronous replacement <u>02.93</u>
inserted.	foramen ovale <u>01.22</u>
	with synchronous replacement <u>02.93</u>
with thrombolytic agent infusion <u>36.02</u>	sphenoidalomit code
multiple vessels 36.05	with synchronous replacement <u>02.96</u>
Crutchfield tongs (skull) 02.95	cardiac pacemaker (atrial) (transvenous)
with synchronous replacement <u>02.94</u>	(ventricular) 37.77
cystsee also Excision, lesion, by site	with replacement 37.76
dental <u>24.4</u>	
lung <u>32.29</u>	

Removal -electrodesCont	Removal -embolusCont.
carotid sinus <u>39.87</u>	intracranial vessel
with synchronous pulse	endovascular approach <u>39.74</u>
generator removal (total	open approach, intracranial vessels
system) <u>39.86</u>	<u>38.01</u>
with synchronous replacement 39.82	open approach, other vessels of
depth <u>01.22</u>	head and neck <u>38.02</u>
with synchronous replacement <u>02.93</u>	lower limb
epicardial (myocardial) 37.77	artery <u>38.08</u>
with replacement (by)	vein <u>38.09</u>
atrial and/or ventricular lead(s) (electrode)	pulmonary (artery) (vein) 38.05
3 <u>7.76</u> epicardial lead 37.74	thoracic vessel NEC 38.05
epidural pegs 01.22	upper limb (artery) (vein) 38.03 embryosee Removal, ectopic fetus
with synchronous replacement <u>02.93</u> foramen ovale 01.22	encircling tube, eye (episcleral) 14.6 epithelial downgrowth, anterior chamber
with synchronous replacement 02.93	12.93
gastric 04.93	external fixation device <u>97.88</u>
with synchronous replacement <u>04.92</u>	mandibular NEC 97.36
intracranial 01.22	minifixator (bone)see category $\frac{78.6}{}$
with synchronous replacement 02.93	extrauterine embryosee Removal, ectopic
peripheral nerve 04.93	fetus
with synchronous replacement 04.92	eyeball 16.49
sacral nerve 04.93	with implant 16.42
sphenoidalomit code	with attachment of muscles 16.41
with synchronous replacement 02.96	fallopian tubesee Salpingectomy
spinal 03.94	feces (impacted) (by flushing) (manual) 96.38
with synchronous replacement 03.93	fetus, ectopicsee Removal, ectopic fetus
temporary transvenous pacemaker systemor	
code	fixation device
electroencephalographic receiver (brain)	external 97.88
(intracranial) 01.22	mandibular NEC 97.36
with synchronous replacement 02.93	minifixator (bone)see category 78.6
electronic	internal 78.60
stimulatorsee Removal, neurostimulator, by	carpal, metacarpal <u>78.64</u>
site	clavicle <u>78.61</u>
bladder <u>57.98</u>	facial (bone) <u>76.97</u>
bone <u>78.6</u>	femur <u>78.65</u>
skeletal muscle <u>83.93</u>	fibula <u>78.67</u>
with synchronous replacement 83.92	humerus <u>78.62</u>
ureter <u>56.94</u>	patella <u>78.66</u>
electrostimulatorsee Removal, electronic,	pelvic <u>78.69</u>
stimulator, by site	phalanges (foot) (hand) 78.69
embolus <u>38.00</u>	radius <u>78.63</u>
with endarterectomysee	scapula <u>78.61</u>
Endarterectomy	specified site NEC 78.69
abdominal	tarsal, metatarsal <u>78.68</u>
artery <u>38.06</u>	thorax (ribs) (sternum) 78.61
vein <u>38.07</u>	tibia <u>78.67</u>
aorta (arch) (ascending) (descending) 38.04 arteriovenous shunt or cannula 39.49	ulna <u>78.63</u> vertebrae 78.69
bovine graft 39.49	foreign body NECsee also Incision, by
head and neck vessel	site 98.20
endovascular approach 39.74	abdominal (cavity) 54.92
open approach, intracranial vessels 38.01	wall 54.0
open approach, other vessels of head and	adenoid 98.13
neck 38.02	by incision 28.91
1100K 30.0E	alveolus, alveolar bone 98.22
	by incision 24.0
	2, meision <u>21.0</u>



Removal -foreign bodyCont.	Removal -foreign bodyCont.
antecubital fossa <u>98.27</u>	eyelid <u>98.22</u>
by incision <u>86.05</u>	by incision <u>08.09</u>
anterior chamber <u>12.00</u>	fallopian tube
by incision <u>12.02</u>	by salpingostomy <u>66.02</u>
with use of magnet <u>12.01</u>	by salpingotomy <u>66.01</u>
anus (intraluminal) <u>98.05</u>	fascia <u>83.09</u>
by incision <u>49.93</u>	hand <u>82.09</u>
artificial stoma (intraluminal) <u>98.18</u>	foot <u>98.28</u>
auditory canal, external <u>18.02</u>	gall bladder <u>51.04</u>
axilla <u>98.27</u>	groin region (abdominal wall) (inguinal)
by incision 86.05	<u>54.0</u>
bladder (without incision) 57.0	gum <u>98.22</u>
by incision <u>57.19</u>	by incision <u>24.0</u>
bone, except fixation devicesee also Incision	
bone <u>77.10</u>	head and neck NEC <u>98.22</u>
alveolus, alveolar <u>98.22</u>	heart <u>37.11</u>
by incision 24.0	internal fixation devicesee Removal,
brain <u>01.39</u>	fixation device, internal
without incision into brain <u>01.24</u>	intestine
breast <u>85.0</u>	by incision <u>45.00</u>
bronchus (intraluminal) <u>98.15</u>	large (intraluminal) 98.04
by incision 33.0	by incision 45.03
bursa <u>83.03</u>	small (intraluminal) 98.03
hand <u>82.03</u>	by incision 45.02
canthus 98.22	intraocular (by incision) 12.00
by incision 08.51	with use of magnet 12.01
cerebral meninges <u>01.31</u>	without use of magnet 12.02
cervix (intraluminal) NEC <u>98.16</u>	iris (by incision) 12.00
penetrating 69.97	with use of magnet 12.01
choroid (by incision) <u>14.00</u> with use of magnet 14.01	without use of magnet <u>12.02</u> joint structuressee also Arthrotomy80.10
with use of magnet 14.01 without use of magnet 14.02	kidney (transurethral) (by endoscopy) <u>56.0</u>
ciliary body (by incision) 12.00	by incision 55.01
with use of magnet 12.01	pelvis (transurethral) 56.0
without use of magnet 12.02	by incision 55.11
conjunctiva (by magnet) 98.22	labia 98.23
by incision 10.0	by incision 71.09
cornea 98.21	lacrimal
by	canaliculi 09.42
incision 11.1	by incision 09.52
magnet 11.0	gland 09.3
duodenum 98.03	by incision 09.0
by incision 45.01	passage(s) <u>09.49</u>
ear (intraluminal) 98.11	by incision 09.59
with incision 18.09	punctum 09.41
epididymis 63.92	by incision 09.51
esophagus (intraluminal) <u>98.02</u>	sac 09.49
by incision 42.09	by incision 09.53
extrapleural (by incision) 34.01	large intestine (intraluminal) <u>98.04</u>
eye, eyeball (by magnet) 98.21	by incision <u>45.03</u>
anterior segment (by incision) 12.00	larynx (intraluminal) <u>98.14</u>
with use of magnet 12.01	by incision 31.3
without use of magnet 12.02	lens <u>13.00</u>
posterior segment (by incision) 14.00	by incision 13.02
with use of magnet 14.01	with use of magnet <u>13.01</u>
without use of magnet 14.02	liver <u>50.0</u>
superficial <u>98.21</u>	lower limb, except foot 98.29
	foot <u>98.28</u>

Removal -foreign bodyCont.	Removal -foreign body -sinusCont.
lung <u>33.1</u>	ethmoid <u>22.51</u>
mediastinum <u>34.1</u>	frontal <u>22.41</u>
meninges (cerebral) <u>01.31</u>	maxillary <u>22.2</u>
spinal <u>03.01</u>	with Caldwell-Luc approach <u>22.39</u>
mouth (intraluminal) <u>98.01</u>	sphenoid <u>22.52</u>
by incision <u>27.92</u>	skin NEC <u>98.20</u>
muscle <u>83.02</u>	by incision <u>86.05</u>
hand <u>82.02</u>	skull <u>01.24</u>
nasal sinus <u>22.50</u>	with incision into brain 01.39
antrum <u>22.2</u>	small intestine (intraluminal) <u>98.03</u>
with Caldwell-Luc approach 22.39	by incision <u>45.02</u>
ethmoid <u>22.51</u>	soft tissue NEC <u>83.09</u>
frontal <u>22.41</u>	hand <u>82.09</u>
maxillary <u>22.2</u>	spermatic cord <u>63.93</u>
with Caldwell-Luc approach 22.39	spinal (canal) (cord) (meninges) <u>03.01</u>
sphenoid <u>22.52</u>	stomach (intraluminal) 98.03
nerve (cranial) (peripheral) NEC <u>04.04</u>	bubble (balloon) <u>44.94</u>
root 03.01	by incision 43.0
nose (intraluminal) <u>98.12</u>	subconjunctival (by magnet) 98.22
by incision 21.1	by incision 10.0
oral cavity (intraluminal) 98.01	subcutaneous tissue NEC <u>98.20</u>
by incision 27.92	by incision 86.05
orbit (by magnet) 98.21	supraclavicular fossa <u>98.27</u>
by incision 16.1	by incision <u>86.05</u>
palate (penetrating) 98.22	tendon (sheath) 83.01
by incision 27.1	hand <u>82.01</u>
pancreas <u>52.09</u>	testis <u>62.0</u>
penis <u>98.24</u>	thorax (by incision) <u>34.09</u>
by incision <u>64.92</u>	thyroid (field) (gland) (by incision) <u>06.09</u>
pericardium <u>37.12</u>	tonsil <u>98.13</u>
perineum (female) <u>98.23</u>	by incision 28.91
by incision 71.09	trachea (intraluminal) <u>98.15</u>
male <u>98.25</u>	by incision 31.3
by incision <u>86.05</u>	trunk NEC <u>98.25</u>
perirenal tissue <u>59.09</u>	tunica vaginalis <u>98.24</u>
peritoneal cavity <u>54.92</u>	upper limb, except hand <u>98.27</u>
perivesical tissue <u>59.19</u>	hand <u>98.26</u>
pharynx (intraluminal) <u>98.13</u>	ureter (transurethral) <u>56.0</u>
by pharyngotomy 29.0	by incision <u>56.2</u>
pleura (by incision) 34.09	urethra (intraluminal) <u>98.19</u>
popliteal space 98.29	by incision <u>58.0</u>
by incision 86.05	uterus (intraluminal) 98.16
rectum (intraluminal) <u>98.05</u>	vagina (intraluminal) <u>98.17</u>
by incision 48.0	by incision 70.14
renal pelvis (transurethral) <u>56.0</u>	vas deferens <u>63.6</u>
by incision <u>56.1</u>	vitreous (by incision) 14.00
retina (by incision) 14.00	with use of magnet 14.01
with use of magnet 14.01	without use of magnet 14.02
without use of magnet 14.02	vulva 98.23
retroperitoneum <u>54.92</u> sclera (by incision) 12.00	by incision <u>71.09</u> gallstones
with use of magnet 12.01	bile duct (by incision) NEC <u>51.49</u>
without use of magnet <u>12.02</u> scrotum <u>98.24</u>	endoscopic <u>51.88</u> common duct (by incision) <u>51.41</u>
by incision <u>61.0</u>	endoscopic 51.88
sinus (nasal) <u>22.50</u>	percutaneous <u>51.96</u>
antrum 22.2	duodenum 45.01
with Caldwell-Luc approach 22.39	auouenum <u>+5.01</u>
Calatter Lac approach <u>LL.33</u>	

Removal -gallstonesCont.	Removal -jointCont.
gallbladder <u>51.04</u>	foot and toe 80.98
endoscopic <u>51.88</u>	hand and finger <u>80.94</u>
laparoscopic <u>51.88</u>	hip <u>80.95</u>
hepatic ducts <u>51.49</u>	knee <u>80.96</u>
endoscopic <u>51.88</u>	other specified sites <u>80.99</u>
intestine <u>45.00</u>	shoulder <u>80.91</u>
large <u>45.03</u>	spine <u>80.99</u>
small NEC <u>45.02</u>	toe <u>80.98</u>
liver <u>50.0</u>	wrist <u>80.93</u>
Gardner Wells tongs (skull) 02.95	Kantrowitz heart pump 37.64
with synchronous replacement <u>02.94</u>	nonoperative 97.44
gastric band(adjustable),laparoscopic <u>44.97</u>	keel (tantalum plate), larynx 31.98
gastric bubble (balloon) 44.94	kidneysee also Nephrectomy
granulation tissuesee also Excision, lesion, by	mechanical <u>55.98</u>
site	transplanted or rejected <u>55.53</u>
with repairsee Repair, by site	laminaria (tent), uterus <u>97.79</u>
cranial <u>01.6</u>	leads (cardiac)see Removal, electrodes,
skull <u>01.6</u>	cardiac pacemaker
halo traction device (skull) <u>02.95</u>	lesionsee Excision, lesion, by site
with synchronous replacement <u>02.94</u>	ligamentum flavum (spine)omit code
heart assist system	ligature
with replacement 37.63	fallopian tube <u>66.79</u>
intra-aortic balloon pump (IABP) 97.44	ureter <u>56.86</u>
nonoperative 97.44	vas deferens <u>63.84</u>
open removal 37.64	limb lengthening device, internal
percutaneous external device <u>97.44</u>	see category 78.6
heart replacement system	loop recorder <u>86.05</u>
internal biventricular 37.55	loose body bonesee Sequestrectomy, bone
hematomasee Drainage, by site	·
Hoffman minifixator device (bone)see category 78.6	joint <u>80.10</u> mesh (surgical)see Removal, foreign
hydatidiform mole <u>68.0</u>	body, by site
impacted	lymph nodesee Excision, lymph, node
feces (rectum)(by flushing)(manual) <u>96.38</u>	minifixator device (bone)
tooth 23.19	see category 78.6
from nasal sinus (maxillary) 22.61	external fixation device 97.88
implant	Mulligan hood, fallopian tube 66.94
breast 85.94	with synchronous replacement 66.93
cochlear prosthetic device 20.99	muscle stimulator (skeletal) 83.93
cornea 11.92	with replacement 83.92
lens (prosthetic) 13.8	myringotomy device or tube 20.1
middle ear NEC 20.99	nail (bed) (fold) 86.23
ocular 16.71	internal fixation devicesee Removal,
posterior segment 14.6	fixation device, internal
orbit <u>16.72</u>	necrosis
retina 14.6	skin 86.28
tympanum 20.1	excisional <u>86.22</u>
implantable hemodynamic sensor (lead) and	neuropacemakersee Removal,
monitor device 37.79	neurostimulator, by site
internal biventricular heart replacement system	neurostimulator
<u>37.55</u>	electrodes
internal fixation devicesee Removal, fixation	brain <u>01.22</u>
device, internal	with synchronous replacement <u>02.93</u>
intra-aortic balloon pump (IABP) 97.44	gastric <u>04.93</u>
intrauterine contraceptive device (IUD) 97.71	with synchronous replacement <u>04.92</u>
joint (structure) NOS <u>80.90</u>	intracranial <u>01.22</u>
ankle <u>80.97</u>	with synchronous replacement <u>02.93</u>
elbow <u>80.92</u>	

