

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 (38.01, 38.02)
endarterectomy (38.11, 38.12)
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 Pharmaceuticals

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: 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)
intravascular imaging of vessel(s) by OCT (38.24-38.25)
magnetic resonance imaging (MRI) (88.91-88.97)
therapeutic ultrasound (00.01-00.09)
- 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)

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: robotic assisted procedures (17.41-17.49)

stereotactic frame application only (93.59)

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 any:

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 any: 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 system [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] 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 generator 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 vessel(s) (39.50)
atherectomy of other non-coronary vessel(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)

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 any:

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 (00.55)
that for other endovascular procedure (39.71-39.79)

00.61 Percutaneous angioplasty of extracranial vessel(s)

Carotid
Vertebral

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 atherectomy of extracranial vessel(s) (17.53)
percutaneous insertion of carotid artery stent(s) (00.63)
percutaneous insertion of other intracranial artery stent(s) (00.64)
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
Intracranial portion of vertebral artery

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 atherectomy of intracranial vessel(s) (17.54)
percutaneous insertion of intracranial stent(s) (00.65)
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 any:

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 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 any:

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 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)

Basilar stent
Includes: the use of any embolic protection device, distal protection device, filter device, or stent delivery system

Code also any:

number of vascular stents inserted (00.45-00.48)
number of vessels treated (00.40-00.43)
percutaneous angioplasty of 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 any:

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

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 Other 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 Other 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
Includes: Cranial nerve, peripheral nerve and spinal cord
testing performed intra-operatively

Intra-operative neurophysiologic testing

IOM

Nerve monitoring

Neuromonitoring

That by:

brainstem auditory evoked potentials [BAEP]

electroencephalogram [EEG]

electromyogram [EMG]

motor evoked potentials [MEP]

nerve conduction study

somatosensory evoked potentials [SSEP]

transcranial Doppler

Excludes: brain temperature monitoring (01.17)

intracranial oxygen monitoring (01.16)

intracranial pressure monitoring (01.10)

plethysmogram (89.58)

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: brain temperature monitoring (01.17)
 - cerebral:
 - arteriography (88.41)
 - thermography (88.81)
 - contrast radiogram of brain (87.01-87.02)
 - echoencephalogram (88.71)
 - electroencephalogram (89.14)
 - intracranial oxygen monitoring (01.16)
 - intracranial pressure monitoring (01.10)
 - 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)
 - radioisotope scan:

cerebral (92.11)
head NEC (92.12)
tomography of head:
C.A.T. scan (87.03)
other (87.04)

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

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) cingulotomy
 - 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
 - Amygdalohippocampectomy
 - Curettage of brain
 - Debridement of brain
 - Marsupialization of brain cyst

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
(17.61)
that by stereotactic radiosurgery (92.30-92.39)

01.6 Excision of lesion of skull
Removal of granulation tissue of cranium

Excludes: biopsy of skull (01.15)
sequestrectomy (01.25)

02	Other operations on skull, brain, and cerebral meninges
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02.0 Cranioplasty

Excludes: 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 Repair of cerebral meninges

Excludes: 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
- 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
 - cisterna 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

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
 - 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 augmentation (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

03.98 Removal of spinal thecal shunt

03.99 Other

04	Operations on cranial and peripheral nerves
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04.0 Incision, division, and excision of cranial and peripheral nerves

Excludes: opticociliary neurectomy (12.79)
sympathetic ganglionectomy (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)
laryngeal 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 ganglionectomy (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 Cranial or peripheral nerve graft
- 04.6 Transposition of cranial and peripheral nerves
Nerve transplantation
- 04.7 Other 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 Injection into peripheral nerve
Excludes: destruction of nerve (by injection of neurolytic agent) (04.2)
 - 04.80 Peripheral nerve injection, not otherwise specified
 - 04.81 Injection of anesthetic into peripheral nerve for analgesia
Excludes: that for operative anesthesia -- omit code
 - 04.89 Injection of other agent, except neurolytic
Excludes: injection of neurolytic agent (04.2)
- 04.9 Other operations on cranial and peripheral nerves
 - 04.91 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)
 - 04.93 Removal of peripheral neurostimulator lead(s)
Code also any removal of neurostimulator pulse generator (86.05)
 - 04.99 Other

05 Operations on sympathetic nerves or ganglia

Excludes: paracervical uterine denervation (69.3)

05.0 Division of sympathetic nerve or ganglion

Excludes: that of nerves to adrenal glands (07.42)

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

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
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 guidance
(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 (39.89)
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 gland (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 gland (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 Other operations on hypophysis
 - 07.71 Exploration of pituitary fossa
 - Excludes: exploration with incision of pituitary gland (07.72)
 - 07.72 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 Thymectomy
 - 07.80 Thymectomy, not otherwise specified
 - 07.81 Other partial excision of thymus
 - Open partial excision of thymus
 - Excludes: biopsy of thymus (07.16)
 - thoroscopic partial excision of thymus (07.83)
 - 07.82 Other total excision of thymus
 - Open total excision of thymus
 - Excludes: thoroscopic total excision of thymus (07.84)
 - 07.83 Thoroscopic partial excision of thymus
 - Excludes: other partial excision of thymus (07.81)
 - 07.84 Thoroscopic total excision of thymus
 - Excludes: other total excision of thymus (07.82)
- 07.9 Other 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: thoroscopic incision of thymus (07.95)
 - 07.93 Repair of thymus
 - 07.94 Transplantation of thymus
 - 07.95 Thoroscopic incision of thymus
 - Excludes: other incision of thymus (07.92)
 - 07.98 Other and unspecified thoroscopic operations on thymus
 - 07.99 Other and unspecified operations on thymus
 - Transcervical thymectomy
 - Excludes: other thoroscopic operations on thymus (07.98)

3. OPERATIONS ON THE EYE (08-16)

08 Operations on eyelids

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 eyelid
- 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
- 08.4 Repair of entropion or ectropion
 - 08.41 Repair of entropion or ectropion by thermocauterization
 - 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 Other 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 Reconstruction of eyelid with flaps or grafts
 - Excludes: 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 Other reconstruction of eyelid
 - Excludes: that associated with repair of entropion and ectropion (08.44)
 - 08.70 Reconstruction of eyelid, not otherwise specified
 - 08.71 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 Other 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
- 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	Operations on lacrimal system
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- 09.0 Incision of lacrimal gland
 - Incision of lacrimal cyst (with drainage)
- 09.1 Diagnostic 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 (87.09)
- 09.2 Excision 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 Other operations on lacrimal gland
- 09.4 Manipulation of lacrimal passage
 - Includes: removal of calculus
 - that with dilation
 - Excludes: contrast dacryocystogram (87.05)
 - 09.41 Probing of lacrimal punctum
 - 09.42 Probing of lacrimal canaliculi
 - 09.43 Probing of nasolacrimal duct
 - 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

- 09.5 Incision of lacrimal sac and passages
 - 09.51 Incision of lacrimal punctum
 - 09.52 Incision of lacrimal canaliculi
 - 09.53 Incision of lacrimal sac
 - 09.59 Other incision of lacrimal passages
 - Incision (and drainage) of nasolacrimal duct NOS
- 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)
 - 10.43 Other reconstruction of conjunctival cul-de-sac
Excludes: revision of enucleation socket (16.64)
 - 10.44 Other free graft to conjunctiva
 - 10.49 Other conjunctivoplasty
Excludes: repair of cornea with conjunctival flap (11.53)
- 10.5 Lysis of adhesions of conjunctiva and eyelid
 Division of symblepharon (with insertion of conformer)
- 10.6 Repair of laceration of conjunctiva
Excludes: that with repair of sclera (12.81)
- 10.9 Other operations on conjunctiva
 - 10.91 Subconjunctival injection
 - 10.99 Other

11	Operations on cornea
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- 11.0 Magnetic removal of embedded foreign body from cornea
Excludes: that with incision (11.1)
- 11.1 Incision of cornea
 Incision of cornea for removal of foreign body
- 11.2 Diagnostic 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 Excision of pterygium
 - 11.31 Transposition of pterygium
 - 11.32 Excision of pterygium with corneal graft
 - 11.39 Other excision of pterygium

- 11.4 Excision or destruction of tissue or other lesion of cornea
 - 11.41 Mechanical removal of corneal epithelium
That by chemocauterization
Excludes: that for smear or culture (11.21)
 - 11.42 Thermocauterization of corneal lesion
 - 11.43 Cryotherapy of corneal lesion
 - 11.49 Other removal or destruction of corneal lesion
Excision of cornea NOS
Excludes: biopsy of cornea (11.22)
- 11.5 Repair of cornea
 - 11.51 Suture of corneal laceration
 - 11.52 Repair of postoperative wound dehiscence of cornea
 - 11.53 Repair of corneal laceration or wound with conjunctival flap
 - 11.59 Other repair of cornea
- 11.6 Corneal transplant
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 00.91-00.93
 - 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
 - 12.55 Cyclodialysis
 - 12.59 Other facilitation of intraocular circulation
- 12.6 Scleral fistulization
 - Excludes: exploratory sclerotomy (12.89)
 - 12.61 Trephination of sclera with iridectomy
 - 12.62 Thermocauterization of sclera with iridectomy
 - 12.63 Iridencleisis and iridotaxis
 - 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 Other procedures for relief of elevated intraocular pressure

12.71 Cyclodiathermy

12.72 Cyclocryotherapy

12.73 Cyclophotocoagulation

12.74 Diminution of ciliary body, not otherwise specified

12.79 Other glaucoma procedures

12.8 Operations on sclera

Excludes: 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 anterior segment, not elsewhere classified

Excludes: postoperative revision of scleral fistulization procedure (12.66)

12.84 Excision or destruction of lesion of sclera

12.85 Repair of scleral staphyloma with graft

12.86 Other repair of scleral staphyloma

12.87 Scleral reinforcement with graft

12.88 Other scleral reinforcement

12.89 Other operations on sclera

Exploratory sclerotomy

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
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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

Eryosphake 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 Other 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 Other cataract extraction

Code 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 Insertion of prosthetic lens [pseudophakos]

Excludes: 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 Removal of implanted lens
Removal of pseudophakos

13.9 Other 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	Operations on retina, choroid, vitreous, and posterior chamber
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14.0 Removal of foreign body from posterior segment of eye

Excludes: 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

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 source

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 unspecified type

14.59 Other

14.6 Removal of surgically implanted material from posterior segment of eye

14.7 Operations 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 Implantation of epiretinal visual prosthesis

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 Other operations on retina, choroid, and posterior chamber

15	Operations on extraocular muscles
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- 15.0 Diagnostic procedures on extraocular muscles or tendons
 - 15.01 Biopsy of extraocular muscle or tendon
 - 15.09 Other diagnostic procedures on extraocular muscles and tendons
- 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
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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 (87.14, 87.16)
- 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:
 - eye 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)

17	Other miscellaneous procedures
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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 inguinal 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.

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)
- 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 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 intracranial vascular stent(s) (00.65)
procedure on vessel bifurcation (00.44)

Excludes: angioplasty of other non-coronary vessel(s) (39.50)
atherectomy of extracranial vessel(s) (17.53)
atherectomy of 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)

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-guided 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 guidance
MRI-guided LITT of lesion or tissue of brain

Excludes: laser interstitial thermal therapy [LITT] of lesion or tissue of head under guidance
(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 guidance
(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 device(s) [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
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19.0 Stapes mobilization

Division, otosclerotic:
material
process

Remobilization of stapes
Stapediolysis
Transcrrural 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
Miringoplasty by:
cauterization
graft
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
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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)
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
 - 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 Eustachian 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)

20.99 Other operations on middle and inner ear
 Attachment of percutaneous abutment (screw) for prosthetic device
 Repair or removal of cochlear prosthetic device (receiver) (electrode)

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)
 rhinomanometry (89.12)
- 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
- 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 flap
 - forehead flap
 - 21.84 Revision rhinoplasty

- Rhinoseptoplasty
 - Twisted nose rhinoplasty
- 21.85 Augmentation rhinoplasty
 - Augmentation rhinoplasty with:
 - graft
 - 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 amputated 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
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- 22.0 Aspiration and lavage of nasal sinus
 - 22.00 Aspiration and lavage 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
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- 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
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- 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-ray:

- 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:
 - arch bars
 - orthodontic obturator
 - orthodontic wiring
 - periodontal splint
 - Excludes: nonorthodontic dental wiring (93.55)
- 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) frenulectomy: 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)
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 ductsExcludes: 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 lesionExcludes: 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
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Includes: operations on:

- lips
- palate
- soft tissue of face and mouth, except tongue and gingiva

Excludes: operations on:
gingiva (24.0-24.99)
tongue (25.01-25.99)

27.0 Drainage of face and floor of mouth
Drainage of:
facial region (abscess)
facial 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
cryotherapy

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)
tongue (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
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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
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Includes: operations on:
hypopharynx
nasopharynx
oropharynx
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

29.19 Other diagnostic procedures on pharynx

Excludes: x-ray of nasopharynx:
contrast (87.06)
other (87.09)

29.2 Excision of branchial cleft cyst or vestige

Excludes: branchial cleft fistulectomy (29.52)

29.3 Excision or destruction of lesion or tissue of pharynx

29.31 Cricopharyngeal myotomy

Excludes: that with pharyngeal diverticulectomy (29.32)

29.32 Pharyngeal diverticulectomy

29.33 Pharyngectomy (partial)

Excludes: laryngopharyngectomy (30.3)

29.39 Other excision or destruction of lesion or tissue of pharynx

29.4 Plastic operation on pharynx

Correction of nasopharyngeal atresia

Excludes: pharyngoplasty associated with cleft palate repair (27.62-27.63)