Removal -neurostimulator electrodesCont.	RemovalCont.
peripheral nerve <u>04.93</u>	pelvic viscera, en masse (female) <u>68.8</u>
with synchronous replacement <u>04.92</u>	male <u>57.71</u>
sacral nerve <u>04.93</u>	pessary, vagina NEC <u>97.74</u>
with synchronous replacement <u>04.92</u>	pharynx (partial) 29.33
spinal <u>03.94</u>	phlebolithsee Removal, embolus
with synchronous replacement <u>03.93</u>	placenta (by)
pulse generator (subcutaneous single array,	aspiration curettage <u>69.52</u>
multiple array) 86.05	D and C <u>69.02</u>
with synchronous replacement 86.96	manual <u>75.4</u>
cranial <u>01.29</u>	plaque, dental <u>96.54</u>
with synchronous replacement <u>01.20</u>	plate, skull <u>02.07</u>
multiple array 86.95	with synchronous replacement <u>02.05</u>
rechargeable <u>86.98</u> single array 86.94	polypsee also Excision, lesion, by site
rechargeable 86.97	esophageal <u>42.32</u> endoscopic 42.33
nonabsorbable surgical material NECsee	gastric (endoscopic) 43.41
Removal, foreign body, by site	intestine 45.41
odontoma (tooth) 24.4	endoscopic 45.42
orbital implant 16.72	nasal 21.31
osteocartilagenous loose body, joint structures	
also Arthrotomy 80.10	bile duct <u>51.95</u>
outer attic wall (middle ear) 20.59	nonoperative 97.55
ovo-testis (unilateral) 62.3	cochlear prosthetic device 20.99
bilateral 62.41	dental <u>97.35</u>
pacemaker	epiretinal visual 14.82
brain (intracranial) see Removal,	eye 97.31
neurostimulator	facial bone 76.99
cardiac (device)(initial)(permanent)37.89	fallopian tube 66.94
with replacement	with synchronous replacement 66.93
dual-chamber device 37.87	joint structures
single-chamber device 37.85	with replacementsee Revision, joint
rate responsive 37.86	replacement, by site
electrodes (atrial) (transvenous) (ventricula	) without replacement
<u>37.77</u>	ankle <u>80.07</u>
with replacement 37.76	elbow <u>80.02</u>
epicardium (myocardium) <u>37.77</u>	foot and toe <u>80.08</u>
with replacement (by)	hand and finger <u>80.04</u>
atrial and/or ventricular lead(s)	hip <u>80.05</u>
(electrode) <u>37.76</u>	knee <u>80.06</u>
epicardial lead <u>37.74</u>	shoulder <u>80.01</u>
temporary transvenous pacemaker system	specified site NEC <u>80.09</u>
omit code	spine <u>80.09</u>
intracranialsee Removal, neurostimulator	unspecified site <u>80.00</u>
neuralsee Removal, neurostimulator	wrist <u>80.03</u>
peripheral nervesee Removal, neurostimula	
spinalsee Removal, neurostimulator	penis (internal) without replacement 64.96
pack, packing	Rosen (urethra) 59.99
dental 97.34	testicular, by incision 62.0
intrauterine 97.72	urinary sphincter, artificial 58.99
nasal <u>97.32</u> rectum 97.59	with replacement <u>58.93</u> pseudophakos 13.8
trunk NEC 97.85	pterygium 11.39
vagina <u>97.75</u>	with corneal graft 11.32
vagina <u>97.75</u> vulva <u>97.75</u>	pulse generator
pantopaque dye, spinal canal 03.31	carotid sinus 39.88
patella (complete) 77.96	with synchronous electrode
partial 77.86	removal (total system) 39.86
pectus deformity implant device 34.01	with synchronous replacement 39.83
parama decomment, imposite device of their	57 5545 replacement <u>55.65</u>

_	<u> </u>
Removal -pulse generatorCont.	RemovalCont.
cardiac pacemaker 37.86	skull tongs 02.95
cardioverter/defibrillator <u>37.79</u>	with synchronous replacement <u>02.94</u>
neurostimulatorsee Removal, neurostimulat	or, spacer (cement) (joint) <u>84.57</u>
pulse generator	splint 97.88
pump assist device, heart 37.64	stent
with replacement 37.63	bile duct <u>97.55</u>
nonoperative <u>97.44</u>	larynx <u>31.98</u>
radioactive materialsee Removal, foreign body	ureteral <u>97.62</u>
by site	urethral <u>97.65</u>
redundant skin, eyelid 08.86	stimoceiver -see Removal, neurostimulator
rejected organ	subdural
kidney <u>55.53</u>	grids <u>01.22</u>
testis <u>62.42</u>	strips <u>01.22</u>
reservoir, ventricular (Ommaya) (Rickham) <u>02.43</u>	supernumerary digit(s) <u>86.26</u>
with synchronous replacement 02.42	suture(s) NEC 97.89
retained placenta (by)	abdominal wall 97.83
aspiration curettage 69.52	by incisionsee Incision, by site
D and C <u>69.02</u>	genital tract <u>97.79</u>
manual <u>75.4</u>	head and neck <u>97.38</u>
retinal implant <u>14.6</u>	thorax 97.43
Rheos™ carotid sinus baroreflex activation devid	e trunk NEC 97.84
86.05	symblepharon see Repair, symblepharon
rhinolith 21.31	temporary transvenous pacemaker system
rice bodies, tendon sheaths <u>83.01</u>	omit code
hand <u>82.01</u>	testis (unilateral) <u>62.3</u>
Roger-Anderson minifixator device (bone)see	bilateral <u>62.41</u>
category 78.6	remaining or solitary 62.42
root, residual (tooth) (buried) (retained) <u>23.11</u>	thrombus 38.00
	the state of the s
Rosen prosthesis (urethra) <u>59.99</u>	with endarterectomy
scleral buckle or implant <u>14.6</u>	see Endarterectomy
Scribner shunt 39.43	abdominal
secondary membranous cataract (with iridectom	y) artery <u>38.06</u>
13.65	vein 38.07
secundines (by)	aorta (arch) (ascending) (descending)
aspiration curettage <u>69.52</u>	<u>38.04</u>
D and C <u>69.02</u>	arteriovenous shunt or cannula <u>39.49</u>
manual <u>75.4</u>	bovine graft <u>39.49</u>
sequestrum <i>see</i> Sequestrectomy	coronary artery <u>36.09</u>
seton, anus 49.93	head and neck vessel NEC 38.02
Shepard's tube (ear) 20.1	intracranial vessel NEC 38.01
•	
Shirodkar suture, cervix <u>69.96</u>	lower limb
shunt	artery <u>38.08</u>
arteriovenous <u>39.43</u>	vein <u>38.09</u>
with creation of new shunt 39.42	pulmonary (artery) (vein) 38.05
lumbar-subarachnoid NEC 03.98	thoracic vessel NEC 38.05
pleurothecal 03.98	upper limb (artery) (vein) 38.03
salpingothecal <u>03.98</u>	tissue expander (skin) NEC <u>86.05</u>
spinal (thecal) NEC <u>03.98</u>	breast <u>85.96</u>
subarachnoid-peritoneal <u>03.98</u>	toes, supernumerary <u>86.26</u>
subarachnoid-ureteral 03.98	tongs, skull <u>02.95</u>
silastic tubes	with synchronous replacement 02.94
ear 20.1	tonsil tag 28.4
fallopian tubes <u>66.94</u>	tooth (by forceps) (multiple) (single) NEC
with synchronous replacement <u>66.93</u>	<u>23.09</u>
skin	deciduous <u>23.01</u>
necrosis or slough <u>86.28</u>	surgical NEC <u>23.19</u>
excisional 86.22	impacted 23.19
superficial layer(by dermabrasion)86.25	residual root 23.11
Superficial layer (5) definiability out 25	10314441 100t <u>23.11</u>

Removal -toothCont.	ReopeningCont.
root apex <u>23.73</u>	canthorrhaphy <u>08.02</u>
with root canal therapy 23.72	cilia base <u>08.71</u>
trachoma follicles <u>10.33</u>	craniotomy or craniectomy site <u>01.23</u>
T-tube (bile duct) <u>97.55</u>	fallopian tube (divided) <u>66.79</u>
tube	iris in anterior chambers <u>12.97</u>
appendix <u>97.53</u>	laminectomy or laminotomy site <u>03.02</u>
bile duct (T-tube) NEC <u>97.55</u>	laparotomy site <u>54.12</u>
cholecystostomy <u>97.54</u>	osteotomy sitesee also Incision, bone 77.10
cranial cavity 01.27	facial bone <u>76.09</u>
cystostomy <u>97.63</u>	tarsorrhaphy <u>08.02</u>
ear (button) <u>20.1</u>	thoracotomy site (for control of hemorrhage)
gastrostomy <u>97.51</u>	(for examination) (for exploration) $34.03$
large intestine <u>97.53</u>	thyroid field wound (for control of hemorrhage)
liver <u>97.55</u>	(for examination) (for exploration) (for
mediastinum <u>97.42</u>	removal of hematoma) <u>06.02</u>
nephrostomy <u>97.61</u>	Repackingsee Replacement, pack, by site
pancreas <u>97.56</u>	Repair
peritoneum <u>97.82</u>	abdominal wall <u>54.72</u>
pleural cavity <u>97.41</u>	adrenal gland <u>07.44</u>
pyelostomy <u>97.61</u>	alveolus, alveolar (process) (ridge) (with
retroperitoneum <u>97.81</u>	graft) (with implant) <u>24.5</u>
small intestine <u>97.52</u>	anal sphincter <u>49.79</u>
thoracotomy <u>97.41</u>	artificial sphincter
tracheostomy <u>97.37</u>	implantation <u>49.75</u>
tympanostomy <u>20.1</u>	revision <u>49.75</u>
tympanum <u>20.1</u>	laceration (by suture) 49.71
ureterostomy <u>97.62</u>	obstetric (current) <u>75.62</u>
ureteral splint (stent) <u>97.62</u>	old <u>49.79</u>
urethral sphincter, artificial <u>58.99</u>	aneurysm (false) (true) 39.52
with replacement <u>58.93</u>	by or with
urinary sphincter, artificial <u>58.99</u>	clipping <u>39.51</u>
with replacement <u>58.93</u>	coagulation <u>39.52</u>
utricle <u>20.79</u>	coil, NEC (endovascular approach) <u>39.79</u>
valve	head and neck
vas deferens <u>63.85</u>	bare coils <u>39.75</u>
ventricular (cerebral) <u>02.43</u>	bioactive coils 39.76
vascular graft or prosthesis 39.49	electrocoagulation 39.52
ventricular shunt or reservoir <u>02.43</u>	excision or resection of vessel
with synchronous replacement <u>02.42</u>	see also Aneurysmectomy, by site
Vinke tongs (skull) 02.95	with
with synchronous replacement <u>02.94</u>	anastomosis
vitreous (with replacement) 14.72	see Aneurysmectomy, with
anterior approach (partial) 14.71	anastomosis, by site
open sky technique 14.71	graft replacement
Wagner-Brooker minifixator device (bone)see	see Aneurysmectomy, with
category <u>78.6</u>	graft replacement, by site
wiring, dental(immobilization device) 97.33	endovascular graft 39.79
orthodontic 24.8	abdominal aorta 39.71
Renipuncture (percutaneous) 55.92	fenestrated (branching 39.78
Renogram 92.03	head and neck 39.72
Renotransplantation NEC 55.69	lower extremity artery(s) 39.79
Note: To report donor source:	thoracic aorta 39.73
cadaver <u>00.93</u> live non-related donor 00.92	upper extremity artery(s) 39.79
	filipuncture 39.52
live uprelated denor 00.91	graft replacementsee Aneurysmectomy,
live unrelated donor 00.92	with graft replacement, by site
Reopeningsee also Incision, by site	ligation 39.52
blepharorrhaphy <u>08.02</u>	liquid tissue adhesive (glue) <u>39.79</u>



<b>Lepair</b> -aneurysm -by or withCont.	KepairCor
endovascular approach 39.79	artery NE
head and neck 39.72	by
methyl methacrylate 39.52	abdo
endovascular approach 39.79	fe
head and neck 39.72	endo
occlusion 39.52	hea
endovascular approach 39.79	oth
head and neck 39.72	
suture <u>39.52</u> trapping <u>39.52</u>	per
wiring 39.52	
wrapping (gauze) (methyl methacrylate)	Not
(plastic) <u>39.52</u>	
coronary artery 36.91	
heart 37.32	
sinus of Valsalva 35.39	
thoracic aorta (dissecting), by fenestration 39.	54
anomalous pulmonary venous connection (total)	
one-stage <u>35.82</u>	
partialsee specific procedure	
total 35.82	per
anular disc 80.54	, pe
with graft or prosthesis 80.53	
anulus fibrosus <u>80.54</u>	Not
with graft or prosthesis 80.53	
anus <u>49.79</u>	
laceration (by suture) 49.71	
obstetric (current) <u>75.62</u>	
old <u>49.79</u>	
aorta <u>39.31</u>	
aorticopulmonary window <u>39.59</u>	
arteriovenous fistula 39.53	
by or with	non-c
clipping 39.53	appr
coagulation 39.53	N
coil, NEC (endovascular approach) 39.79	
head and neck vessels	
bare coils 39.75	
bioactive coils <u>39.76</u> division <u>39.53</u>	
excision or resectionsee also	
Aneurysmectomy, by site	
with	
anastomosis <i>see</i> Aneurysmectomy, wi	th
anastomosis, by site	<u> </u>
graft replacementsee	ar
Aneurysmectomy, with graft	
replacement, by site	
ligation 39.53	
coronary artery 36.99	
occlusion 39.53	
endovascular approach 39.79	
head and neck 39.72	
suture <u>39.53</u>	
	ather
l l	attiett

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epair---Cont.
artery NEC 39.59
by
abdominal aorta 39.71
fenestrated (branching) graft 39.78
endovascular approach
head and neck (total embolization or
occlusion) 39.72
other repair (of aneurysm) 39.79
percutaneous repair of intracranial
vessel(s) (for stent insertion) 00.62

Note: Also use 00.40, 00.41, 00.42,
or 00.43 to show the total
number of vessels treated. Use
code 00.44 once to show
procedure on a bifurcated
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percutaneous repair of extracranial vessel(s) (for stent insertion) 00.61

inserted.

vessel. In addition, use <u>00.45</u>, <u>00.46</u>, <u>00.47</u>, or <u>00.48</u> to show the number of vascular stents

Note: Also use 00.40, 00.41, 00.42, or 00.43 to show the total number of vessels treated. Use code 00.44 once to show procedure on a bifurcated vessel. In addition, use 00.45, 00.46, 00.47, or 00.48 to show the number of vascular stents inserted.

non-coronary percutaneous transluminal approach

Note: Also use 00.40, 00.41, 00.42, or 00.43 to show the total number of vessels treated. Use code 00.44 once to show procedure on a bifurcated vessel. In addition, use 00.45, 00.46, 00.47, or 00.48 to show the number of vascular stents inserted.