29.5 Other repair of pharynx

29.51 Suture of laceration of pharynx

29.52 Closure of branchial cleft fistula

29.53 Closure of other fistula of pharynx
Pharyngoesophageal fistulectomy

29.54 Lysis of pharyngeal adhesions

29.59 Other

- 29.9 Other operations on pharynx
 - 29.91 Dilation of pharynx
 - Dilation of nasopharynx
 - 29.92 Division of glossopharyngeal nerve
 - 29.99 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
 - Temporary percutaneous dilatational tracheostomy [PDT]
 - Tracheotomy for assistance in breathing

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 larynx 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 larynx

Laryngotracheal fistulectomy

Take-down of laryngostomy

31.63 Revision of laryngostomy

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)
 - 31.74 Revision of tracheostomy
 - 31.75 Reconstruction of trachea and construction of artificial larynx
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 laryngeal nerve
 - 31.92 Lysis of adhesions of trachea or larynx
 - 31.93 Replacement of laryngeal 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 larynx
 - Division of congenital web of larynx
 - 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 (98.15)
 - 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
- 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 (32.23)
other (32.26)
percutaneous (32.24)
thoracoscopic (32.25)
biopsy of lung (33.26-33.27)
laser interstitial thermal therapy [LITT] of lesion or tissue of lung under guidance
(17.69)
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 lung NOS

Pneumonectomy (with mediastinal dissection)

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)
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 laceration 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: angiocardigraphy (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 diaphragm
(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-ray 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 Pleurectomy

34.51 Decortication of lung

Excludes: thoracoscopic decortication of lung (34.52)

34.52 Thoracoscopic decortication of lung

34.59 Other excision of pleura
Excision of pleural lesion

Excludes: biopsy of pleura (34.24)
pleural fistulectomy (34.73)

34.6 Scarification of pleura
Pleurosclerosis

Excludes: injection of sclerosing agent (34.92)

34.7 Repair 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 Operations 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

Thoracoabdominal fistulectomy
Thoracogastric fistulectomy
Thoracointestinal 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 Other operations on thorax
 - 34.91 Thoracentesis
 - 34.92 Injection into thoracic cavity
 - Chemical pleurodesis
 - Injection of cytotoxic agent or tetracycline
 - 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 aortic 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 aortic 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
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)
 - transapical replacement of heart valve (35.06, 35.08)
 - transcatheter replacement of heart valve (35.05, 35.07)
 - valvular defect associated with atrial and ventricular septal defects (35.54, 35.63, 35.73)
- 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)
- 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
- 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
 - Repair:
 - 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 with valvular 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 [Jatene]
 - 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 venous return 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

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

Code also any

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 any:

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 any:

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 any:

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 angioplasty (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 00.40-00.43 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 Cardiomy and pericardiomy

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

37.10 Incision of heart, not otherwise specified
Cardiolysis NOS

37.11 Cardiomy
Incision of:
atrium
endocardium
myocardium
ventricle

37.12 Pericardiomy
Pericardial window operation
Pericardiolysis
Pericardiomy

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: electrocardiogram (89.52)
His bundle recording (37.29)

37.28 Intracardiac echocardiography
Echocardiography of heart chambers
ICE

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: angiocardiology (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) (ultrasound), 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 or 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: Endovascular approach, minithoracotomy approach, percutaneous approach, subxiphoid
approach, or thoracoscopic approach
Clipping of left atrial appendage
Oversewing of left atrial appendage
Stapling of left atrial appendage
That by fastener or suture
- Code also any:
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
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)
- Excludes: ablation, excision or destruction of lesion or tissue of heart:
endovascular approach (37.34)
open approach (37.33)
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 any:
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

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.

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

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)
implant of external heart assist system (37.65)
insertion of implantable extracorporeal heart assist system (37.66)
insertion of percutaneous external heart assist device (37.68)
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)

37.64 Removal of external 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: 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) that with replacement of implant (37.63)

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.

Note: 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 implantable heart assist system (37.66)
insertion of percutaneous external heart assist device (37.68)
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.

Note: 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 Insertion, revision, replacement, and removal of leads; insertion of temporary pacemaker system; or revision of cardiac device pocket

Code also any insertion and replacement of pacemaker device (37.80-37.87)

Excludes: 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)
replacement of atrial and/or ventricular lead(s) (37.76)

37.74 Insertion or replacement of epicardial lead [electrode] into 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 system -- omit 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)

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 cardiac device 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 pressure 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 system -- omit code
 - replacement of existing pacemaker device (37.85-37.87)
 - replacement of existing pacemaker device with CRT-P pacemaker device (00.53)
- 37.9 Other 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 Injection of therapeutic substance into heart
 - 37.93 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 procedure - omit code
 - Code also extracorporeal circulation, if performed (39.61)
 - Code also any concomitant procedure [e.g., coronary bypass (36.10-36.19) 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 procedure - omit 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
 - Note: Device testing during procedure - omit code
 - 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
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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
 - Axillary
 - Brachial
 - Radial
 - Ulnar
 - 4 aorta
 - 5 other thoracic vessels
 - Innominate
 - Pulmonary (artery) (vein)
 - Subclavian
 - Vena cava, superior
 - 6 abdominal arteries
 - Celiac
 - Gastric
 - Hepatic
 - Iliac
 - Mesenteric
 - Renal
 - Splenic
 - Umbilical
- Excludes: abdominal aorta (4)
- 7 abdominal veins
 - Iliac
 - Portal
 - Renal
 - Splenic

- Vena cava (inferior)
- 8 lower limb arteries
 - Femoral (common) (superficial)
 - Popliteal
 - Tibial
- 9 lower limb veins
 - Femoral
 - Popliteal
 - Saphenous
 - Tibial
- 38.0 Incision of vessel
[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
[0-6,8]
 - Endarterectomy with:
 - 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 angiography
 - Excludes: angiography of eye (95.12)
 - 38.23 Intravascular spectroscopy
 - Includes: spectroscopy of both coronary and peripheral vessels
 - 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) (89.60-89.69)
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
[0-9]

Angiectomy
Excision of:
aneurysm (arteriovenous) with anastomosis
blood vessel (lesion) with anastomosis

38.4 Resection of vessel with replacement
[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)
 - Jugular 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, superiorCode also any abdominal aorta involvement (thoracoabdominal procedure) (38.44)
- 6 abdominal arteries
 - Celiac
 - Gastric
 - Hepatic
 - Iliac
 - Mesenteric
 - Renal
 - Splenic
 - UmbilicalExcludes: abdominal aorta (4)
- 7 abdominal veins
 - Iliac
 - Portal
 - Renal
 - Splenic
 - Vena cava (inferior)
- 8 lower limb arteries
 - Femoral (common) (superficial)
 - Popliteal
 - Tibial
- 9 lower limb veins
 - Femoral
 - Popliteal
 - Saphenous
 - Tibial

38.5 Ligation and stripping of varicose veins
[0-3,5,7,9]

Excludes: ligation of varices:
esophageal (42.91)
gastric (44.91)

38.6 Other excision of vessel
[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)
graft 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