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angioplasty
basilar 00.62
carotid 00.61
femoropopliteal 39.50
iliac 39.50
lower extremity NOS 39.50
mesenteric 39.50
renal 39.50
upper extremity NOS 39.50
vertebral 00.61
intracranial portion 00.62
atherectomy 17.56
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<b>Repair</b> -arteryCont.	<b>Repair</b> -blood vessel NEC -withCont.
with	coronary artery NEC <u>36.99</u>
patch graft <u>39.58</u>	by angioplastysee Angioplasty, coronar
with excision or resection of vesselse	e by atherectomy
Arteriectomy, with graft replacement,	by percutaneous transluminal 17.55
site	peripheral vessel NEC <u>39.59</u>
synthetic (Dacron) (Teflon) 39.57	by angioplasty 39.50
tissue (vein) (autogenous) (homograft) 39.	
suture 39.31	Note: Also use <u>00.40, 00.41,</u>
	<u>00.42</u> , or <u>00.43</u> to show
coronary NEC <u>36.99</u>	the total number of
by angioplastysee Angioplasty, coronary	vessels treated. Use code
by atherectomy	00.44 once to show
percutaneous transluminal 17.55	procedure on a bifurcated
artificial opening <i>see</i> Repair, stoma	
atrial septal defect 35.71	vessel. In addition, use
with	00.45, 00.46, 00.47, or
prosthesis (open heart technique) 35.51	00.48 to show the number
closed heart technique 35.52	of vascular stents inserted.
tissue graft 35.61	by others stemy 17.56
	by atherectomy <u>17.56</u>
combined with repair of valvular and ventricu	Note: Also use <u>00.40, 00.41,</u>
septal defectssee Repair, endocardial	00.42, or 00.43 to show
cushion defect	the total number of
in total repair of total anomalous pulmonary	vessels treated. Use code
venous connection 35.82	00.44 once to show
atrioventricular canal defect (any type) <u>35.73</u>	
with	procedure on a bifurcated
prosthesis <u>35.54</u>	vessel. In addition, use
tissue graft 35.63	00.45, 00.46, 00.47, or
bifid digit (finger) 82.89	00.48 to show the number
bile duct NEC 51.79	of vascular stents inserted.
laceration (by suture) NEC 51.79	by endovascular approach 39.79
common bile duct 51.71	bone NECsee also Osteoplastysee
bladder NEC 57.89	category 78.4
exstrophy 57.86	by synostosis techniquesee Arthrodesi
for stress incontinencesee Repair, stress	
incontinence	accessory sinus 22.79
	cranium NEC <u>02.06</u>
laceration (by suture) 57.81	with
obstetric (current) 75.61	flap (bone) <u>02.03</u>
old <u>57.89</u>	graft (bone) <u>02.04</u>
neck <u>57.85</u>	for malunion, nonunion, or delayed
blepharophimosis <u>08.59</u>	union of fracturesee Repair,
blepharoptosis <u>08.36</u>	fracture, malunion or nonunion
by	nasal <u>21.89</u>
frontalis muscle technique (with)	skull NEC <u>02.06</u>
fascial sling <u>08.32</u>	with
suture <u>08.31</u>	flap (bone) <u>02.03</u>
levator muscle technique <u>08.34</u>	graft (bone) 02.04
with resection or advancement 08.33	bottle, hydrocele of tunica vaginalis 61.2
orbicularis oculi muscle sling 08.36	brain (trauma) NEC 02.92
tarsal technique <u>08.35</u>	breast (plastic)see also Mammoplasty 85.89
blood vessel NEC 39.59	broad ligament 69.29
with	bronchus NEC 33.48
patch graft 39.58	
with excision or resectionsee Angiectom	laceration (by suture) 33.41
graft replacement	www.unionette (with osteotomy) //.54
synthetic (Dacron) (Teflon) <u>39.57</u>	canaliculus, lacrimal <u>09.73</u>
	t c
tissue (vein) (autogenous) (homograft) 39.	<del>P</del> U
resectionsee Angiectomy	

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RepairCont.	RepairCont.
canthus (lateral) <u>08.59</u>	diastematomyelia <u>03.59</u>
cardiac pacemaker NEC <u>37.89</u>	ear (external) <u>18.79</u>
electrode(s) (lead) NEC 37.75	auditory canal or meatus 18.6
cardioverter/defibrillator (automatic) pocket, (sk	•
(subcutaneous) 37.99	cartilage NEC 18.79
cerebral meninges 02.12	laceration (by suture) 18.4
cervix 67.69	lop ear <u>18.79</u>
internal os 67.59	middle NEC 19.9
transabdominal 67.51	prominent or protruding 18.5
transvaginal 67.59	ectropion <u>08.49</u>
aceration (by suture) 67.61	by or with
obstetric (current) <u>75.51</u>	lid reconstruction 08.44
old <u>67.69</u>	suture (technique) <u>08.42</u>
chest wall (mesh) (silastic) NEC <u>34.79</u>	thermocauterization <u>08.41</u>
chordae tendineae <u>35.32</u>	wedge resection <u>08.43</u>
choroid NEC <u>14.9</u>	encephalocele (cerebral) <u>02.12</u>
with retinal repairsee Repair, retina	endocardial cushion defect 35.73
cisterna chyli 40.69	with
claw toe 77.57	prosthesis (grafted to septa) 35.54
cleft	tissue graft 35.63
hand 82.82	enterocele (female) 70.92
laryngotracheal 31.69	with graft or prosthesis 70.93
lip 27.54	male 53.9
palate 27.62	enterostomy 46.40
secondary or subsequent 27.63	entropion 08.49
coarctation of aortasee Excision, coarctation o	
aorta	lid reconstruction 08.44
***	
cochlear prosthetic device 20.99	suture (technique) 08.42
external components only <u>95.49</u>	thermocauterization <u>08.41</u>
cockup toe 77.58	wedge resection <u>08.43</u>
colostomy 46.43	epicanthus (fold) 08.59
conjunctiva NEC <u>10.49</u>	epididymis (and spermatic cord) NEC 63.59
with scleral repair 12.81	with vas deferens <u>63.89</u>
laceration <u>10.6</u>	epiglottis <u>31.69</u>
with repair of sclera <u>12.81</u>	episiotomy
late effect of trachoma <u>10.49</u>	routine following delivery
cornea NEC <u>11.59</u>	see Episiotomy
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subcutaneous tissue (plastic) (without skin gra	
86.89 Jaceration (by suture) 86.59	total (one-stage) <u>35.82</u>
iaceiauon tuv sutulet 00.39	

RepairCont.	Repair vaginaCont.
trachea NEC <u>31.79</u>	urethrocele <u>70.51</u>
laceration (by suture) 31.71	with graft or prosthesis 70.54
tricuspid atresia <u>35.94</u>	and rectocele <u>70.50</u>
truncus arteriosus	with graft or prosthesis 70.53
partialsee specific procedure	varicocele <u>63.1</u>
total (one-stage) <u>35.83</u>	vas deferens <u>63.89</u>
tunica vaginalis <u>61.49</u>	by
laceration (by suture) 61.41	anastomosis <u>63.82</u>
tympanumsee Tympanoplasty	to epididymis <u>63.83</u>
ureter NEC <u>56.89</u>	reconstruction <u>63.82</u>
laceration (by suture) <u>56.82</u>	laceration (by suture) 63.81
ureterocele <u>56.89</u>	vein NEC <u>39.59</u>
urethra NEC <u>58.49</u>	by
laceration (by suture) 58.41	endovascular approach
obstetric (current) <u>75.61</u>	head and neck(embolization or
old <u>58.49</u>	occlusion) <u>39.72</u>
meatus <u>58.47</u>	with
urethrocele (anterior colporrhaphy) (female) 70.	51 patch graft 39.58
with graft or prosthesis 70.54	with excision or resection of vessel
and rectocele 70.50	see Phlebectomy, with graft
with graft or prosthesis 70.53	replacement, by site
urinary sphincter, artificial (component) 58.99	synthetic (Dacron) (Teflon) 39.57
urinary stress incontinencesee Repair, stress	tissue (vein) (autogenous)
incontinence	(homograft) <u>39.56</u>
uterus, uterine <u>69.49</u>	suture <u>39.32</u>
inversionsee Repair, inverted uterus	ventricular septal defect <u>35.72</u> with
laceration (by suture) <u>69.41</u> obstetric (current) <u>75.50</u>	
old 69.49	prosthesis (open heart technique) <u>35.53</u> closed heart technique <u>35.55</u>
ligaments <u>69.29</u> by	in total repair of tetralogy of Fallot 35.81
interposition 69.21	tissue graft 35.62
plication 69.22	combined with repair of valvular and
uvula 27.73	atrial septal defectssee Repair,
with synchronous cleft palate repair 27.62	endocardial cushion defect
vagina, vaginal (cuff) (wall) NEC 70.79	in total repair of
anterior 70.51	tetralogy of Fallot <u>35.81</u>
with graft or prosthesis 70.54	truncus arteriosus 35.83
with posterior repair 70.50	vertebral arch defect (spina bifida) 03.59
with graft or prosthesis 70.53	vulva NEC 71.79
cystocele 70.51	laceration (by suture) 71.71
with graft or prosthesis 70.54	obstetric (current) 75.69
and rectocele 70.50	old 71.79
with graft or prosthesis 70.53	Wirsung's duct 52.99
enterocele 70.92	wound (skin) (without graft) 86.59
with graft or prosthesis 70.93	abdominal wall 54.63
laceration (by suture) 70.71	dehiscence 54.61
obstetric (current) 75.69	postcataract dehiscence (corneal) 11.52
old 70.79	Replacement
posterior 70.52	acetabulum (with prosthesis) 81.52
with anterior repair 70.50	ankle, total 81.56
with graft or prosthesis 70.53	revision 81.59
rectocele 70.52	aortic valve, NOS 35.22
with graft or prosthesis 70.55	with
and cystocele 70.50	prosthesis 35.22
with graft or prosthesis 70.53	tissue graft 35.21
· <u> </u>	endovascular 35.05

Replacement -aortic valveCont.	ReplacementCont.
endovascular (TAVI) (TAVR) (transarterial)	CRT-D (biventricula
(transcatheter) (transfemoral) (with tissue	(BiV pacemake
graft) 35.05	pacing with de
transapical (intercostal) (transcatheter)	resynchronizat
(transthoracic) (transventricular) (with	and one or mo
tissue graft) 35.06	left ventricular c
artery <i>see</i> Graft, artery	00.52
bag <i>see</i> Replacement, pack or bag	pulse generator
Barton's tongs (skull) <u>02.94</u>	CRT-P (biventricula
bladder	pacemaker) (ca
with	pacemaker) (de
ileal loop <u>57.87</u> [ <u>45.51</u> ]	leads) <u>00.50</u>
sigmoid <u>57.87</u> [ <u>45.52</u> ]	left ventricular c
sphincter, artificial <u>58.93</u>	00.52
bronchial device NOS <u>33.79</u>	pulse generator
bronchial substance NOS <u>33.79</u>	Crutchfield tongs (
bronchial valve(s)	cystostomy tube (c
multiple lobes <u>33.73</u>	device
single lobe <u>33.71</u>	subcutaneous fo
caliper tongs (skull) <u>02.94</u>	vessel hemod
cannula	diaphragm, vagina
arteriovenous shunt 39.94	discsee Replacen
pancreatic duct 97.05	drainsee also Rep
vessel-to-vessel (arteriovenous) 39.94	vagina <u>97.26</u>
cardiac contractility modulation (CCM)	vulva <u>97.26</u>
rechargeable pulse generator only 17.52	wound, musculo
total system <u>17.51</u> cardiac resynchronization device	ear (prosthetic) <u>18</u> elbow (joint), total
defibrillator (biventricular defibrillator) (BiV IC	
(BiV pacemaker with defibrillator) (BiV pacin	
with defibrillator) (CRT-D) (device and one of	
more leads) (total system) 00.51	depth 02.93
left ventricular coronary venous lead only	foramen ovale
00.52	sphenoidal 02
pulse generator only <u>00.54</u>	carotid sinus 39
pacemaker (biventricular pacemaker) (BiV	with synchror
pacemaker) (CRT-P) (device and one or	generator rep
more leads) (total system) 00.50	system) 39.81
left ventricular coronary venous lead only	depth 02.93
00.52	foramen ovale 0
pulse generator only <u>00.53</u>	gastric 04.92
cardioverter/defibrillator(total system) 37.94	intracranial <u>02.9</u>
leads only (electrodes) (sensing) (pacing)	pacemakersee
<u>37.97</u>	electrode(s)
pulse generator only <u>37.98</u>	peripheral nerve
cast NEC <u>97.13</u>	sacral nerve <u>04.9</u>
lower limb <u>97.12</u>	sphenoidal <u>02.9</u>
upper limb <u>97.11</u>	spine <u>03.93</u>
catheter	electroencephalogi
bladder (indwelling) <u>57.95</u>	(intracranial) <u>0</u>
cystostomy <u>59.94</u>	electronic
external ventricular drain <u>02.21</u>	cardioverter/def
ventricular shunt (cerebral) <u>02.42</u> wound <u>97.15</u>	see Replace
CCM (cardiac contractility modulation)	defibrillator leads (electrode)
rechargeable pulse generator only 17.52	electrode(s)
total system 17.51	electione(s)
10.01 3,300 III 11.01	

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ReplacementCont.
CRT-D (biventricular defibrillator) (BiV ICD)
(BiV pacemaker with defibrillator) (BiV
pacing with defibrillator) (cardiac
resynchronization defibrillator)(device
and one or more leads) 00.51
left ventricular coronary venous lead only
00.52
pulse generator only <u>00.54</u>
CRT-P (biventricular pacemaker) (BiV
pacemaker) (cardiac resynchronization
pacemaker) (device and one or more
leads) <u>00.50</u>
left ventricular coronary venous lead only
00.52
pulse generator only 00.53
Crutchfield tongs (skull) <u>02.94</u>
cystostomy tube (catheter) <u>59.94</u>
device
subcutaneous for intracardiac or great
vessel hemodynamic monitoring 00.5
diaphragm, vagina <u>97.24</u>
discsee Replacement, intervertebral disc
drainsee also Replacement, tube
vagina 97.26
vulva 9 <del>7.26</del>
wound, musculoskeletal or skin 97.16
ear (prosthetic) 18.71
elbow (joint), total 81.84
electrode(s)see Implant, electrode or lead
by site or name of device
brain
depth 02.93
foramen ovale <u>02.93</u>
sphenoidal 02.96
carotid sinus 39.82
with synchronous pulse
generator replacement (total
system) 39.81
depth 02.93
foramen ovale <u>02.93</u>
gastric 04.92
3
intracranial <u>02.93</u>
pacemakersee Replacement, pacemaker
electrode(s)
peripheral nerve 04.92
sacral nerve 04.92
sphenoidal <u>02.96</u>
spine <u>03.93</u>
electroencephalographic receiver (brain)
(intracranial) <u>02.93</u>
electronic
cardioverter/defibrillator
see Replacement, cardioverter/
defibrillator
leads (electrode)(s)see Replacement,

landa coment electronic Cont	Domingone hours value Cous
Replacement - electronicCont.	Replacement -heart-valveCont.
stimulatorsee also Implant, electronic	pulmonary, NOS <u>35.26</u>
stimulator, by site	with
bladder <u>57.97</u>	prosthesis <u>35.26</u>
muscle (skeletal) <u>83.92</u>	tissue graft <u>35.25</u>
ureter 56.93	endovascular (percutaneous)
electrostimulatorsee Implant, electronic	(PPVI) (TPVR) (transcatheter)
stimulator, by site	(transfemoral) (transvenous)
enterostomy device (tube)	35.07
large intestine 97.04	transapical (intercostal)
small intestine <u>97.03</u>	(transcatheter) (transthoracic)
epidural pegs <u>02.93</u>	(transventricular) 35.08
femoral head, by prosthesis <u>81.52</u>	in total repair of tetralogy of Fallot
revision <u>81.53</u>	<u>35.81</u>
Gardner Wells tongs (skull) <u>02.94</u>	tricuspid, NOS <u>35.28</u>
gastric band, laparoscopic <u>44.96</u>	with
gastric port device (subcutaneous) 44.96	prosthesis <u>35.28</u>
graftsee Graft	tissue graft 35.27
halo traction device (skull) 02.94	hip (partial) (with fixation device) (with
Harrington rod (with refusion of spine)see	prosthesis) (with traction) 81.52
Refusion, spinal	acetabulum 81.52
heart	revision 81.53
artificial	femoral head 81.52
total internal biventricular replacement	revision 81.53
system <u>37.52</u>	total <u>81.51</u>
implantable battery $\frac{37.54}{1}$	revision 81.53
implantable controller <u>37.54</u>	intervertebral disc
thoracic unit $\frac{37.53}{}$	artificial, NOS <u>84.60</u>
transcutaneous energy transfer [TET]	cervical <u>84.62</u>
device <u>37.54</u>	nucleus <u>84.61</u>
total internal biventricular replacement syster	n partial <u>84.61</u>
<u>37.52</u>	total <u>84.62</u>
implantable battery 37.54	lumbar, lumbosacral <u>84.65</u>
implantable controller 37.54	nucleus 84.64
thoracic unit 37.53	partial 84.64
transcutaneous energy transfer [TET]	total 84.65
device 37.54	thoracic (partial) (total) 84.63
valve, NOS (with prosthesis) (with tissue graft	
35.20	iris NEC 12.39
aortic, NOS 35.22	kidney, mechanical 55.97
with	knee (bicompartmental) (hemijoint)
peosthesis 35.22	(partial) (total) (tricompartmental)
tissue graft <u>35.21</u>	(unicompartmental) 81.54
endovascular <u>35.05</u>	revision 81.55
endovascular (TAVI) (TAVR)	laryngeal stent 31.93
(transarterial) (transcatheter)	leads (electrode)(s)see Replacement,
(transfemoral) (with tissue	electrode(s)
graft) <u>35.05</u>	mechanical kidney <u>55.97</u>
transapical (intercostal)	mitral valve, NOS <u>35.24</u>
(transcatheter) (transthoracic)	with
(transventricular) (with tissue graft)	prosthesis <u>35.24</u>
<u>35.06</u>	tissue graft <u>35.23</u>
endovascular, NOS 35.09	Mulligan hood, fallopian tube 66.93
mitral, NOS 35.24	muscle stimulator (skeletal) 83.92
with	nephrostomy tube 55.93
prosthesis 35.24	neuropacemakersee Implant,
tissue graft 35.23	neurostimulator, by site
poppet (prosthetic) 35.95	incurostifficulator, by site
popper (prostrictic) 33.33	