[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)
that for chemoembolization (99.25)
that for control of (postoperative) hemorrhage:
 anus (49.95)
 bladder (57.93)
 following vascular procedure (39.41)
 nose (21.00-21.09)
 prostate (60.94)
 tonsil (28.7)
 thyroid vessel (06.92)
transcatheter (infusion) 99.29

38.9 Puncture of vessel

Excludes: that for circulatory monitoring (89.60-89.69)

38.91 Arterial catheterization

38.92 Umbilical vein catheterization

38.93 Venous catheterization, not elsewhere classified

Excludes: that for cardiac catheterization (37.21-37.23)
that for renal dialysis (38.95)
that with guidance (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
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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 drug-eluting peripheral vessel stent (00.55)

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

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:

graft 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)

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:
graft (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)
Embolization
Endoluminal repair
Implantation
Occlusion
Removal
Repair
Excludes: angioplasty of other non-coronary vessel(s) (39.50)
atherectomy of other non-coronary vessel(s) (17.56)
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: embolization of head or neck vessels using bare coils (39.75)
embolization of head or neck vessels using bioactive coils (39.76)
mechanical thrombectomy of pre-cerebral and cerebral vessels (39.74)
- 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

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

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

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 vessels(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 bioactive coils
Coils containing polyglycolic acid [PGA]
That for treatment of aneurysm, arteriovenous malformation [AVM] or fistula

39.77 Temporary (partial) therapeutic endovascular occlusion of vessel
Includes that of aorta
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
Endograft(s)
Endovascular graft(s)
Liquid tissue adhesive (glue) embolization or occlusion
Other coil 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 implantation of graft in thoracic aorta (39.73)
- 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 glomus 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 generator 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 pulse 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

- 39.90 Insertion of non-drug-eluting peripheral (non-coronary) vessel 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 any:

- 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:
 - 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 inguinal 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)

41 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)

42 Operations on esophagus

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

43.0 Gastrotomy

Excludes: gastrotomy (43.11-43.19)
that for control of hemorrhage (44.49)

43.1 Gastrotomy

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
Gastropylorotomy

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
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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)

44.14 Closed [endoscopic] biopsy of stomach
Brushing or washing for specimen collection

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

44.15 Open biopsy of stomach

44.19 Other diagnostic procedures on 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
PEGJJ

Excludes: percutaneous (endoscopic) feeding jejunostomy (46.32)

44.38 Laparoscopic gastroenterostomy
Bypass: gastroduodenostomy
gastroenterostomy
gastrogastrostomy
Laparoscopic gastrojejunostomy without gastrectomy NEC

Excludes: gastroenterostomy, 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

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 gastric 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
- 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 any:

- 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)
- gastric:
 - cooling (96.31)
 - freezing (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-)gastric 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)
- 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
- 45.27 Intestinal biopsy, site unspecified
- 45.28 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 (17.31, 45.71)
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)

enterolectomy (17.39, 45.79)

gastroduodenectomy (43.6-43.99)

ileolectomy (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

Ileectomy

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
Ileocectomy
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 [PEJ]
Endoscopic conversion of gastrostomy to jejunostomy
Percutaneous (endoscopic) feeding enterostomy
- Excludes: percutaneous [endoscopic] gastrojejunostomy (bypass) (44.32)
- 46.39 Other

Duodenostomy
Feeding enterostomy

46.4 Revision of intestinal stoma

46.40 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 pericostomy hernia

46.43 Other revision of stoma of large intestine

Excludes: excision of redundant mucosa (45.41)

46.5 Closure of intestinal stoma

Code 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 Fixation 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
Ileopexy

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
Cecofixation
Colofixation

46.7 Other repair of intestine

Excludes: closure of:

ulcer of duodenum (44.42)
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)
 - vaginal fistula (70.74)
 - repair of gastrojejunal 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 guidance (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
 - Through the scope [TTS] technique
 - Excludes: other non-endoscopic insertion of colonic stent (46.87)
 - 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
ileoentectomy

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 tissue
 - 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 (48.51)
 - 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)
- 48.79 Other repair of rectum
 - Repair of old obstetric laceration of rectum

Excludes: anastomosis to:
 - large intestine (45.94)
 - small intestine (45.92-45.93)repair of:
 - current obstetric 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)

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)
removal of intraluminal foreign body without incision (98.05)

49.94 Reduction of anal prolapse

Excludes: manual reduction of rectal prolapse (96.26)

49.95 Control of (postoperative) hemorrhage of anus

49.99 Other

50	Operations on liver
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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: laparoscopic liver biopsy (50.14)
liver scan and radioisotope function study (92.02)
microscopic examination of specimen from liver (91.01-91.09)
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
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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
- 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 tub (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)

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
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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 sphincter (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 51.10-51.11, 52.13

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 Other operations on pancreas

- 52.92 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 classifiable to 51.10-51.11, 52.13
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
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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 inguinal hernia

Excludes: laparoscopic unilateral repair of inguinal hernia (17.11-17.13)

53.00 Unilateral repair of inguinal hernia, not otherwise specified
Inguinal herniorrhaphy NOS

53.01 Other and open repair of direct inguinal hernia

Direct and indirect inguinal hernia

- 53.02 Other and open repair of indirect inguinal hernia
- 53.03 Other and open repair of direct inguinal hernia with graft or prosthesis
- 53.04 Other and open repair of indirect inguinal hernia with graft or prosthesis
- 53.05 Repair of inguinal hernia with graft or prosthesis, not otherwise specified
- 53.1 Other bilateral repair of inguinal hernia
 - Excludes: laparoscopic bilateral repair of inguinal hernia (17.21-17.24)
 - 53.10 Bilateral repair of inguinal hernia, not otherwise specified
 - 53.11 Other and open bilateral repair of direct inguinal hernia
 - 53.12 Other and open bilateral repair of indirect inguinal hernia
 - 53.13 Other and open bilateral repair of inguinal 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 inguinal 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 anterior abdominal wall with graft or prosthesis
- 53.61 Other open incisional hernia repair with graft or prosthesis
Excludes: laparoscopic incisional hernia repair with graft or prosthesis (53.62)
- 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 (53.63)
- 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
- 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 (53.80)
- 53.9 Other hernia repair
Repair of hernia:
ischiatric
ischiorectal
lumbar
obturator
omental
retroperitoneal
sciatic
- Excludes: relief of strangulated hernia with exteriorization of intestine (46.01, 46.03)
repair of pericostomy hernia (46.42)
repair of vaginal enterocele (70.92)

54	Other operations on abdominal region
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Includes: operations on:

- epigastric region
- flank
- groin region
- hypochondrium
- inguinal region
- loin region
- pelvic cavity
- mesentery
- 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 abdominal wall (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:
 - mesentery
 - 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)
 - angiocardiology 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 (91.11-91.19)
 - 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 umbilicus
 - 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 Pyelotomy
 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

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)

55.4 Partial nephrectomy

- Calycectomy
- 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

55.54 Bilateral nephrectomy

Excludes: complete nephrectomy NOS (55.51)