ReplacementCont.	Replacement -pulmonary valveCont.
neurostimulatorsee also Implant,	endovascular (percutaneous) (PPVI)
neurostimulator, by site	(TPVR) (transcatheter)
skeletal muscle 83.92	(transfemoral) (transvenous) 35.07
pacemaker	transapical (intercostal)
brainsee Implant, neurostimulator, brain	transcatheter) (transthoracic)
cardiac device (initial) (permanent)	(transventricular) 35.08
dual-chamber device 37.87	in total repair of tetralogy of Fallot <u>35.81</u>
resynchronizationsee	pyelostomy tube <u>55.94</u>
Replacement, CRT-P	rectal tube <u>96.09</u>
single-chamber device <u>37.85</u>	Rheos™ carotid sinus baroreflex activation
rate responsive 37.86	device <u>39.81</u>
electrode(s), cardiac (atrial) (transvenous)	sensor (lead)
(ventricular) 37.76	intracardiac or great vessel hemodynamic
epicardium (myocardium) 37.74	monitoring 00.56
left ventricular coronary venous system 00.	
gastricsee Implant, neurostimulator, gastric	
intracranialsee Implant, neurostimulator,	total, NEC 81.80
intracranial	other 81.80
neuralsee Implant, neurostimulator, by site	reverse 81.88
peripheral nervesee Implant, neurostimulato	
peripheral nerve	plate 02.05
sacral nervesee Implant, neurostimulator,	tongs 02.94
• • •	
sacral nerve	spacer (cement) (joint)
spine-see Implant,neurostimulator,spine	(methylmethacrylate) 84.56
temporary transvenous pacemaker system	specified appliance or device NEC <u>97.29</u>
<u>37.78</u>	spinal motion preservation device
pack or bag	facet replacement device(s) <u>84.84</u>
nose <u>97.21</u>	interspinous process device(s) <u>84.80</u>
teeth, tooth <u>97.22</u>	pedicle-based dynamic stabilization
vagina <u>97.26</u>	device(s) <u>84.82</u>
vulva <u>97.26</u>	splint <u>97.14</u>
wound <u>97.16</u>	stent
pessary, vagina NEC <u>97.25</u>	bile duct <u>97.05</u>
prosthesis	fallopian tube 66.93
acetabulum 81.53	larynx 31.93
arm (bioelectric) (cineplastic) (kineplastic) 84.	
biliary tract 51.99	trachea 31.93
cochlear 20.96	stimoceiversee Implant, stimoceiver,
channel (single) 20.97	by site
multiple 20.98	stimulator
epiretinal visual 14.83	electrode(s)
elbow 81.97	carotid sinus 39.82
extremity (bioelectric) (cineplastic) (kineplasti	
84.40	· · · · · · · · · · · · · · · · · · ·
	generator replacement (total
lower <u>84.48</u>	system) <u>39.81</u>
upper <u>84.44</u>	pulse generator
fallopian tube(Mulligan hood)(stent) 66.93	carotid sinus 39.83
femur <u>81.53</u>	with synchronous electrode(s)
knee <u>81.55</u>	replacement (total system)
leg (bioelectric) (cineplastic) (kineplastic)	39.81
84.48	subdural
penis (internal) (non-inflatable) <u>64.95</u>	grids 02.93
inflatable (internal) <u>64.97</u>	strips 02.93
pulmonary valve, NOS <u>35.26</u>	testis in scrotum 62.5
with	tongs, skull 02.94
prosthesis 35.26	tracheal stent 31.93
tissue graft <u>35.25</u>	נומכווכמו אנכוונ <u>אורסא</u>

ReplacementCont.	Reposition -neurostimulatorCont.
tricuspid valve (with prosthesis) 35.28	leads
with tissue graft <u>35.27</u>	subcutaneous, without device
tube	replacement 86.09
bile duct <u>97.05</u>	within brain <u>02.93</u>
bladder <u>57.95</u>	within or over gastric nerve <u>04.92</u>
cystostomy <u>59.94</u>	within or over peripheral nerve <u>04.92</u>
esophagostomy <u>97.01</u>	within or over sacral nerve 04.92
gastrostomy <u>97.02</u>	within spine <u>03.93</u>
large intestine <u>97.04</u>	pulse generator
nasogastric <u>97.01</u>	subcutaneous, without device
nephrostomy <u>55.93</u>	replacement 86.09
pancreatic duct <u>97.05</u>	renal vessel, aberrant <u>39.55</u>
pyelostomy <u>55.94</u>	subcutaneous device pocket NEC <u>86.09</u>
rectal <u>96.09</u>	thyroid tissue <u>06.94</u>
small intestine <u>97.03</u>	tricuspid valve (with plication) 35.14
tracheostomy <u>97.23</u>	Resection see also Excision, by site
ureterostomy <u>59.93</u>	abdominoendorectal (combined), NOS
ventricular (cerebral) 02.42	48.50
umbilical cord, prolapsed <u>73.92</u>	laparoscopic 48.51
ureter (with)	open <u>48.52</u>
bladder flap <u>56.74</u>	other <u>48.59</u>
ileal segment implanted into bladder <u>56.89</u>	abdominoperineal (rectum), NOS 48.50
[ <u>45.51</u> ]	pull-through(Altemeier)(Swenson) NEC
ureterostomy tube <u>59.93</u>	48.49
urethral sphincter, artificial <u>58.93</u>	Duhamel type 48.65
urinary sphincter, artificial <u>58.93</u>	laparoscopic 48.42
valve	not otherwise specified 48.40
heartsee also Replacement, heart valve poppe	et open <u>48.43</u>
(prosthetic) 35.95	alveolar process and palate (en bloc) 27.32
ventricular (cerebral) 02.42	aneurysmsee Aneurysmectomy
ventricular shunt (catheter) (valve) 02.42	aortic valve (for subvalvular stenosis)
Vinke tongs (skull) <u>02.94</u>	<u>35.11</u>
vitreous (silicone) 14.75	arterysee Arteriectomy
for retinal reattachment 14.59	bile duct NEC <u>51.69</u>
Replant, replantation see also Reattachment	common duct NEC 51.63
extremitysee Reattachment, extremity	bladder (partial) (segmental) (transvesical)
penis <u>64.45</u>	(wedge) <u>57.6</u>
scalp <u>86.51</u>	complete or total <u>57.79</u>
tooth <u>23.5</u>	lesion NEC <u>57.59</u>
Reposition	transurethral approach <u>57.49</u>
cardiac pacemaker	neck <u>57.59</u>
electrode(s) (atrial) (transvenous) (ventricular)	transurethral approach <u>57.49</u>
<u>37.75</u>	blood vesselsee Angiectomy
pocket <u>37.79</u>	brain <u>01.59</u>
cardiac resynchronization defibrillator (CRT-D) -s	ee by
Revision, cardiac resynchronization defibrillat	or stereotactic radiosurgery <u>92.30</u>
cardiac resynchronization pacemaker (CRT-P)	cobalt 60 <u>92.32</u>
see Revision, cardiac resynchronization	linear accelerator (LINAC) 92.31
pacemaker	multi-source <u>92.32</u>
cardioverter/defibrillator (automatic)	particle beam <u>92.33</u>
lead(s) (sensing) (pacing) (epicardial patch) 37.	75 particulate 92.33
pocket <u>37.79</u>	radiosurgery NEC <u>92.39</u>
pulse generator <u>37.79</u>	single source photon 92.31
cilia base <u>08.71</u>	hemisphere <u>01.52</u>
implantable hemodynamic sensor (lead) and	lobe <u>01.53</u>
monitor device <u>37.79</u>	breastsee also Mastectomy
iris <u>12.39</u>	quadrant <u>85.22</u>
neurostimulator	segmental 85.23

ResectionCont.
broad ligament <u>69.19</u>
bronchus (sleeve) (wide sleeve) 32.1
block (en bloc) (with radical dissection of
brachial plexus, bronchus, lobe of lung
ribs, and sympathetic nerves) 32.6
bursa <u>83.5</u>
hand 82.31
cecum (and terminal ileum)
laparoscopic 17.32
open and other 45.72
cerebral meninges 01.51
chest wall 34.4
clavicle 77.81
clitoris 71.4
colon (partial) (segmental) 45.79
ascending (cecum and terminal ileum)
laparoscopic 17.32
open and other 45.72
cecum (and terminal ileum)
laparoscopic 17.32
open and other 45.72
complete
laparoscopic 45.81
open <u>45.82</u>
other <u>45.83</u>
unspecified <u>45.83</u>
descending (sigmoid)
laparoscopic <u>17.36</u>
open and other <u>45.76</u>
for interposition 45.52
Hartmann
laparoscopic <u>17.35</u>
open and other <u>45.75</u>
hepatic flexure
laparoscopic <u>17.33</u>
open and other <u>45.73</u>
laparoscopic <u>17.39</u>
left radical (hemicolon)
laparoscopic 17.35
open and other 45.75
multiple segmental
laparoscopic <u>17.31</u>
open and other 45.71
open and other 45.79
right radical (hemicolon) (ileocolectomy)
laparoscopic 17.33
open and other 45.73
segmental NEC
segmental NEC
laparoscopic <u>17.39</u>
Multiple
laparoscopic <u>17.31</u>
open and other 45.71
open and other <u>45.71</u>
sigmoid
laparoscopic 17.36
open and other <u>45.76</u>
splenic flexure

Resection -colonCont.
laparoscopic <u>17.35</u>
open and other <u>45.75</u>
total
laparoscopic <u>45.81</u>
open <u>45.82</u>
other <u>45.83</u>
unspecified <u>45.83</u>
transverse
laparoscopic 17.34
open and other 45.74
conjunctiva, for pterygium 11.39
corneal graft 11.32
cornual (fallopian tube) (unilateral) <u>66.69</u>
bilateral 66.63
diaphragm 34.81
endaural 20.79
endorectal (pull-through) (Soave) 48.41
combined abdominal, NOS <u>48.50</u>
laparoscopic 48.51
open <u>48.52</u> other <u>48.59</u>
esophagus (partial) (subtotal)see also
Esophagectomy 42.41
total 42.42
exteriorized intestinesee Resection,
intestine, exteriorized
fascia <u>83.44</u>
for graft 83.43
hand <u>82.34</u>
hand 82.35
for graft 82.34
gallbladder (total) 51.22
gastric (partial) (sleeve) (subtotal) NEC
see also Gastrectomy 43.89
with anastomosis NEC 43.89
esophagogastric <u>43.5</u>
gastroduodenal <u>43.6</u>
gastrogastric <u>43.89</u>
gastrojejunal <u>43.7</u>
complete or total NEC <u>43.99</u>
with intestinal interposition 43.91
laparoscopic 43.82
radical NEC <u>43.99</u>
with intestinal interposition 43.91
wedge <u>43.42</u>
endoscopic <u>43.41</u>
hallux valgus (joint)see also Bunionectomy
with prosthetic implant 77.59 hepatic
duct 51.69
flexure (colon)
laparoscopic 17.33
open and other 45.73
infundibula, heart (right) 35.34
intestine (partial) NEC
cecum (with terminal ileum)
laparoscopic 17.32
open and other 45.72
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Resection -intestineCont.	ResectionCont.
exteriorized (large intestine) <u>46.04</u>	joint structure NECsee also Arthrectomy
small intestine <u>46.02</u>	<u>80.90</u>
for interposition 45.50	kidney (segmental) (wedge) <u>55.4</u>
large intestine <u>45.52</u>	larynxsee also Laryngectomy
small intestine <u>45.51</u>	submucous 30.29
hepatic flexure	lesionsee Excision, lesion, by site
laparoscopic <u>17.33</u>	levator palpebrae muscle <u>08.33</u>
open and other <u>45.73</u>	ligamentsee also Arthrectomy <u>80.90</u>
ileum <u>45.62</u>	broad <u>69.19</u>
with cecum	round <u>69.19</u>
laparoscopic <u>17.32</u>	uterine <u>69.19</u>
open and other <u>45.72</u>	lip (wedge) <u>27.43</u>
laparoscopic <u>17.39</u>	liver (partial) (wedge) <u>50.22</u>
large (partial) (segmental) NEC <u>45.79</u>	lobe (total) <u>50.3</u>
for interposition <u>45.52</u>	total <u>50.4</u>
laparoscopic <u>17.39</u>	lung (wedge) NEC <u>32.29</u>
multiple segmental	endoscopic <u>32.28</u>
laparoscopic <u>17.31</u>	segmental (any part) <u>32.39</u>
open and other multiple segmental 45.7	<u>1</u> thoracoscopic <u>32.30</u>
other <u>45.79</u>	thoracoscopic <u>32.20</u>
total	volume reduction 32.22
laparoscopic <u>45.81</u>	biologic lung volume reduction (BLVR)
open <u>45.82</u>	see category <u>33.7</u>
other <u>45.83</u>	meninges (cerebral) <u>01.51</u>
unspecified <u>45.83</u>	spinal <u>03.4</u>
unspecified <u>45.79</u>	mesentery <u>54.4</u>
left hemicolon	muscle <u>83.45</u>
laparoscopic <u>17.35</u>	extraocular <u>15.13</u>
open and other <u>45.75</u>	with
multiple segmental (large intestine)	advancement or recession of other
laparoscopic <u>17.31</u>	eye muscle <u>15.3</u>
open and other <u>45.71</u>	suture of original insertion <u>15.13</u>
small intestine <u>45.61</u>	levator palpebrae <u>08.33</u>
open and other <u>45.79</u>	Muller's, for blepharoptosis <u>08.35</u>
right hemicolon	orbicularis oculi <u>08.20</u>
laparoscopic <u>17.33</u>	tarsal, for blepharoptosis <u>08.35</u>
open and other 45.73	for graft <u>83.43</u>
segmental (large intestine) <u>45.79</u>	hand <u>82.34</u>
laparoscopic <u>17.39</u>	hand <u>82.36</u>
multiple	for graft <u>82.34</u>
laparoscopic <u>17.31</u>	ocularsee Resection, muscle, extraocular
open and other 45.71	myocardium <u>37.33</u>
small intestine <u>45.62</u>	nasal septum (submucous) <u>21.5</u>
multiple <u>45.61</u>	nerve (cranial) (peripheral) NEC <u>04.07</u>
sigmoid	phrenic <u>04.03</u>
laparoscopic <u>17.36</u>	for collapse of lung 33.31
open and other 45.76	sympathetic <u>05.29</u>
small (partial) (segmental) NEC <u>45.62</u>	vagussee Vagotomy
for interposition 45.51	nose (complete) (extended) (partial)
multiple segmental <u>45.61</u>	(radical) <u>21.4</u>
total <u>45.63</u>	omentum <u>54.4</u>
total	orbitomaxillary, radical <u>16.51</u>
large intestine	ovarysee also Oophorectomy
laparoscopic <u>45.81</u>	wedge <u>65.22</u>
open <u>45.82</u>	laparoscopic <u>65.24</u>
other <u>45.83</u>	palate (bony) (local) 27.31
unspecified 45.83	by wide excision 27.32
small intestine <u>45.63</u>	soft <u>27.49</u>