55.6 Transplant of kidney

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

55.61 Renal autotransplantation

55.69 Other kidney transplantation

55.7 Nephropexy

Fixation 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 NO (56.73)

55.87 Correction of ureteropelvic junction

55.89 Other

55.9 Other operations on kidney

Excludes: lysis of perirenal adhesions (59.02)

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
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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
 - Ileoureterostomy (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: lysis 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 synchronou 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)

57 Operations on urinary bladder

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 tub (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 cystostomy (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: cystogram 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
 - Vagino-vesical 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 o 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 bod from urethra without incision (98.19)
urethral stent (97.65)

59	Other operations on urinary tract
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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
 - Pereyra 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)

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 (91.31-91.39)
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 prostate (TEVAP)
Transurethral enucleative procedure
Transurethral prostatectomy NOS
Transurethral resection of prostate (TURP)

60.3 Suprapubic prostatectomy
Transvesical prostatectomy

Excludes: local excision of lesion of prostate (60.61)
radical prostatectomy (60.5)

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: cystoprostatectomy (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 vesicl (60.13)
 - 60.72 Incision of seminal vesicle
 - 60.73 Excision of seminal vesicle
 - Excision of Müllerian duct cyst
 - 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)
 - 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
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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
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- 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
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- 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 vasogram (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
Spermatoclectomy
- 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
 - 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 prosthesis (64.95)
plastic repair, penis (64.43-64.49)
 - 64.98 Other operations on penis
Corpora cavernosa-corpora spongiosum shunt
Corpora-saphenous shunt
Irrigation of corpora 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 for 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 cyst
 - 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
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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

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
excision

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
gas
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
 - 66.94 Removal of prosthesis of fallopian tube
 - 66.95 Insufflation of therapeutic agent into fallopian tubes
 - 66.96 Dilation of fallopian tube
 - 66.97 Burying of fimbriae in uterine wall
 - 66.99 Other
- Excludes: lysis of adhesions of ovary and tube
 laparoscopic (65.81)
 other (65.89)

67	Operations on cervix
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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

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

68	Other incision and excision of uterus
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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)
- 68.19 Other diagnostic procedures on uterus and supporting structures
 - Excludes: diagnostic:
 - aspiration curettage (69.59)
 - dilation and curettage (69.09)
 - microscopic examination of specimen from uterus (91.41-91.49)
 - pelvic examination (89.26)
 - 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
 - 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 infra fascial SEMM hysterectomy [CISH]
 - Laparoscopically assisted supracervical hysterectomy [LASH]
 - 68.39 Other and unspecified subtotal abdominal hysterectomy
 - Supracervical hysterectomy

Excludes: classic infra fascial SEMM hysterectomy [CISH] (68.31)

laparoscopic supracervical hysterectomy [LSH] (68.31)

68.4 Total abdominal hysterectomy

Code also any synchronous removal of tubes and ovaries (65.31-65.64)

Excludes: radical abdominal hysterectomy, any approach (68.61-68.69)

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

Excludes: abdominal hysterectomy, any approach (68.31-68.39, 68.41-68.49, 68.61-68.69)
vaginal hysterectomy, any approach (68.51-68.59, 68.71-68.79)

69	Other operations on uterus and supporting structures
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Code also any application or administration of an adhesion barrier substance (99.77)

69.0 Dilation and curettage of uterus

Excludes: aspiration curettage of uterus (69.51-69.59)

69.01 Dilation and curettage for termination of pregnancy

69.02 Dilation and curettage following delivery or abortion

69.09 Other dilation and curettage
Diagnostic D and C

69.1 Excision or destruction of lesion or tissue of uterus and supporting structures

69.19 Other excision or destruction of uterus and supporting structures

Excludes: biopsy of uterine ligamen (68.14)

69.2 Repair of uterine supporting structures

69.21 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

69.29 Other repair of uterus and supporting structures

69.3 Paracervical uterine denervation

69.4 Uterine repair

Excludes: 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 Aspiration curettage of uterus

Excludes: menstrual extraction (69.6)

- 69.51 Aspiration curettage of uterus for termination of pregnancy
Therapeutic abortion NOS
- 69.52 Aspiration curettage following delivery or abortion
- 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
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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: repair of cystocele and rectocele with graft or prosthesis (70.53)
 - repair of rectocele with graft or prosthesis (70.55)
 - STARR procedure (48.74)
 - 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)
urethrovaginal (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:
 - diaphragm (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)

71	Operations on vulva and perineum
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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 NOSExcludes: 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 (cyst)
 - 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)
 - vaginoperineal (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
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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
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- 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 SpO₂ 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

Code also episiotomy, if performed (73.6)

- 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:
 - pelvic floor
 - perineum
 - vagina
 - vulva
 - Secondary repair of episiotomy
- 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 joints

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
- 76.6 Other facial bone repair and orthognathic surgery
 - Code also any synchronous:
 - bone graft (76.91)
 - synthetic implant (76.92)
 - Excludes: reconstruction of facial bones (76.41-76.46)
 - 76.61 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
 - 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 Reduction of facial fracture
Includes: internal fixation
Code also any synchronous:
bone graft (76.91)
synthetic implant (76.92)
Excludes: that of nasal bones (21.71-21.72)
 - 76.70 Reduction of facial fracture, not otherwise specified
 - 76.71 Closed reduction of malar and zygomatic fracture
 - 76.72 Open reduction of malar and zygomatic fracture
 - 76.73 Closed reduction of maxillary fracture
 - 76.74 Open reduction of maxillary fracture
 - 76.75 Closed reduction of mandibular fracture
 - 76.76 Open reduction of mandibular fracture
 - 76.77 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
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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
[0-9]

77.1 Other incision of bone without division
[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
[0-9]

Excludes: that for hallux valgus (77.51)

77.3 Other division of bone
[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
[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
[0-9]

Excludes: biopsy of bone (77.40-77.49)
debridement of compound fracture (79.60-79.69)

77.7 Excision of bone for graft
[0-9]

77.8 Other partial ostectomy
[0-9]

Condylectomy

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
[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
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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.