R

	<del>-</del>
ResectionCont.	Resection -rectumCont.
pancreas (total) (with synchronous duodenecton	y) STARR procedure <u>48.74</u>
<u>52.6</u>	submucosal (Soave) 48.41
partial NEC 52.59	combined abdominal, NOS 48.50
distal (tail) (with part of body) 52.52	laparoscopic 48.51
proximal (head) (with part of body) (with	open 48.52
synchronous duodenectomy) <u>52.51</u>	other 48.59
radical subtotal 52.53	rib (transaxillary) 77.91
radical (one-stage) (two-stage) 52.7	as operative approachomit code
subtotal 52.53	incidental to thoracic operation
pancreaticoduodenalsee also Pancreatectomy	omit code
52.6	right ventricle (heart), for infundibular
pelvic viscera (en masse) (female) 68.8	stenosis 35.34
male <u>57.71</u>	root (tooth) (apex) 23.73
penis 64.3	
	with root canal therapy 23.72
pericardium (partial) (for)	residual or retained 23.11
chronic constrictive pericarditis <u>37.31</u>	round ligament <u>69.19</u>
drainage 37.12	sclera <u>12.65</u>
removal of adhesions <u>37.31</u>	with scleral bucklingsee also Buckling,
peritoneum <u>54.4</u>	scleral <u>14.49</u>
pharynx (partial) 29.33	lamellar (for retinal reattachment) 14.49
phrenic nerve <u>04.03</u>	with implant 14.41
for collapse of lung <u>33.31</u>	scrotum <u>61.3</u>
prostatesee also Prostatectomy	soft tissue NEC <u>83.49</u>
transurethral (punch) <u>60.29</u>	hand <u>82.39</u>
pterygium <u>11.39</u>	sphincter of Oddi <u>51.89</u>
radial head <u>77.83</u>	spinal cord (meninges) <u>03.4</u>
rectosigmoidsee also Resection, rectum 48.69	splanchnic <u>05.29</u>
rectum (partial) NEC <u>48.69</u>	splenic flexure (colon) 45.75
with	sternum <u>77.81</u>
pelvic exenteration <u>68.8</u>	stomach (partial) (sleeve) (subtotal) NEC
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Duhamel type 48.65	radical NEC 43.99
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combined abdominal, NOS 48.50	synovial membrane (complete) (partial)
laparoscopic 48.51	see also Synovectomy 80.70
open <u>48.52</u>	tarsolevator 08.33
other 48.59	tendon 83.42
	hand 82.33
posterior <u>48.64</u> pull-through NEC 48.49	thoracic structures (block) (en bloc) (radical)
endorectal 48.41	(brachial plexus, bronchus, lobes of lung,
laparoscopic 48.42	ribs, and sympathetic nerves) 32.6
not otherwise specified 48.40	thorax <u>34.4</u>

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tongue <u>25.2</u>	cardioversion 99.62
wedge <u>25.1</u>	atrial <u>99.61</u>
tooth root 23.73	defibrillation <u>99.62</u>
with root canal therapy 23.72	external massage <u>99.63</u>
apex (abscess) <u>23.73</u>	open chest <u>37.91</u>
with root canal therapy 23.72	intracardiac injection 37.92
residual or retained <u>23.11</u>	cardiopulmonary <u>99.60</u>
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bladder NEC <u>57.49</u>	mouth-to-mouth 93.93
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laparoscopic <u>17.34</u>	abdominal wall <u>54.61</u>
open and other <u>45.74</u>	cardiac septum prosthesis <u>35.95</u>
turbinatessee Turbinectomy	chest wall <u>34.71</u>
ureter (partial) <u>56.41</u>	heart valve prosthesis (poppet) 35.95
total <u>56.42</u>	wound (skin and subcutaneous tissue)
uterussee Hysterectomy	(without graft) NEC <u>86.59</u>
veinsee Phlebectomy	Retavase, infusion 99.10
ventricle (heart) 37.35	Reteplase, infusion 99.10
infundibula <u>35.34</u>	Retightening (noninvasive)
vesical neck <u>57.59</u>	external fixator deviceomit code
transurethral <u>57.49</u>	Retinaculotomy NEC see also Division,
vocal cords (punch) 30.22	ligament <u>80.40</u>
Respirator, volume-controlled (Bennett) (Byrd)s	
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cardioesophageal angle 44.66	vocational <u>93.85</u>
laparoscopic 44.67	Retrogasserian neurotomy <u>04.02</u>
dental NEC <u>23.49</u>	Revascularization
by	cardiac (heart muscle) (myocardium) (direct)
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removable 23.43	bypass anastomosis
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with graft 16.63	(homograft) (prosthesis)
tooth NEC 23.2	(saphenous vein graft) 36.10
by	one coronary vessel 36.11
crown (artificial) 23.41	two coronary vessels 36.12 three coronary vessels 36.13
filling(amalgam)(plastic)(silicate) 23.2	four coronary vessels 36.14
inlay 23.3	gastroepiploic artery to coronary
Restrictive	artery 36.17
gastric band, laparoscopic 44.95	internal mammary-coronary artery
Resurfacing, hip 00.86	(single vessel) 36.15
acetabulum 00.87	double vessel <u>36.16</u>
with femoral head 00.85	specified type NEC 36.19
femoral head 00.86	thoracic artery-coronary artery
with acetabulum 00.85	(single vessel) 36.15
partial NOS 00.85	double vessel 36.16
acetabulum 00.87	implantation of artery into heart(muscle)
femoral head 00.86	(myocardium) (ventricle) 36.2
total (acetabulum and femoral head) 00.85	indirect 36.2
Resuscitation	specified type NEC <u>36.39</u>
artificial respiration 93.93	transmyocardial
cardiac <u>99.60</u>	endoscopic <u>36.33</u>

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endovascular <u>36.34</u>	cardiac resynchronization defibrillator (CRT-D)
open chest 36.31	device 37.79
percutaneous 36.34	electrode(s) 37.75
specified type NEC 36.32	pocket 37.79
thoracoscopic 36.33	cardiac resynchronization pacemaker (CRT-P)
Reversal, intestinal segment <u>45.50</u>	device (permanent) 37.89
large <u>45.52</u>	electrode(s) (atrial) (transvenous)
small <u>45.51</u>	(ventricular) <u>37.75</u>
Revision	pocket <u>37.79</u>
amputation stump 84.3	cardioverter/defibrillator (automatic)
current traumaticsee Amputation	pocket 37.79
anastomosis	cholecystostomy 51.99
biliary tract 51.94	cleft palate repair 27.63
blood vessel <u>39.49</u>	colostomy 46.43
gastric, gastrointestinal (with jejunal	conduit, urinary <u>56.52</u>
interposition) <u>44.5</u>	cystostomy (stoma) <u>57.22</u>
intestine (large) <u>46.94</u>	disc-see Revision, intervertebral disc
small 46.93	elbow replacement (prosthesis) 81.97
pleurothecal 03.97	enterostomy (stoma) 46.40
pyelointestinal <u>56.72</u>	large intestine 46.43
salpingothecal 03.97	small intestine 46.41
	enucleation socket 16.64
subarachnoid-peritoneal 03.97	
subarachnoid-ureteral <u>03.97</u>	with graft <u>16.63</u>
ureterointestinal <u>56.72</u>	esophagostomy <u>42.83</u>
ankle replacement (prosthesis) <u>81.59</u>	exenteration cavity <u>16.66</u>
anterior segment (eye) wound (operative) NEC	with secondary graft <u>16.65</u>
12.83	extraocular muscle surgery <u>15.6</u>
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bone flap, skull <u>02.06</u>	fixation device (broken) (displaced)
breast implant 85.93	see also Fixation, bone, internal 78.50
bronchostomy <u>33.42</u>	flap or pedicle graft (skin) <u>86.75</u>
bypass graft (vascular) <u>39.49</u>	foot replacement (prosthesis) <u>81.59</u>
abdominal - coronary artery <u>36.17</u>	gastric anastomosis (with jejunal
aortocoronary (catheter stent)(with prosthesis	)( interposition) <u>44.5</u>
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36.10	gastric port device
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two coronary vessels 36.12	gastroduodenostomy (with jejunal
three coronary vessels 36.13	interposition) 44.5
four coronary vessels <u>36.14</u>	gastrointestinal anastomosis (with jejunal
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internal mammary -coronary artery bypass	hip replacement NOS 81.53
internal mammary -coronary artery (single)	acetabular and femoral components
36.15	(total) 00.70
	, ,
double vessel <u>36.16</u>	acetabular component only <u>00.71</u>
cannula, vessel-to-vessel (arteriovenous) 39.94	acetabular liner and/or femoral head
canthus, lateral <u>08.59</u>	only <u>00.73</u>
cardiac pacemaker	femoral component only <u>00.72</u>
device (permanent) 37.89	femoral head only and/or acetabular
electrode(s) (atrial) (transvenous) (ventricular)	liner 00.73
37.75	partial
pocket <u>37.79</u>	acetabular component only <u>00.71</u>
F	<u> </u>

Revision - hip replacementCont.	Revision -joint replacementCont.
acetabular liner and/or femoral head onl	
00.73	toe 81.59
femoral component only <u>00.72</u>	upper extremity 81.97
femoral head only and/or acetabular line	
00.73	knee replacement (prosthesis) NOS 81.55
total (acetabular and femoral components) 0	
Holter (-Spitz) valve <u>02.42</u>	partial
intercostal catheter(with lysis of adhesions)34.04	femoral component <u>00.82</u>
thoracoscopic 34.06	patellar component 00.83
ileal conduit 56.52	tibial component 00.81
ileostomy 46.41	tibial insert 00.84
intervertebral disc, artificial (partial) (total) NOS	patellar component 00.83
84.69	tibial component 00.81
cervical 84.66	tibial insert 00.84
lumbar, lumbosacral <u>84.68</u>	total (all components) <u>00.80</u>
thoracic 84.67	laryngostomy 31.63
Jejunoileal bypass <u>46.93</u>	lateral canthus 08.59
jejunostomy <u>46.41</u>	mallet finger <u>82.84</u>
joint replacement	mastoid antrum 19.9
acetabular and femoral components (total)	mastoidectomy 20.92
<u>00.70</u>	nephrostomy <u>55.89</u>
acetabular component only <u>00.71</u>	neuroplasty <u>04.75</u>
acetabular liner and/or femoral head only <u>00</u> .	
ankle <u>81.59</u>	orbital implant <u>16.62</u>
elbow <u>81.97</u>	pocket
femoral component only <u>00.72</u>	cardiac device (defibrillator) (pacemaker)
femoral head only and/or acetabular liner <u>00</u> .	
foot <u>81.59</u>	omit code
hand <u>81.97</u>	new site (cardiac device pocket) (skin)
hip <u>81.53</u>	(subcutaneous) <u>37.79</u>
acetabular and femoral components (total)	
<u>00.70</u>	generator 39.85
acetabular component only <u>00.71</u>	with initial insertion of pulse
acetabular liner and/or femoral head only	generator - <i>omit code</i>
00.73	intracardiac hemodynamic monitoring
femoral component only <u>00.72</u>	<u>37.79</u>
femoral head only and/or acetabular liner	subcutaneous device pocket NEC
<u>00.73</u>	with initial insertion of generator or
partial	deviceomit code
acetabular component only <u>00.71</u>	new site <u>86.09</u>
acetabular liner and/or femoral head o	
00.73	with initial insertion of battery
femoral component only <u>00.72</u>	package <i>omit code</i>
femoral head only and/or acetabular lir	
00.73	previous mastectomy sitesee categories
total (acetabular and femoral components)	
<u>00.70</u>	proctostomy <u>48.79</u>
knee replacement NOS <u>81.55</u>	prosthesis
femoral component <u>00.82</u>	acetabular and femoral components
partial	(total) <u>00.70</u>
femoral component <u>00.82</u>	acetabular component only <u>00.71</u>
patellar component <u>00.83</u>	acetabular liner and/or femoral head
tibial component <u>00.81</u>	only <u>00.73</u>
tibial insert <u>00.84</u>	ankle <u>81.59</u>
patellar component 00.83	breast <u>85.93</u>
tibial component <u>00.81</u>	elbow <u>81.97</u>
tibial insert <u>00.84</u>	epiretinal visual <u>14.83</u>
total (all components) 00.80	femoral component only 00.72

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Revision -prosthesisCont.	
femoral head only and/or acetabular liner 00.73	
foot <u>81.59</u>	
hand <u>81.97</u>	
heart valve (poppet) <u>35.95</u> hip <u>81.53</u>	
acetabular component only 00.71	
acetabular liner and/or femoral head only 00.73	
femoral component only <u>00.72</u> femoral head only and/or acetabular liner <u>00.73</u>	
partial acetabular component only 00.71	
acetabular liner and/or femoral head only 00.73	
femoral component only <u>00.72</u> femoral head only and/or acetabular liner <u>00.73</u>	
acetabular and femoral components (total) 00.70	
total (acetabular and femoral components)	
<u>00.70</u>	
knee NOS 81.55	
femoral component <u>00.82</u> partial	
femoral component <u>00.82</u>	
patellar component 00.83	
tibial component <u>00.81</u> tibial insert 00.84	
patellar component 00.83	
tibial component 00.81	
tibial insert <u>00.84</u>	
total (all components) 00.80	
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pedicle-based dynamic stabilization device(s) 84.83	
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toe <u>81.59</u>	
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peritoneovascular <u>54.99</u>	

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subarachnoid-ureteral 03.97
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ventriculoperitoneal
at peritoneal site <u>54.95</u>
at ventricular site <u>02.42</u>
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with incus replacement (homograft)
(prosthesis) 19.21
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electrode(s)
, ,
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carotid sinus <u>39.85</u>
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hepatic duct 51.79
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small <u>46.41</u>
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larynx <u>31.63</u>
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Roentgenographysee also Radiography cardiac, negative contrast 88.58 Rolling of conjunctiva 10.33 Root     canal (tooth) (therapy) 23.70     with         apicoectomy 23.72         irrigation 23.71     resection (tooth) (apex) 23.73         with root canal therapy 23.72         residual or retained 23.11 Rotation of fetal head     forceps (instrumental) (Kielland) (Scanzoni) (key-in-lock) 72.4     manual 73.51 Routine     chest x-ray 87.44     psychiatric visit 94.12
Roentgenographysee also Radiography cardiac, negative contrast 88.58 Rolling of conjunctiva 10.33 Root  canal (tooth) (therapy) 23.70  with  apicoectomy 23.72  irrigation 23.71  resection (tooth) (apex) 23.73  with root canal therapy 23.72  residual or retained 23.11 Rotation of fetal head forceps (instrumental) (Kielland) (Scanzoni)  (key-in-lock) 72.4  manual 73.51 Routine  chest x-ray 87.44  psychiatric visit 94.12 Roux-en-Y operation
Roentgenographysee also Radiography cardiac, negative contrast 88.58 Rolling of conjunctiva 10.33 Root  canal (tooth) (therapy) 23.70  with  apicoectomy 23.72  irrigation 23.71  resection (tooth) (apex) 23.73  with root canal therapy 23.72  residual or retained 23.11 Rotation of fetal head forceps (instrumental) (Kielland) (Scanzoni)  (key-in-lock) 72.4  manual 73.51 Routine  chest x-ray 87.44  psychiatric visit 94.12 Roux-en-Y operation  bile duct 51.36
Roentgenographysee also Radiography cardiac, negative contrast 88.58 Rolling of conjunctiva 10.33 Root  canal (tooth) (therapy) 23.70  with  apicoectomy 23.72  irrigation 23.71  resection (tooth) (apex) 23.73  with root canal therapy 23.72  residual or retained 23.11 Rotation of fetal head forceps (instrumental) (Kielland) (Scanzoni)  (key-in-lock) 72.4  manual 73.51 Routine  chest x-ray 87.44  psychiatric visit 94.12 Roux-en-Y operation  bile duct 51.36  cholecystojejunostomy 51.32
Roentgenographysee also Radiography cardiac, negative contrast 88.58 Rolling of conjunctiva 10.33 Root  canal (tooth) (therapy) 23.70  with  apicoectomy 23.72  irrigation 23.71  resection (tooth) (apex) 23.73  with root canal therapy 23.72  residual or retained 23.11 Rotation of fetal head  forceps (instrumental) (Kielland) (Scanzoni) (key-in-lock) 72.4  manual 73.51 Routine  chest x-ray 87.44  psychiatric visit 94.12 Roux-en-Y operation  bile duct 51.36  cholecystojejunostomy 51.32  esophagus (intrathoracic) 42.54
Roentgenographysee also Radiography cardiac, negative contrast 88.58 Rolling of conjunctiva 10.33 Root canal (tooth) (therapy) 23.70 with apicoectomy 23.72 irrigation 23.71 resection (tooth) (apex) 23.73 with root canal therapy 23.72 residual or retained 23.11 Rotation of fetal head forceps (instrumental) (Kielland) (Scanzoni) (key-in-lock) 72.4 manual 73.51 Routine chest x-ray 87.44 psychiatric visit 94.12 Roux-en-Y operation bile duct 51.36 cholecystojejunostomy 51.32 esophagus (intrathoracic) 42.54 gastroenterostomy 44.39
Roentgenographysee also Radiography cardiac, negative contrast 88.58 Rolling of conjunctiva 10.33 Root  canal (tooth) (therapy) 23.70  with  apicoectomy 23.72  irrigation 23.71  resection (tooth) (apex) 23.73  with root canal therapy 23.72  residual or retained 23.11 Rotation of fetal head forceps (instrumental) (Kielland) (Scanzoni) (key-in-lock) 72.4  manual 73.51 Routine  chest x-ray 87.44  psychiatric visit 94.12 Roux-en-Y operation  bile duct 51.36  cholecystojejunostomy 51.32  esophagus (intrathoracic) 42.54  gastroenterostomy 44.39  laparoscopic 44.38
Roentgenographysee also Radiography cardiac, negative contrast 88.58 Rolling of conjunctiva 10.33 Root  canal (tooth) (therapy) 23.70  with  apicoectomy 23.72  irrigation 23.71  resection (tooth) (apex) 23.73  with root canal therapy 23.72  residual or retained 23.11 Rotation of fetal head  forceps (instrumental) (Kielland) (Scanzoni) (key-in-lock) 72.4  manual 73.51 Routine  chest x-ray 87.44  psychiatric visit 94.12 Roux-en-Y operation  bile duct 51.36  cholecystojejunostomy 51.32  esophagus (intrathoracic) 42.54  gastroenterostomy 44.39  laparoscopic 44.38  gastrojejunostomy 44.39
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## S

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77.39	hematopoietic 92.05
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pulmonary <u>92.15</u>	iridectomy <u>12.65</u>
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spleen <u>92.05</u>	iridectomy <u>12.65</u>
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uterus <u>92.19</u>	intestinal bypass for obesity 45.93
renal <u>92.03</u>	jejunocolostomy (bypass) <u>45.93</u>
thermalsee Thermography	Scraping
Scapulectomy (partial) 77.81	corneal epithelium <u>11.41</u>
total <u>77.91</u>	for smear or culture 11.21
Scapulopexy <u>78.41</u>	trachoma follicles <u>10.33</u>
Scarification	Scrotectomy (partial) 61.3
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Schede operation (thoracoplasty) 33.34	nerve (cranial) (peripheral) NEC <u>04.03</u>
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Schuchardt operation (nonobstetrical	arcuateomit code
episiotomy) <u>71.09</u>	flavum <i>omit code</i>
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agent) 34.92 [99.25]	Septorhinoplasty 21.84 Septostomy (atrial) (halloon) 35.41
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VCIII IVEC JJ.JE	

Sequestrectomy bone 77.00	Sh
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clavicle 77.01	
facial 76.01	
femur <u>77.05</u>	
fibula 77.07	
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ulna <u>77.03</u>	
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skull <u>01.25</u>	
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endopelvic fascia 69.22	
extraocular muscle NEC <u>15.22</u>	•
multiple (two or more muscles) 15.4	
eyelid margin <u>08.71</u>	
eye muscle NEC 15.22	İ
multiple (two or more muscles) (with	
lengthening) <u>15.4</u>	

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	ligamentsee also Arthroplasty
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	uterosacral <u>69.22</u>
	muscle <u>83.85</u>
	extraocular <u>15.22</u>
	multiple (two or more muscles) <u>15.4</u>
	hand <u>82.55</u>
	sclera (for repair of retinal detachment)
	<u>14.59</u>
	by scleral bucklingsee also Buckling,
	scleral <u>14.49</u>
	tendon <u>83.85</u>
	hand <u>82.55</u>
	ureter (with reimplantation) <u>56.41</u>
ił	nuntsee also Anastomosis and Bypass,
	vascular
	abdominovenous <u>54.94</u>
	aorta-coronary sinus <u>36.39</u>
	aorta (descending)-pulmonary (artery) 39.0
	aortocarotid <u>39.22</u>
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	aortofemoral <u>39.25</u>
	aortoiliac <u>39.25</u>
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	aortomesenteric <u>39.26</u>
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	anastomosis <u>39.27</u>
	external cannula <u>39.93</u>
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	(Waterston) 39.0 axillary-femoral 39.29
	axillary-femoral <u>39.29</u>
	carotid-carotid <u>39.22</u>
	carotid-subclavian 39.22
	caval-mesenteric 39.1
	corpora cavernosa-corpus spongiosum
	<u>64.98</u>
	corpora-saphenous <u>64.98</u>
	descending aorta to pulmonary artery
	(Potts-Smith) 39.0
	endolymphatic (-subarachnoid) 20.71
	endolymph-perilymph 20.71
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	femoroperoneal 39.29
	femoropopliteal 39.29
	iliofemoral 39.25
	ilioiliac <u>39.25</u>

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intestinal	lumbar site 02.39
large-to-large 45.94	mastoid <u>02.31</u>
small-to-large <u>45.93</u>	nasopharynx <u>02.31</u>
small-to-small <u>45.91</u>	peritoneal <u>02.34</u>
left subclavian to descending aorta	thoracic cavity <u>02.33</u>
(Blalock-Park) 39.0	ureter <u>02.35</u>
left-to-right (systemic-pulmonary artery)	urinary system <u>02.35</u>
<u>39.0</u>	venous system <u>02.32</u>
left ventricle (heart) (apex) and aorta 35.93	ventriculoatrial (with valve) 02.32
lienorenal <u>39.1</u>	ventriculocaval (with valve) 02.32
lumbar-subarachnoid (with valve) NEC <u>03.79</u>	ventriculocisternal (with valve) <u>02.22</u>
mesocaval <u>39.1</u>	ventriculolumbar (with valve) <u>02.39</u>
peritoneal-jugular <u>54.94</u>	ventriculomastoid (with valve) <u>02.31</u>
peritoneo-vascular <u>54.94</u>	ventriculonasopharyngeal <u>02.31</u>
peritoneovenous <u>54.94</u>	ventriculopleural (with valve) <u>02.33</u>
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pleurothecal (with valve) <u>03.79</u>	(submaxillary) <u>26.30</u>
portacaval (double) <u>39.1</u>	complete <u>26.32</u>
portal-systemic <u>39.1</u>	partial <u>26.31</u>
portal vein to vena cava <u>39.1</u>	radical <u>26.32</u>
pulmonary-innominate 39.0	Sialoadenolithotomy <u>26.0</u>
pulmonary vein to atrium 35.82	Sialoadenotomy <u>26.0</u>
renoportal 39.1	Sialodochoplasty NEC <u>26.49</u>
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right ventricle and pulmonary artery (distal)	·
35.92	Sieve, vena cava 38.7
in repair of	Sigmoid bladder <u>57.87</u> [ <u>45.52</u> ]
pulmonary artery atresia 35.92	Sigmoidectomy
transposition of great vessels 35.92	laparoscopic 17.36
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salpingothecal (with valve) <u>03.79</u> semicircular subarachnoid <u>20.71</u>	Sigmoidomyotomy 46.91
spinal (thecal) (with valve) NEC 03.79	Sigmoidopexy (Moschowitz) 46.63
subarachnoid-peritoneal 03.71	<b>Sigmoidoproctectomy</b> see also Resection, rectum 48.69
subarachnoid-ureteral 03.72	Sigmoidoproctostomy 45.94
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arterial <u>39.26</u>	Sigmoidorrhaphy 46.75
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subarachnoid-ureteral (with valve) 03.72	with biopsy <u>45.25</u>
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systemic-pulmonary artery 39.0	Sigmoidosigmoidostomy 45.94
transjugular intrahepatic portosystemic	proximal to distal segment
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<u>39.21</u>	Sigmoidostomysee also Colostomy 46.10
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abdominal cavity or organ <u>02.34</u>	Silver operation (bunionectomy) 77.59
bone marrow <u>02.39</u>	Sinogram
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cisterna magna <u>02.22</u>	retroperitoneum <u>88.14</u>
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gallbladder <u>02.34</u>	(with turbinectomy) 22.60
head or neck structure 02.31	antrum <u>22.62</u>
intracerebral site NEC <u>02.22</u>	with Caldwell-Luc approach 22.61

Cimura ata mus. Camt
SinusectomyCont.
ethmoid <u>22.63</u>
frontal 22.42
maxillary 22.62
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Spermatocystectomy 60.73
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old 49.79
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posterior 49.52
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choledochal 51.82
endoscopic 51.85
iris 12.12
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endoscopic 51.85
sphincter of Oddi 51.82
endoscopic <u>51.85</u>
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endoscopic <u>51.85</u>
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uterus) 75.93
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op.a

Splanchnicotomy <u>05.0</u>	Stapling - epiphyseal plateCont
Splenectomy (complete) (total) 41.5	ulna <u>78.23</u>
partial <u>41.43</u>	gastric varices 44.91
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radioisotope 92.05	left atrial appendage <u>37.36</u>
Splenolysis 54.59	vein 39.32
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Splenopexy 41.95	48.74
Splenoplasty <u>41.95</u>	StaXx® FX Structural Kyphoplasty System
<b>Splenoportogram</b> (by splenic arteriography)	<u>81.66</u>
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81.00	male NECsee also Ligation, vas deferens
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84.16	Sternotomy 77.31
Ssabanejew-Frank operation (permanent	as operative approach <i>omit code</i>
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Stabilization, jointsee also Arthrodesis	pyeloplasty) <u>55.87</u>
patella (for recurrent dislocation) 81.44	Stimulation (electronic)see also Implant,
Stacke operation (simple mastoidectomy)	electronic stimulator
20.41 Stalland an archican	bone growth (percutaneous)
Stallard operation	see category 78.9
(conjunctivocysto-rhinostomy) 09.82	transcutaneous (surface) 99.86
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Stamm (-Kader) operation (temporary	internal <u>37.91</u>
gastrostomy) <u>43.19</u>	carotid sinus <u>99.64</u>
Stapedectomy <u>19.19</u>	CaverMap™ <u>89.58</u>
with incus replacement (homograft)	defibrillator
(prosthesis) <u>19.11</u>	as part of intraoperative testingomit code
revision <u>19.29</u>	catheter based invasive
with incus replacement 19.21	electro-physiologic testing <u>37.26</u>
Stapediolysis 19.0	device interrogation only without
Stapling	arrhythmia induction (bedside
artery 39.31	check) 89.45 - 89.49
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epiphyseal plate 78.20	as part of intraoperative testingomit code
femur <u>78.25</u>	catheter based invasive
fibula 78.27	electrophysiologic testing 37.26
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radius <u>78.23</u>	arrhythmia induction (bedside
specified site NEC <u>78.29</u>	check) <u>89.45 - 89.49</u>
tibia <u>78.27</u>	

<b>Stimulation</b> electrophysiologic, cardiac	<b>Study</b> - electrophysiologic stimulation and
Cont.	recording, cardiacCont.
noninvasive programmed electrical	device interrogation only without
stimulation (NIPS) 37.20	arrhythmia induction (bedside
nerve	check) <u>89.45 - 89.49</u>
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Strassman operation (metroplasty) 69.49	functionsee categories 89.37-89.38
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<u>83.72</u>	radio-iodinated triolein <u>92.04</u>
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eyelid (with elongation) 08.71	spirometer <u>89.37</u>
fascia <u>93.28</u>	tracer <i>see also</i> Scan, radioisotope eye
foreskin <u>99.95</u>	(P32) <u>95.16</u>
iris <u>12.63</u>	ultrasonicsee Ultrasonography
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tendon <u>93.27</u>	cardiovascular <u>92.05</u>
Stripping	pulmonary <u>92.15</u>
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Stromeyer-Little operation (hepatotomy) 50.0	other CAS 00.39
Strong operation (unbridling of celiac	robotic assistedsee category 17.4
artery axis) 39.91	IGSsee Surgery, computer assisted
Stryker frame 93.59	image guidedsee Surgery, computer assisted
Study	navigation (CT-free, IGN image guided,
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dark adaptation, eye <u>95.07</u>	bladder NEC <u>57.89</u>
electrophysiologic stimulation and	diverticulum, pharynx <u>29.59</u>
recording, cardiac	kidney <u>55.7</u>
as part of intraoperative testing	Olshausen (uterus) <u>69.22</u>
omit code	ovary <u>65.79</u>
catheter based invasive	paraurethral (Pereyra) <u>59.6</u>
electrophysiologic testing <u>37.26</u>	periurethral <u>59.6</u>
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urethrovesical	dura mater (cerebral) <u>02.11</u>
Goebel-Frangenheim-Stoeckel <u>59.4</u>	spinal <u>03.59</u>
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levator muscle sling <u>59.71</u>	enterocele <u>70.92</u>
Marshall-Marchetti (-Krantz) <u>59.5</u>	with graft or prosthesis <u>70.93</u>
Millin-Read <u>59.4</u>	entropion <u>08.42</u>
suprapubic <u>59.4</u>	epididymis (and)
uterus (abdominal or vaginal approach)	spermatic cord <u>63.51</u>
<u>69.22</u>	vas deferens <u>63.81</u>
vagina <u>70.77</u>	episiotomysee Episiotomy
with graft or prosthesis 70.78	esophagus <u>42.82</u>
Suture (laceration)	eyeball <u>16.89</u>
abdominal wall <u>54.63</u>	eyebrow <u>08.81</u>
secondary <u>54.61</u>	eyelid <u>08.81</u>
adenoid fossa <u>28.7</u>	with entropion or ectropion repair 08.42
adrenal (gland) <u>07.44</u>	fallopian tube <u>66.71</u>
aneurysm (cerebral) (peripheral) 39.52	fascia <u>83.65</u>
anus <u>49.71</u>	hand <u>82.46</u>
obstetric laceration (current) 75.62	to skeletal attachment <u>83.89</u>
old <u>49.79</u>	hand <u>82.89</u>
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aponeurosissee also Suture, tendon83.64	ganglion, sympathetic 05.81
arteriovenous fistula 39.53	gingiva 24.32
artery 39.31	great vessel 39.30
percutaneous puncture closure <i>omit code</i>	artery <u>39.31</u>
bile duct 51.79	vein 39.32
bladder 57.81	gum <u>24.32</u>
obstetric laceration (current) 75.61	heart 37.49
blood vessel NEC 39.30	hepatic duct 51.79
artery 39.31	hymen <u>70.76</u>
percutaneous puncture closureomit code	ileum 46.73
vein 39.32	intestine 46.79
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bronchus 33.41	small 46.73
bursa 83.99	jejunum 46.73
hand 82.99	joint capsule 81.96
canaliculus 09.73	with arthroplastysee Arthroplasty
cecum 46.75	ankle 81.94
cerebral meninges <u>02.11</u>	foot 81.94
cervix (traumatic laceration) 67.61	lower extremity NEC 81.95
internal os, encirclement 67.59	upper extremity 81.93
obstetric laceration (current) 75.51	kidney <u>55.81</u>
old 67.69	labia <u>71.71</u>
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clitoris 71.4	ligament 81.96
colon 46.75	with arthroplastysee Arthroplasty
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conjunctiva 10.6	broad 69.29
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with conjunctival flap 11.53	foot and toes 81.94
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with conjunctival flap 11.53	knee <u>81.95</u>
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duodenum 46.71	sacrouterine 69.29
ulcer (bleeding) (perforated) 44.42	upper extremity 81.93
endoscopic 44.43	uterine 69.29
ciidoscopic <u>++.+5</u>	dicinic <u>05.25</u>