- 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

78.0 Bone graft
[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
[0-9]

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
[0,2-5,7-9]

Epiphyseal stapling

Open epiphysiodesis
Percutaneous epiphysiodesis
Resection/osteotomy

78.3 Limb lengthening procedures
[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
[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 graft (78.00-78.09)

78.5 Internal fixation of bone without fracture reduction
[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)
insertion of sternal fixation device with rigid plates (84.94)
limb shortening procedures (78.20-78.29)
that for fracture reduction (79.10-79.19, 79.30-79.59)

78.6 Removal of implanted devices from bone
[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 posterior spinal motion preservation (facet replacement, pedicle-based dynamic stabilization, interspinous process) device(s) (80.09)
removal of skull tongs or halo traction device (02.95)

78.7 Osteoclasia
[0-9]

78.8 Diagnostic procedures on bone, not elsewhere classified
[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
[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
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Includes: application of cast or splint reduction with insertion of traction device (Kirschner wire)
(Steinmann pin)

Code also any:

application of external fixator 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 categories in section 79 to identify the site. Valid fourth-digit categories are in [brackets] 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

79.0 Closed reduction of fracture without internal fixation
[0-9]

Excludes: that for separation of epiphysis (79.40-79.49)

79.1 Closed reduction of fracture with internal fixation
[0-9]

Excludes: that for separation of epiphysis (79.40-79.49)

79.2 Open reduction of fracture without internal fixation
[0-9]

Excludes: that for separation of epiphysis (79.50-79.59)

79.3 Open reduction of fracture with internal fixation
[0-9]

Excludes: that for separation of epiphysis (79.50-79.59)

79.4 Closed reduction of separated epiphysis
[0-2,5,6,9]
Reduction with or without internal fixation

79.5 Open reduction of separated epiphysis
[0-2,5,6,9]
Reduction with or without internal fixation

79.6 Debridement of open fracture site
[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
[0-9]

80 Incision and excision of joint structures
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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:

- 0 unspecified site
 - 1 shoulder
 - 2 elbow
 - 3 wrist
 - 4 hand and finger
 - 5 hip
 - 6 knee
 - 7 ankle
 - 8 foot and toe
 - 9 other specified sites
- Spine

80.0 Arthrotomy for removal of prosthesis without replacement
[0-9]

Includes removal of posterior spinal motion preservation (dynamic stabilization, facet replacement, interspinous process) device(s)

Code also any:
 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
[0-9]

Arthroscopy

Excludes: that for:
 arthrography (88.32)
 arthroscopy (80.20-80.29)

- injection of drug (81.92)
 - operative approach -- omit code
- 80.2 Arthroscopy
[0-9]
- 80.3 Biopsy of joint structure
[0-9]
 - Aspiration biopsy
- 80.4 Division of joint capsule, ligament, or cartilage
[0-9]
 - Goldner clubfoot release
 - Heyman-Herndon(-Strong) correction of metatarsus varus
 - Release of:
 - adherent or constrictive joint capsule
 - joint
 - ligament
- Excludes: symphysiotomy to assist delivery (73.94)
 - that for:
 - 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)
 - repair of the anulus fibrosus (80.53-80.54)
- Excludes: that for insertion of (non-fusion) spinal disc replacement device (84.60-84.69)
 - that with corpectomy, (vertebral) (80.99)
 - intervertebral chemonucleolysis (80.52)
 - 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 any:

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 any:

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

[0-9]

Complete or partial resection of synovial membrane

Excludes: excision of Baker's cyst (83.39)

80.8 Other local excision or destruction of lesion of joint

[0-9]

80.9 Other excision of joint

[0-9]

Excludes: cheilectomy of joint (77.80-77.89)
 excision of bone ends (77.80-77.89)

81	Repair and plastic operations on joint structures
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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)
 any insertion of recombinant bone morphogenetic protein (84.52)

any synchronous excision of (locally) harvested bone for graft (77.70-77.79)
the total number of vertebrae fused (81.62-81.64)

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
 - Arthrodesis of thoracic or thoracolumbar region, posterolateral 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
 - Axial lumbar interbody fusion [AxiaLIF]
 - Posterior lumbar interbody fusion (PLIF)
 - Transforaminal lumbar interbody fusion (TLIF)
 - 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)
any insertion of recombinant bone morphogenetic protein (84.52)

any synchronous excision of (locally) harvested bone for graft (77.70-77.79)
the total number of vertebrae fused (81.62-81.64)

- 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 column, anterior technique
 - Arthrodesis of C2 level or below:
 - anterior interbody fusion
 - anterolateral technique
 - 81.33 Refusion of other cervical spine, posterior column, posterior technique
 - Arthrodesis of C2 level or below, posterolateral technique
 - 81.34 Refusion of dorsal and dorsolumbar spine, anterior column, anterior technique
 - 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
 - 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]
 - 81.37 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 fusion
 - Axial lumbar interbody fusion [AxialIF]
 - 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 component(s) replaced, (acetabular, femoral or both)

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, components specified (00.70-00.73)

- 81.54 Total knee replacement
Bicompartmental
Partial knee replacement
Tricompartmental
Unicompartmental (hemijoint)

- 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: 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 the injection of bone void filler (cement) (polymethylmethacrylate) (PMMA) or other substance

Arcoplasty

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 (81.97)
- 81.9 Other operations on joint structures
 - 81.91 Arthrocentesis
 - Joint aspiration
 - Excludes: that for:
 - arthrography (88.32)
 - biopsy of joint structure 80.30-80.39)
 - 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 with 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 with arthroplasty (81.56-81.59)
 - 81.95 Suture of capsule or ligament of other lower extremity
 - Excludes: that associated with 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
 - Revision of arthroplasty of shoulder

Total

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
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Includes: operations on:
aponeurosis
synovial membrane (tendon sheath)
tendon sheath

82.0 Incision of muscle, tendon, fascia, and bursa of hand

82.01 Exploration of tendon sheath of hand
Incision of tendon sheath of hand
Removal of rice bodies in tendon sheath of hand

Excludes: division of tendon (82.11)

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 and subcutaneous tissue alone (86.01-86.09)

82.1 Division 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 Excision 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 Other excision of soft tissue of hand

Code also any skin graft (86.61-86.62, 86.73)

Excludes: excision of skin and subcutaneous tissue (86.21-86.3)

82.31 Bursectomy of hand

82.32 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 Suture of muscle, tendon, and fascia of hand

82.41 Suture of tendon sheath of hand

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 thumb (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
 - Tendon fixation of hand NOS
 - 82.86 Other tenoplasty of hand
 - Myotenoplasty of hand
 - 82.89 Other plastic operations on hand
 - Plication of fascia
 - Repair of fascial hernia - Excludes: that with graft or implant (82.71-82.79)
- 82.9 Other operations on muscle, tendon, and fascia of hand
 - Excludes: diagnostic procedures on soft tissue of hand (83.21-83.29)
 - 82.91 Lysis of adhesions of hand
 - Freeing of adhesions of fascia, muscle, and tendon of hand
 - Excludes: decompression of carpal tunnel (04.43)
 - that by stretching or 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, except hand
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Includes: operations on:

- aponeurosis
- synovial membrane of bursa and tendon sheaths
- tendon sheaths

Excludes: diaphragm (34.81-34.89)
hand (82.01-82.99)
muscles of eye (15.01-15.9)

83.0 Incision 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)

83.09 Other incision of soft tissue
Incision of fascia

Excludes: incision of skin and subcutaneous tissue alone (86.01-86.09)

83.1 Division of muscle, tendon, and fascia

83.11 Achillotomomy

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
 - myositis ossificans
 - 83.39 Excision of lesion of other soft tissue
 - Excision of Baker's cyst
 - Excludes: bursectomy (83.5)
 - excision of lesion of skin and subcutaneous tissue (86.3)
 - synovectomy (80.70-80.79)
- 83.4 Other 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 Bursectomy

83.6 Suture of muscle, tendon, and fascia

83.61 Suture of tendon sheath

83.62 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 Reconstruction of muscle and tendon