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SutureCont.	SutureCont.
ligationsee Ligation	periurethral tissue to symphysis pubis $\underline{59.5}$
lip <u>27.51</u>	pharynx 29.51
liver <u>50.61</u>	pleura <u>34.93</u>
lung <u>33.43</u>	rectum <u>48.71</u>
meninges (cerebral) <u>02.11</u>	obstetric laceration (current) 75.62
spinal <u>03.59</u>	retina (for reattachment) <u>14.59</u>
mesentery <u>54.75</u>	sacrouterine ligament <u>69.29</u>
mouth <u>27.52</u>	salivary gland <u>26.41</u>
muscle <u>83.65</u>	scalp <u>86.59</u>
hand <u>82.46</u>	replantation <u>86.51</u>
ocular (oblique) (rectus) 15.7	sclera (with repair of conjunctiva) 12.81
nerve (cranial) (peripheral) 04.3	scrotum (skin) 61.41
sympathetic 05.81	secondary
nose (external) (internal) 21.81	abdominal wall 54.61
for epistaxis 21.09	episiotomy <u>75.69</u>
obstetric laceration NEC 75.69	peritoneum 54.64
bladder 75.61	sigmoid <u>46.75</u>
cervix <u>75.51</u>	skin (mucous membrane) (without graft)
corpus uteri 75.52	86.59
pelvic floor 75.69	with graftsee Graft, skin
perineum <u>75.69</u>	breast <u>85.81</u>
periurethral 75.69	ear 18.4
·	
rectum 75.62	eyebrow <u>08.81</u>
sphincter ani 75.62	eyelid <u>08.81</u>
urethra <u>75.61</u>	nose <u>21.81</u>
uterus <u>75.50</u>	penis <u>64.41</u>
vagina <u>75.69</u>	scalp <u>86.59</u>
vulva <u>75.69</u>	replantation 86.51
omentum <u>54.64</u>	scrotum 61.41
ovary <u>65.71</u>	vulva <u>71.71</u>
laparoscopic <u>65.74</u>	specified site NECsee Repair, by site
palate <u>27.61</u>	spermatic cord <u>63.51</u>
cleft <u>27.62</u>	sphincter ani <u>49.71</u>
palpebral fissure <u>08.59</u>	obstetric laceration (current) 75.62
pancreas <u>52.95</u>	old <u>49.79</u>
pelvic floor <u>71.71</u>	spinal meninges <u>03.59</u>
obstetric laceration (current) <u>75.69</u>	spleen <u>41.95</u>
penis <u>64.41</u>	stomach <u>44.61</u>
peptic ulcer (bleeding) (perforated) 44.40	ulcer (bleeding) (perforated) 44.41
pericardium <u>37.49</u>	endoscopic <u>44.43</u>
perineum (female) <u>71.71</u>	subcutaneous tissue (without skin graft)
after delivery <u>75.69</u>	<u>86.59</u>
episiotomy repairsee Episiotomy	with graftsee Graft, skin
male <u>86.59</u>	tendon (direct) (immediate) (primary) <u>83.64</u>
periosteum <u>78.20</u>	delayed (secondary) <u>83.62</u>
carpal, metacarpal <u>78.24</u>	hand NEC <u>82.43</u>
femur <u>78.25</u>	flexors <u>82.42</u>
fibula <u>78.27</u>	hand NEC <u>82.45</u>
humerus <u>78.22</u>	delayed (secondary) <u>82.43</u>
pelvic <u>78.29</u>	flexors <u>82.44</u>
phalanges (foot) (hand) 78.29	delayed (secondary) <u>82.42</u>
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specified site NEC 78.29	rotator cuff 83.63
tarsal, metatarsal 78.28	sheath <u>83.61</u>
tibia 78.27	hand 82.41
ulna 78.23	supraspinatus (rotator cuff repair) 83.63
vertebrae 78.29	to skeletal attachment 83.88
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SutureCont Tenon's capsule 15.7	
testis 62.61	
thymus <u>07.93</u>	
thyroid gland <u>06.93</u>	
tongue <u>25.51</u>	
tonsillar fossa <u>28.7</u>	
trachea <u>31.71</u>	
tunica vaginalis <u>61.41</u>	
.ulcer (bleeding) (perforated) (peptic) 44.40	
duodenum 44.42	
endoscopic 44.43	
gastric 44.41	
endoscopic 44.43	
intestine 46.79	
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stomach <u>44.41</u>	
endoscopic <u>44.43</u>	
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obstetric laceration (current) 75.61	
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old 69.49	
uvula 27.73	
vagina 70.71	
obstetric laceration (current) 75.69	
old 70.79	
vas deferens <u>63.81</u>	
vein <u>39.32</u>	
vulva <u>71.71</u>	
obstetric laceration (current) <u>75.69</u>	
old <u>71.79</u>	
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Swenson operation	
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proctectomy 48.49	
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58.46	
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great arteries, total <u>35.84</u>	
Syme operation	
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and fibula <u>84.14</u>	
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Sympathectomy NEC <u>05.29</u>
cervical <u>05.22</u>
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lumbar <u>05.23</u>
periarterial <u>05.25</u>
presacral <u>05.24</u>
renal <u>05.29</u>
thoracolumbar <u>05.23</u>
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Sympatheticotripsy <u>05.0</u>
Symphysiotomy <u>77.39</u>
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<u>80.40</u>
Syndactylization <u>86.89</u>
Syndesmotomysee also Division, ligament
<u>80.40</u>
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endometrium <u>68.21</u>
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elbow <u>80.72</u>
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hand and finger <u>80.74</u>
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knee <u>80.76</u>
shoulder <u>80.71</u>
specified site NEC <u>80.79</u>
spine <u>80.79</u>
tendon sheath <u>83.42</u>
hand <u>82.33</u>
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lacrimal duct or sac <u>09.43</u>
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dilation <u>09.43</u>
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## Т

Taarnhoj operation (trigeminal nerve root	Take-downCont.
decompression) 04.41	vascular anastomosis or bypass 39.49
Tack operation (sacculotomy) 20.79	ventricular shunt (cerebral) 02.43
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category <u>17.4</u>	Talma-Morison operation (omentopexy) 54.74
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anastomosis	esophageal <u>96.06</u>
arterial <u>39.49</u>	intrauterine (nonobstetric) <u>69.91</u>
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intestine 46.93	vagina <u>96.14</u>
stomach 44.5	after delivery or abortion 75.8
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arterial bypass 39.49	stomach) <u>44.99</u>
arteriovenous shunt 39.43	Тар
with creation of new shunt 39.42	abdomen <u>54.91</u>
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colostomy 46.52	cisternal <u>01.01</u>
duodenostomy 46.51	cranial <u>01.09</u>
enterostomy <u>46.50</u>	joint <u>81.91</u>
esophagostomy <u>42.83</u>	lumbar (diagnostic) (removal of dye) 03.31
gastroduodenostomy 44.5	perilymphatic 20.79
gastrojejunostomy <u>44.5</u>	spinal (diagnostic) 03.31
ileostomy 46.51	subdural (through fontanel) <u>01.09</u>
intestinal stoma <u>46.50</u>	thorax <u>34.91</u>
large <u>46.52</u>	Tarsectomy 08.20
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jejunostomy <u>46.51</u>	Tarsorrhaphy (lateral) <u>08.52</u>
laryngostomy <u>31.62</u> sigmoidostomy 46.52	division or severing 08.02
stoma	Tattooing
bile duct <u>51.79</u>	cornea 11.91
bladder <u>57.82</u>	skin 86.02
bronchus 33.42	Tautening, eyelid for entropion 08.42
common duct 51.72	TAVI (transcatheter aortic valve
esophagus 42.83	implantation) 35.05
gall bladder 51.92	TAVR (transcatheter aortic valve replacement)
hepatic duct 51.79	35.05
intestine 46.50	Telemetry (cardiac) 89.54
large 46.52	Teleradiotherapy
small 46.51	beta particles 92.25
kidney <u>55.82</u>	intra-operative 92.41
larynx 31.62	Betatron 92.24
rectum 48.72	cobalt-60 92.23
stomach 44.62	electrons 92.25
thorax 34.72	intra-operative 92.41
trachea 31.72	iodine-125 92.23
ureter 5 <mark>6.83</mark>	linear accelerator 92.24
urethra <u>58.42</u>	neutrons 92.26
systemic-pulmonary artery anastomosis	particulate radiation NEC <u>92.26</u>
<u>39.49</u>	photons <u>92.24</u>
in total repair of tetralogy of Fallot 35.81	
tracheostomy 31.72	radioactive cesium 92.23

TeleradiotherapyCont.	TenotomyCont.
radioisotopes NEC 92.23	pectoralis minor tendon (decompression
Temperament assessment 94.02	thoracic outlet) 83.13
Temperature gradient study see also	stapedius 19.0
Thermography 88.89	tensor tympani 19.0
Tendinoplasty see Repair, tendon	Tenovaginotomysee Tenotomy
Tendinosuture (immediate) (primary)	Tensing, orbicularis oculi 08.59
see also Suture, tendon 83.64	Termination of pregnancy
handsee also Suture, tendon, hand 82.45	by
Tendolysis <u>83.91</u>	aspiration curettage <u>69.51</u>
hand <u>82.91</u>	dilation and curettage 69.01
Tendoplastysee Repair, tendon	hysterectomysee Hysterectomy
Tenectomy 83.39	hysterotomy 74.91
eye <u>15.13</u>	intra-amniotic injection (saline) 75.0
levator palpebrae 08.33	Test, testing (for)
multiple (two or more tendons) 15.3	14 C-Urea breath <u>89.39</u>
hand 82.29	auditory function NEC 95.46
levator palpebrae 08.33	Bender Visual-Motor Gestalt 94.02
tendon sheath 83.31	Benton Visual Retention 94.02
hand 82.21	cardiac (vascular)
Tenodesis (tendon fixation to skeletal	function NEC 89.59
attachment) 83.88	stress 89.44
Fowler 82.85	bicycle ergometer 89.43
hand 82.85	Masters' two-step 89.42
Tenolysis 83.91	treadmill 89.41
hand 82.91	Denver developmental (screening) 94.02
Tenomyoplastysee also Repair, tendon	fetus, fetal
83.88	nonstress (fetal activity acceleration
handsee also Repair, tendon, hand 82.86	determinations) 75.34
<b>Tenomyotomy</b> see Tenonectomy	oxytocin challenge (contraction stress
Tenonectomy 83.42	75.35
for graft <u>83.41</u>	sensitivity (to oxytocin)omit code
hand 82.32	function
hand <u>82.33</u>	cardiac NEC 89.59
for graft <u>82.32</u>	hearing NEC 95.46
<b>Tenontomyoplasty</b> see Repair, tendon	muscle (by)
Tenontoplastysee Repair, tendon	electromyography 93.08
Tenoplasty see also Repair, tendon 83.88	manual <u>93.04</u>
handsee also Repair, tendon, hand 82.86	neurologic NEC 89.15
Tenorrhaphy see also Suture, tendon 83.64	vestibular <u>95.46</u>
handsee also Suture, tendon, hand 82.45	clinical <u>95.44</u>
to skeletal attachment 83.88	glaucoma NEC <u>95.26</u>
hand <u>82.85</u>	hearing <u>95.47</u>
Tenosuspension 83.88	clinical NEC <u>95.42</u>
hand 82.86	intelligence <u>94.01</u>
Tenosuture see also Suture, tendon 83.64	internal jugular-subclavian venous reflux
handsee also Suture, tendon, hand 82.45	<u>89.62</u>
to skeletal attachment 83.88	intracarotid amobarbital (Wada) <u>89.10</u>
hand 82.85	Masters' two-step stress (cardiac) 89.42
Tenosynovectomy 83.42	muscle function (by)
hand <u>82.33</u>	electromyography <u>93.08</u>
Tenotomy 83.13	manual <u>93.04</u>
Achilles tendon 83.11	neurologic function NEC 89.15
adductor (hip) (subcutaneous) 83.12	neurophysiologic monitoring
eye <u>15.12</u>	intra-operative <u>00.94</u>
levator palpebrae 08.38	nocturnal penile tumescence 89.29
multiple (two or more tendons) 15.4	provocative, for glaucoma 95.26
hand <u>82.11</u>	psychologic NEC <u>94.08</u>
levator palpebrae 08.38	psychometric 94.01



Test, testingCont.	TherapyCont.
radio-cobalt B12 Schilling 92.04	electroconvulsive (ECT) 94.27
range of motion <u>93.05</u>	electroshock (EST) <u>94.27</u>
rotation (Bárány chair) (hearing) <u>95.45</u>	subconvulsive <u>94.26</u>
sleep disorder functionsee categories	electrotonic (ETT) <u>94.27</u>
<u>89.17-89.18</u>	encounter group <u>94.44</u>
Stanford-Binet <u>94.01</u>	extinction <u>94.33</u>
Thallium stress(transesophageal pacing)	family <u>94.42</u>
<u>89.44</u>	fog (inhalation) <u>93.94</u>
tuning fork (hearing) <u>95.42</u>	gamma ray <u>92.23</u>
Urea breath, (14 C) <u>89.39</u>	group NEC <u>94.44</u>
vestibular function NEC <u>95.46</u>	for psychosexual dysfunctions <u>94.41</u>
thermal <u>95.44</u>	hearing NEC <u>95.49</u>
Wada (hemispheric function) <u>89.10</u>	heat NEC <u>93.35</u>
whispered speech (hearing) <u>95.42</u>	for cancer treatment 99.85
<b>TEVAP</b> (transurethral electrovaporization	helium <u>93.98</u>
of prostate) <u>60.29</u>	hot pack(s) <u>93.35</u>
Thalamectomy <u>01.41</u>	hyperbaric oxygen <u>93.95</u>
Thalamotomy <u>01.41</u>	wound <u>93.59</u>
by stereotactic radiosurgery <u>92.32</u>	hyperthermia NEC <u>93.35</u>
cobalt 60 <u>92.32</u>	for cancer treatment 99.85
linear accelerator (LINAC) 92.31	individual, psychiatric NEC 94.39
multi-source 92.32	for psychosexual dysfunction <u>94.34</u>
particle beam 92.33	industrial 93.89
particulate 92.33	infrared irradiation 93.35
radiosurgery NEC <u>92.39</u>	inhalation NEC <u>93.96</u>
single source photon 92.31	nitric oxide 00.12
Thal operation (repair of esophageal	insulin shock <u>94.24</u>
stricture) 42.85	intermittent positive pressure breathing
Theleplasty 85.87	(IPPB) 93.91
Therapy Antabuse 94.25	IPPB (intermittent positive pressure breathing) 93.91
aqueous oxygen (AO) 00.49	leech 99.99
art 93.89	lithium 94.22
aversion 94.33	LITT (laser interstitial thermal therapy) under
behavior 94.33	guidance
Bennett respiratorsee category 96.7	lesion
blind rehabilitation NEC 93.78	brain 17.61
Byrd respiratorsee category 96.7	breast 17.69
carbon dioxide 94.25	head and neck 17.62
cobalt-60 92.23	liver 17.63
conditioning, psychiatric 94.33	lung <u>17.69</u>
continuous positive airway pressure	prostate <u>17.69</u>
(CPAP) 93.90	thyroid 17.62
delivered by	maggot 86.28
endotracheal tubesee category 96.7	manipulative, osteopathicsee also
tracheostomysee category 96.7	Manipulation, osteopathic 93.67
croupette, croup tent 93.94	manual arts <u>93.81</u>
daily living activities 93.83	methadone <u>94.25</u>
for the blind 93.78	mist (inhalation) <u>93.94</u>
dance <u>93.89</u>	music <u>93.84</u>
desensitization 94.33	nebulizer <u>93.94</u>
detoxification 94.25	neuroleptic <u>94.23</u>
diversional <u>93.81</u>	nitric oxide $\frac{00.12}{}$
domestic tasks <u>93.83</u>	occupational <u>93.83</u>
for the blind $93.78$	oxygen <u>93.96</u>
Downstream® system <u>00.49</u>	aqueous <u>00.49</u>
educational (bed-bound children)	catalytic <u>93.96</u>
(handicapped) 93.82	hyperbaric 93.95