Excludes: 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

83.75 Tendon transfer or transplantation

83.76 Other tendon transposition

83.77 Muscle transfer or transplantation
Release of Volkmann's contracture by muscle transplantation

83.79 Other muscle transposition

83.8 Other plastic operations on muscle, tendon, and fascia

Excludes: plastic operations on muscle, tendon, and fascia associated with arthroplasty

83.81 Tendon graft

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 achillotomy
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

Excludes: 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

83.97 Injection of therapeutic substance into tendon

83.98 Injection of locally-acting therapeutic substance into other soft tissue

Excludes: subcutaneous or intramuscular injection (99.11-99.29)

83.99 Other operations on muscle, tendon, fascia, and bursa
Suture of 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 finge (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
Forequarter amputation
- 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 Implantation of other musculoskeletal devices and substances
- Excludes: 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 fusion-omit 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: discectomy (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)

84.65 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, cervical
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

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 implan (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 implan (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 mamectomy (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
 - 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 Mastopexy
- 85.7 Total reconstruction of breast
 - 85.70 Total reconstruction of breast, not otherwise specified
 - Perforator flap, free
 - 85.71 Latissimus dorsi myocutaneous 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)
gluteal artery perforator flap, free (85.76)
lastissimus 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)
- 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
- nails
- 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)
- ear (18.01-18.9)
- eyebrow (08.01-08.99)
- eyelid (08.01-08.99)
- female perineum (71.01-71.9)
- 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

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 carotid sinus baroreflex activation device
- 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

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 for drainage (86.04)
that of:
 cardiac pacemaker pocket, new site (37.79)
 fascial compartments of face and mouth (27.0)

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 cyst or sinus (86.03)

86.22 Excisional debridement of wound, infection, or burn
Removal by excision of:
 devitalized tissue
 necrosis
 slough

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:
 - brushing
 - 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)
 - biopsy 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:
amniotic 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 digita 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 digita 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 eyelid (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 lesio (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 to breast NOS
Fat graft to breast 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)

86.9 Other operations on skin and subcutaneous tissue

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)

86.91 Excision of skin for graft

Excision of skin with closure of donor site

Excludes: that with graft at sam 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)

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

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 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 (97.38)
 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 laryngogram
- 87.08 Cervical lymphangiogram
- 87.09 Other soft tissue x-ray of face, head, and neck
 Noncontrast x-ray of:
 adenoid
 larynx
 nasolacrimal duct
 nasopharynx
 salivary gland
 thyroid region

uvula

Excludes: x-ray study of eye (95.14)

87.1 Other x-ray of face, head, and neck

Excludes: angiography (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: angiocardiology (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: angiocardiology (88.50-88.58)
angiography (88.40-88.68)
- 87.41 Computerized axial tomography of thorax
C.A.T. scan of:
heart
thorax
Crystal line scan of x-ray beam of thorax
Electronic subtraction 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
Examination for:
cervical rib
fracture
- 87.44 Routine chest x-ray, so described
X-ray of chest NOS
- 87.49 Other chest x-ray
X-ray of:
bronchus NOS
diaphragm NOS
heart NOS
lung 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
 - 87.79 Other x-ray of the urinary system
KUB x-ray
- 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 hysteroqram
 - 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
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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 pelvi 88.21-88.29
 - face, head, and neck (87.11-87.17)
 - spine (87.21-87.29)
 - 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
 - C.A.T. 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
- 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: angiocardiology (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
 - cineangiocardiology
 - selective angiocardiology
 - 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: intra-operative fluorescence vascular angiography (88.59)
 - that combined with left heart angiocardiology (88.54)
 - 88.53 Angiocardiography of left heart structures
 - Angiocardiography of:
 - aortic valve
 - left atrium
 - left ventricle (outflow tract)
 - Excludes: intra-operative fluorescence vascular angiography (88.59)
 - that combined with right heart angiocardiology (88.54)
 - 88.54 Combined right and left heart angiocardiology

Excludes: intra-operative fluorescence vascular angiography (88.59)

88.55 Coronary arteriography using a single catheter
Coronary arteriography by Sones technique
Direct selective coronary arteriography
using a single catheter

Excludes: intra-operative fluorescence vascular angiography (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 Phlebography

Includes: 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)
 - laser interstitial thermal therapy [LITT] of lesion or tissue of brain under guidance (17.61)
 - real-time magnetic resonance imaging (88.96)
 - 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 guidance (17.69)
 - laser interstitial thermal therapy [LITT] of lesion or tissue of lung under guidance (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)
 - 88.95 Magnetic resonance imaging of pelvis, prostate, and bladder
 - Excludes: laser interstitial thermal therapy [LITT] of lesion or tissue of prostate under guidance (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
 - Eye 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
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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 monitoring

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)
 - noninvasive 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)
 - noninvasive 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) (00.58)
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 (00.59)

89.7 General physical examination

89.8 Autopsy

90	Microscopic examination-I
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The following fourth-digit subclassification is for use with categories in section 90 to identify type of examination:

- 1 bacterial smear
- 2 culture
- 3 culture and sensitivity
- 4 parasitology
- 5 toxicology
- 6 cell block and Papanicolaou smear
- 9 other microscopic examination

90.0 Microscopic examination of specimen from nervous system and of spinal fluid

90.1 Microscopic examination of specimen from endocrine gland, not elsewhere classified

90.2 Microscopic examination of specimen from eye

90.3 Microscopic examination of specimen from ear, nose, throat, and larynx

90.4 Microscopic examination of specimen from trachea, bronchus, pleura, lung, and other thoracic specimen, and of sputum

90.5 Microscopic examination of blood

90.6 Microscopic examination of specimen from spleen and of bone marrow

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

90.9 Microscopic examination of specimen from lower gastrointestinal tract and of stool

91	Microscopic examination-II
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The following fourth-digit subclassification is for use with categories in section 91 to identify type of examination

- 1 bacterial smear
- 2 culture
- 3 culture and sensitivity
- 4 parasitology
- 5 toxicology
- 6 cell block and Papanicolaou smear
- 9 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
 - Microscopic examination of:
 - bone
 - bursa
 - cartilage
 - fascia
 - ligament
 - muscle
 - synovial membrane
 - tendon
 - 91.6 Microscopic examination of specimen from skin and other integument
 - 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
 - 91.8 Microscopic examination of specimen from other site
 - 91.9 Microscopic examination of specimen from unspecified site

92	Nuclear medicine
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- 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 study
 - 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: eye (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
- 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:
 - Betatron
 - 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
Yttrium-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)