Therapy -oxygen <i>Cont.</i>	Therapy - respiratoryCont.
wound <u>93.59</u>	for less than 96 consecutive hours <u>96.71</u>
SuperSaturated <u>00.49</u>	for 96 consecutive hours or more <u>96.72</u>
wound (hyperbaric) 93.59	positive and expiratory pressure [PEEP]
paraffin bath 93.35	invasivesee category <u>96.7</u>
physical NEC <u>93.39</u>	non-invasive <u>93.90</u>
combined (without mention of	root canal <u>23.70</u>
components) 93.38	with
diagnostic NEC 93.09	apicoectomy 23.72
play 93.81	irrigation 23.71
psychotherapeutic <u>94.36</u>	shock
positive and expiratory pressure	chemical 94.24
see category 96.7	electric 94.27
psychiatric NEC 94.39	subconvulsive 94.26
drug NEC <u>94.25</u>	insulin 94.24
lithium 94.22	speech 93.75
radiation 92.29	for correction of defect 93.74
contact (150 KVP or less) 92.21	SuperOxygenation (SSO2) $00.49$
deep (200-300 KVP) 92.22	SuperSaturated oxygen 00.49
electron, intra-operative 92.41	ultrasound
high voltage (200-300 KVP) 92.22	heat therapy 93.35
low voltage (150 KVP or less) 92.21	hyperthermia for cancer treatment 99.85
megavoltage 92.24	physical therapy 93.35
orthovoltage 92.22	therapeuticsee Ultrasound
particle source NEC 92.26	ultraviolet light 99.82
photon <u>92.24</u>	Thermocautery see Cauterization
radioisotope (teleradiotherapy) 92.23	Thermography 88.89
retinal lesion 14.26	blood vessel 88.86
superficial (150 KVP or less) 92.21	bone 88.83
supervoltage 92.24	breast 88.85
radioisotope, radioisotopic NEC 92.29	cerebral <u>88.81</u>
implantation or insertion 92.27	eye 88.82
injection or instillation 92.28	lymph gland <u>88.89</u>
teleradiotherapy 92.23	muscle 88.84
radium (radon) 92.23	ocular <u>88.82</u>
recreational 93.81	osteoarticular <u>88.83</u>
rehabilitation NEC 93.89	specified site NEC 88.89
respiratory NEC 93.99	vein, deep 88.86
bi-level airway pressure [BiPAP] 93.90	Thermokeratoplasty 11.74
delivered by	Thermoplasty Thermoplasty
endotracheal tubesee category 96.7	bronchoscopic, bronchial (lung) 32.27
tracheostomy see category 96.7	Thermosclerectomy 12.62
continuous positive airway pressure	Thermotherapy (hot packs) (paraffin bath)
[CPAP] <u>93.90</u>	NEC 93.35
delivered by	prostate
endotracheal tubesee category <u>96.7</u>	by
tracheostomysee category 96.7	microwave 60.96
endotracheal respiratory assistance	radiofrequency 60.97
see category 96.7	transurethral microwave thermotherapy
intermittent positive pressure breathing	(TUMT) 60.96
[IPPB] 93.91	transurethral needle ablation(TUNA) 60.97
negative pressure (continuous) [CNP]	TUMT (transurethral microwave
93.99	
nitric oxide 00.12	thermotherapy) <u>60.96</u> TUNA(transurethral needle ablation) 60.97
non-invasive positive pressure(NIPPV)	Thiersch operation
93.90	anus 49.79
other continuous invasive (unspecified	anus <u>49.79</u> skin graft 86.69
duration) 96.70	
uuration, <u>30.70</u>	hand 86.62

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Thompson operation	ThymectomyCont
cleft lip repair <u>27.54</u>	thoracoscopic 07.84
correction of lymphedema 40.9	transcervical 07.99
quadricepsplasty 83.86	Thyrochondrotomy 31.3
thumb apposition with bone graft 82.69	Thyrocricoidectomy 30.29
Thoracectomy <u>34.09</u>	<b>Thyrocricotomy</b> (for assistance in breathing)
for lung collapse 33.34	31.1
Thoracentesis 34.91	Thyroidectomy NEC <u>06.39</u>
Thoracocentesis 34.91	by mediastinotomysee also
Thoracolysis (for collapse of lung) 33.39 Thoraconlasty (antorior) (autroplays)	Thyroidectomy, substernal <u>06.50</u>
Thoracoplasty (anterior) (extrapleural)	with laryngectomy see Laryngectomy
(paravertebral) (posterolateral) (complete)	complete or total <u>06.4</u>
partial) <u>33.34</u>	substernal (by mediastinotomy)
Thoracoscopy, transpleural(for exploration)	(transsternal route) <u>06.52</u>
<u>34.21</u>	transoral route (lingual) <u>06.6</u>
Thoracostomy <u>34.09</u>	lingual (complete)(partial)(subtotal)(total)06.6
for lung collapse <u>33.32</u>	partial or subtotal NEC <u>06.39</u>
Thoracotomy (with drainage) 34.09	with complete removal of remaining lobe 06.2
as operative approach <i>omit code</i>	submental route (lingual) <u>06.6</u>
exploratory <u>34.02</u>	substernal (by mediastinotomy)
Thoratec® implantable ventricular assist	(transsternal route) 06.51
device (IVAD™) 37.66	remaining tissue 06.4
Thoratec® ventricular assist device (VAD)	submental route (lingual) <u>06.6</u>
system 37.66	substernal (by mediastinotomy) (transsternal
Three-snip operation, punctum 09.51	route) 06.50
Thrombectomy 38.00	complete or total 06.52
with endarterectomysee Endarterectomy	partial or subtotal 06.51
abdominal	transoral route (lingual) 06.6
	transsternal routesee also
artery <u>38.06</u>	Thyroidectomy, substernal 06.50
vein <u>38.07</u>	
aorta (arch) (ascending)(descending) 38.04	unilateral (with removal of isthmus) (with
arteriovenous shunt or cannula 39.49	removal of portion of other lobe) <u>06.2</u>
bovine graft <u>39.49</u>	Thyroidorrhaphy 06.93
coronary artery <u>36.09</u>	Thyroidotomy (field) (gland) NEC <u>06.09</u>
head and neck vessel NEC 38.02	postoperative <u>06.02</u>
intracranial vessel NEC <u>38.01</u>	Thyrotomy 31.3
lower limb	with tantalum plate 31.69
artery <u>38.08</u>	Tirofiban (HCL), infusion <u>99.20</u>
vein <u>38.09</u>	Toilette
mechanical	skinsee Debridement, skin or
endovascular	subcutaneous tissue
head and neck <u>39.74</u>	tracheostomy <u>96.55</u>
pulmonary vessel 38.05	Token economy (behavior therapy) 94.33
thoracic vessel NEC 38.05	Tomkins operation (metroplasty) 69.49
upper limb (artery) (vein) 38.03	Tomographysee also Radiography
Thromboendarterectomy 38.10	abdomen NEC 88.02
abdominal 38.16	cardiac 87.42
aorta (arch) (ascending)(descending) 38.14	computerized axial NEC 88.38
coronary artery 36.09	abdomen <u>88.01</u>
open chest approach 36.03	bone 88.38
head and neck NEC 38.12	quantitative 88.98
intracranial NEC 38.11	brain 87.03
lower limb 38.18	cardiac 87.41
thoracic NEC 38.15	coronary <u>87.41</u>
upper limb 38.13	head <u>87.03</u>
Thymectomy 07.80	kidney <u>87.71</u>
Partial (open) (other) 07.81	skeletal <u>88.38</u>
thoracoscopic <u>07.83</u>	quantitative 88.98
Total (open) (other) 07.82	thorax 87 41

Tomography -computerized axialCont.	TracheotomyCont.
head NEC <u>87.04</u>	other permanent <u>31.29</u>
kidney NEC <u>87.72</u>	temporary <u>31.1</u>
lung <u>87.42</u>	permanent <u>31.29</u>
optical coherence (intravascular imaging)	Tracing, carotid pulse with ECG lead 89.56
coronary vessel(s) <u>38.24</u>	TRAM (transverse rectus abdominis
non-coronary vessel(s) 38.25	musculocutaneous) flap of breast
thorax NEC 87.42	free 85.73
Tongue tie operation 25.91	pedicled 85.72
Tonography 95.26	Traction
Tonometry 89.11	with reduction of fracture or dislocation
Tonsillectomy 28.2	see Reduction, fracture and Reduction,
with adenoidectomy 28.3	dislocation
Tonsillotomy 28.0	adhesive tape (skin) 93.46
Topectomy 01.32	boot 93.46
Torek (-Bevan) operation (orchidopexy)	Bryant's (skeletal) 93.44
(first stage) (second stage) 62.5	Buck's 93.46
Torkildsen operation (ventriculocisternal	caliper tongs <u>93.41</u>
shunt) <u>02.2</u>	with synchronous insertion of device <u>02.94</u>
<b>Torpin operation</b> (cul-de-sac resection)70.92	Cortel's (spinal) <u>93.42</u>
<b>Toti operation</b> (dacryocystorhinostomy) <u>09.81</u>	Crutchfield tongs <u>93.41</u>
Touchas operation 86.83	with synchronous insertion of device <u>02.94</u>
Touroff operation (ligation of subclavian	Dunlop's (skeletal) <u>93.44</u>
artery) <u>38.85</u>	gallows <u>93.46</u>
Toxicologysee Examination, microscopic	Gardner Wells <u>93.41</u>
<b>TPN</b> (total parenteral nutrition) 99.15	with synchronous insertion of device <u>02.94</u>
Trabeculectomy ab externo 12.64	halo device, skull <u>93.41</u>
Trabeculodialysis 12.59	with synchronous insertion of device <u>02.94</u>
Trabeculotomy ab externo 12.54	Lyman Smith (skeletal) <u>93.44</u>
Trachelectomy <u>67.4</u>	manual, intermittent <u>93.21</u>
Trachelopexy 69.22	mechanical, intermittent 93.21
Tracheloplasty 67.69	Russell's (skeletal) <u>93.44</u>
Trachelorrhaphy (Emmet) (suture) 67.61	skeletal NEC <u>93.44</u>
obstetrical 75.51	intermittent <u>93.43</u>
Trachelotomy 69.95	skin, limbs NEC <u>93.46</u>
obstetrical 73.93	spinal NEC <u>93.42</u>
Tracheocricotomy (for assistance in	with skull device (halo)(caliper)(Crutchfield)
breathing) 31.1	(Gardner Wells) (Vinke) (tongs) 93.41
Tracheofissure 31.1	with synchronous insertion of device
Tracheography 87.32	02.94
Tracheolaryngotomy (emergency) 31.1	Thomas' splint 93.45
permanent opening 31.29	Vinke tongs <u>93.41</u>
Tracheoplasty 31.79	with synchronous insertion of device 02.94
with artificial larynx 31.75	Tractotomy
Tracheorrhaphy 31.71	brain <u>01.32</u>
Tracheoscopy NEC 31.42	medulla oblongata <u>01.32</u>
through tracheotomy (stoma) 31.41	mesencephalon 01.32
	percutaneous 03.21
Tracheostomy (emergency) (temporary) (for	spinal cord (one-stage) (two-stage) <u>03.29</u>
assistance in breathing) <u>31.1</u> mediastinal 31.21	trigeminal (percutaneous) (radiofrequency)
	04.02
percutaneous dilatational	Training (for) (in)
other permanent 31.29	ADL (activities of daily living) 93.83
temporary 31.1	for the blind 93.78
permanent NEC 31.29	
revision <u>31.74</u>	ambulation 93.22
Tracheotomy (emergency) (temporary) (for	braille 93.77
assistance in breathing) 31.1	crutch walking 93.24
percutaneous dilatational	dyslexia <u>93.71</u>
	dysphasia <u>93.72</u>



Training (for) (in) Cont	Transfer, transferenceCont.
esophageal speech(postlaryngectomy) <u>93.73</u>	finger (to thumb) (same hand) <u>82.61</u>
gait <u>93.22</u>	to
joint movements 93.14	finger, except thumb 82.81
lip reading 93.75	opposite hand (with amputation) 82.69
Moon (blind reading) 93.77	[84.01]
orthoptic 95.35	toe (to thumb) (with amputation)
prenatal (natural childbirth) 93.37	82.69 [84.11]
prosthetic or orthotic device usage 93.24	to finger, except thumb 82.81 [84.11]
relaxation 94.33	fat pad NEC <u>86.89</u>
Training (for) (in)Cont.	with skin graftsee Graft, skin, full-thickness
speech NEC 93.75	finger (to replace absent thumb)
esophageal type 93.73	(same hand) 82.61
for correction of defect 93.74	to
use of lead dog for the blind 93.76	finger, except thumb 82.81
vocational <u>93.85</u>	opposite hand (with amputation) <u>82.69</u>
Transactional analysis	[84.01]
group <u>94.44</u>	muscle origin <u>83.77</u>
individual <u>94.39</u>	hand <u>82.58</u>
Transection see also Division	nerve (cranial) (peripheral) (radial anterior)
artery (with ligation)see also Division,	(ulnar) <u>04.6</u>
artery <u>38.80</u>	pedicle graft <u>86.74</u>
renal, aberrant (with reimplantation)	pes anserinus (tendon) (repair of knee) <u>81.47</u>
<u>39.55</u>	tarsoconjunctival flap, from opposing lid
bonesee also Osteotomy <u>77.30</u>	<u>08.64</u>
fallopian tube (bilateral) (remaining)	tendon <u>83.75</u>
(solitary) <u>66.39</u>	hand <u>82.56</u>
by endoscopy <u>66.22</u>	pes anserinus (repair of knee) <u>81.47</u>
unilateral <u>66.92</u>	toe-to-thumb (free) (pedicle) (with
isthmus, thyroid <u>06.91</u>	amputation) <u>82.69</u> [ <u>84.11</u> ]
muscle <u>83.19</u>	Transfixionsee also Fixation
eye <u>15.13</u>	iris (bombé) <u>12.11</u>
multiple (two or more muscles) <u>15.3</u>	Transfusion (of) 99.03
hand <u>82.19</u>	antihemophilic factor 99.06
nerve (cranial) (peripheral) NEC <u>04.03</u>	antivenin <u>99.16</u>
acoustic <u>04.01</u>	autologous blood
root (spinal) <u>03.1</u>	collected prior to surgery 99.02
sympathetic <u>05.0</u>	intraoperative <u>99.00</u>
tracts in spinal cord <u>03.29</u>	perioperative <u>99.00</u>
trigeminal <u>04.02</u>	postoperative <u>99.00</u>
vagus (transabdominal)	previously collected 99.02
see also Vagotomy <u>44.00</u>	salvage <u>99.00</u>
pylorus (with wedge resection) 43.3	blood (whole) NOS <u>99.03</u>
renal vessel, aberrant (with reimplantation)	expander <u>99.08</u>
<u>39.55</u>	surrogate <u>99.09</u>
spinal	bone marrow <u>41.00</u>
cord tracts <u>03.29</u>	allogeneic <u>41.03</u>
nerve root 03.1	with purging 41.02
tendon <u>83.13</u>	allograft 41.03
hand <u>82.11</u>	with purging 41.02
uvula 27.71	autograft 41.01
vas deferens 63.71	with purging 41.09
vein (with ligation) see also Division, vein	autologous 41.01
38.80	with purging 41.09
renal,aberrant(with reimplantation)39.55	coagulation factors 99.06
varicose (lower limb) 38.59	
	Dextran <u>99.08</u>
Transfer, transference	exchange 99.01
bone shaft, fibula into tibia 78.47	

Transfusion (of)Cont.	Transplant, transplantationCont.
exsanguination <u>99.01</u>	finger (replacing absent thumb) (same
gamma globulin <u>99.14</u>	hand) <u>82.61</u>
granulocytes <u>99.09</u>	to
hemodilution 99.03	finger, except thumb <u>82.81</u>
intrauterine 75.2	opposite hand (with amputation)
packed cells 99.04	82.69 [84.01]
plasma 99.07	gracilis muscle (for) <u>83.77</u>
platelets 99.05	anal incontinence $\frac{49.74}{}$
replacement, total 99.01	urethrovesical suspension 59.71
serum NEC 99.07	hair follicles
substitution 99.01	eyebrow 08.63
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