Excludes: stereotactic biopsy

92.30 Stereotactic radiosurgery, not otherwise specified

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 accelerator

92.39 Stereotactic radiosurgery, not elsewhere classified

92.4 Intra-operative radiation procedures

92.41 Intra-operative electron radiation therapy
IOERT
That using a mobile linear accelerator

93	Physical therapy, respiratory therapy, rehabilitation, and related procedures
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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 for intraoperative monitoring (00.94)
 - that with polysomnogram (89.17)
 - 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 of temporomandibular joint (76.95)
 - 93.17 Other passive musculoskeletal exercise
 - 93.18 Breathing exercise
 - 93.19 Exercise, not elsewhere classified
- 93.2 Other physical therapy musculoskeletal manipulation
 - 93.21 Manual and mechanical traction
 - Excludes: skeletal traction (93.43-93.44)
 - skin traction (93.45-93.46)
 - spinal traction (93.41-93.42)
 - 93.22 Ambulation and gait training
 - 93.23 Fitting of orthotic device
 - 93.24 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 Other 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 Combined physical therapy without mention of the components
 - 93.39 Other physical therapy
- 93.4 Skeletal 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)
 - 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 jacket
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

93.59 Other immobilization, pressure, and attention to wound

Elastic stockings
Electronic gaiter
Intermittent pressure device
Oxygenation of wound (hyperbaric)
Stereotactic head frame application
Strapping (non-traction)
Velveau 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
Excludes: training in activities of daily living for the blind (93.78)
 - 93.84 Music therapy
 - 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 positive pressure (NIPPV)
 Non-invasive PPV
 NPPV
 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)

Note: Patients admitted on *non-invasive* mechanical ventilation that 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
 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
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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 testamentary 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
 - 94.27 Other electroshock therapy
 - Electroconvulsive therapy (ECT)
 - EST
 - 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 group 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
 - 94.55 Referral for vocational rehabilitation
 - 94.59 Referral for other psychologic rehabilitation
- 94.6 Alcohol 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	Ophthalmologic and otologic diagnosis and treatment
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- 95.0 General 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 Examinations 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 P32 and other tracer studies of eye
 - 95.2 Objective functional tests of eye
- Excludes: that with polysomnogram (89.17)

- 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
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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)
 - 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: BiPAP delivered through endotracheal tube or tracheostomy (invasive interface)
 - CPAP delivered through endotracheal tube or tracheostomy (invasive interface)
 - Endotracheal respiratory assistance
 - Invasive positive pressure ventilation [IPPV]
 - Mechanical ventilation through invasive interface
 - That 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 lung) (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
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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 Other 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 Nonoperative removal of therapeutic device from head and neck
 - 97.31 Removal of eye prosthesis
 - Excludes: removal of ocular implan (16.71)
 - removal of orbital implan (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 Nonoperative 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)

- 97.5 Nonoperative removal of therapeutic device from digestive system
 - 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 Nonoperative 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 Nonoperative 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 Other 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
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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 incision
- 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 (33.78)

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]
 - Lithotripter 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
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99.0 Transfusion of blood and blood components

Code also 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 plalet 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

Code also 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
 - Immunotherapy, antineoplastic
 - Infusion of cintredekin besudotox
 - Interleukin therapy
 - Low-dose interleukin-2 (IL-2) therapy
 - Tumor vaccineExcludes: 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)
 - infusion of blood brain barrier disruption substance (00.19)
 - injection of sclerosing agent into:
 - esophageal varices (42.33)
 - hemorrhoids (49.42)
 - veins (39.92)
 - injection or infusion of human B-type natriuretic peptide (hBNP)(00.13)
 - injection or infusion of nesiritide (00.13)
 - injection or infusion of platelet inhibitor (99.20)
 - injection or infusion of thrombolytic agent (99.10)
 - uterine artery embolization without coils (68.25)
- 99.3 Prophylactic vaccination and inoculation against certain bacterial diseases
 - 99.31 Vaccination against cholera
 - 99.32 Vaccination against typhoid and paratyphoid fever
 - Administration of TAB vaccine
 - 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:
 - anthrax
 - brucellosis
 - Rocky Mountain spotted fever
 - Staphylococcus
 - Streptococcus
 - typhus
 - 99.56 Administration of tetanus antitoxin
 - 99.57 Administration of botulism antitoxin
 - 99.58 Administration of other antitoxins
 - Administration of:
 - diphtheria antitoxin
 - gas gangrene antitoxin
 - scarlet fever antitoxin
 - 99.59 Other vaccination and inoculation
 - Vaccination NOS
 - Excludes: injection of:
 - gamma globulin (99.14)
 - Rh immune globulin (99.11)
 - immunization for:
 - allergy (99.12)

autoimmune disease (99.13)

99.6 Conversion of cardiac rhythm

Excludes: open chest cardiac:
electric stimulation (37.91)
massage (37.91)

99.60 Cardiopulmonary resuscitation, not otherwise specified

99.61 Atrial cardioversion

99.62 Other electric countershock of heart
Cardioversion:
NOS
external
Conversion to sinus rhythm
Defibrillation
External electrode stimulation

99.63 Closed chest cardiac massage
Cardiac massage NOS
Manual external cardiac massage

99.64 Carotid sinus stimulation

99.69 Other conversion of cardiac rhythm

99.7 Therapeutic apheresis or other injection, administration, or infusion of other therapeutic or prophylactic substance

99.71 Therapeutic plasmapheresis

Excludes: extracorporeal immunoadsorption [ECI] 99.76

99.72 Therapeutic leukopheresis
Therapeutic leukocytapheresis

99.73 Therapeutic erythrocytapheresis
Therapeutic erythropheresis

99.74 Therapeutic plateletpheresis

99.75 Administration of neuroprotective agent

99.76 Extracorporeal immunoadsorption
Removal of antibodies from plasma with protein A columns

99.77 Application or administration of adhesion barrier substance

99.78 Aquapheresis
Plasma water removal
Ultrafiltration [for water removal]

Excludes: hemodiafiltration (39.95)
hemodialysis (39.95)
therapeutic plasmapheresis (99.71)

99.79 Other
Apheresis (harvest) of stem cells

99.8 Miscellaneous physical procedures

- 99.81 Hypothermia (central) (local)
Excludes: gastric cooling (96.31)
gastric freezing (96.32)
that incidental to open heart surgery (39.62)
- 99.82 Ultraviolet light therapy
Actinotherapy
- 99.83 Other phototherapy
Phototherapy of the newborn
Excludes: extracorporeal photochemotherap (99.88)
photocoagulation of retinal lesion (14.23-14.25, 14.33-14.35, 14.53-14.55)
- 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 growth stimulators (device) (percutaneous
electrodes) (78.90-78.99)
- 99.88 Therapeutic photopheresis
Extracorporeal photochemotherapy
Extracorporeal photopheresis
Excludes: other phototherapy (99.83)
ultraviolet light therap (99.82)
- 99.9 Other miscellaneous procedures
 - 99.91 Acupuncture for anesthesia
 - 99.92 Other acupuncture
Excludes: that with smouldering mox (93.35)
 - 99.93 Rectal massage (for levator spasm)
 - 99.94 Prostatic massage
 - 99.95 Stretching of foreskin
 - 99.96 Collection of sperm for artificial insemination
 - 99.97 Fitting of denture
 - 99.98 Extraction of milk from lactating breast
 - 99.99 Other
Leech therapy