

FY 2012 Final Addenda
Volume 3, Procedures
Effective October 1, 2011

Tabular

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| | 00.4 Adjunct vascular system procedures |
| Revise code also note | Code also any: angioplasty or atherectomy (00.61-00.62, 00.66, 39.50) |
| Add code also note | <u>atherectomy (17.53-17.56)</u> |
| | 00.49 SuperSaturated oxygen therapy |
| Add code also note | Code also any: <u>transluminal coronary atherectomy (17.55)</u> |
| | 00.55 Insertion of drug-eluting stent(s) of other peripheral vessel(s) |
| Revise code also note | Code also any: angioplasty or atherectomy of other non-coronary vessel(s) (39.50) |
| Add code also note | <u>atherectomy of other non-coronary vessel(s) (17.56)</u> |
| Revise code title | 00.56 Insertion or replacement of implantable pressure sensor {lead} <u>with lead</u> for intracardiac or great vessel hemodynamic monitoring |
| Add note | <u>Note: The sensor is physically connected by a lead to a separately implanted monitor.</u> |
| Revise code also note | Code also any associated implantation or replacement of <u>subcutaneous monitor (00.57)</u> |
| Add exclusion term | Excludes: <u>insertion of implantable pressure sensor without lead for intracardiac or great vessel hemodynamic monitoring (38.26)</u> |
| Revise inclusion term | 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 (lead) <u>via lead</u> |
| Revise code also note | Code also any associated insertion or replacement of implanted pressure sensor (lead) <u>with lead</u> (00.56) |

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| | 00.60 Insertion of drug-eluting stent(s) of superficial femoral artery |
| Revise code also note | Code also any: angioplasty or atherectomy of other non-coronary vessel(s) (39.50) |
| Add code also note | <u>atherectomy of other non-coronary vessel(s) (17.56)</u> |
| Revise code title | 00.61 Percutaneous angioplasty or atherectomy of precerebral (extracranial) vessel(s) |
| Delete inclusion term | Basilar |
| Add code also note | Code also any: <u>percutaneous atherectomy of extracranial vessel(s) (17.53)</u> |
| Revise code also note | percutaneous insertion of other precerebral <u>extracranial</u> artery stent(s) (00.64) |
| Revise exclusion term | Excludes: angioplasty or atherectomy of other non-coronary vessel(s) (39.50) |
| Add exclusion term | <u>atherectomy of other non-coronary vessel(s) (17.56)</u> |
| Revise code title | 00.62 Percutaneous angioplasty or atherectomy of intracranial vessel(s) |
| Add inclusion term | <u>Basilar artery</u> |
| Add inclusion term | <u>Intracranial portion of vertebral artery</u> |
| Add code also note | Code also any: <u>percutaneous atherectomy of intracranial vessel(s) (17.54)</u> |
| Revise exclusion term | Excludes: angioplasty or atherectomy of other non-coronary vessel(s) (39.50) |
| Add exclusion term | <u>atherectomy of other non-coronary vessel(s) (17.56)</u> |
| | 00.63 Percutaneous insertion of carotid artery stent(s) |
| Revise code also note | Code also any: percutaneous angioplasty or atherectomy of precerebral (extracranial)-vessel(s) (00.61) |
| Add code also note | <u>percutaneous atherectomy of extracranial vessel(s) (17.53)</u> |
| Revise exclusion term | Excludes: angioplasty or atherectomy of other non-coronary vessel(s) (39.50) |
| Add exclusion term | <u>atherectomy of other non-coronary vessel(s) (17.56)</u> |
| Add exclusion term | <u>insertion of coil-retention or embolization stent (39.72)</u> |

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| Revise code title | 00.64 Percutaneous insertion of other precerebral (extracranial) artery stent(s) |
| Delete inclusion term | Basilar stent |
| Revise code also note | Code also any: percutaneous angioplasty or atherectomy of extracranial precerebral vessel(s) (00.61) |
| Add code also note | <u>percutaneous atherectomy of extracranial vessel(s) (17.53)</u> |
| Revise exclusion term | Excludes: angioplasty or atherectomy of other non-coronary vessel(s) (39.50) |
| Add exclusion term | <u>atherectomy of other non-coronary vessel(s) (17.56)</u> |
| Add exclusion term | <u>insertion of coil-retention or embolization stent (39.72)</u> |
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| Add inclusion term | 00.65 Percutaneous insertion of intracranial vascular stent(s) <u>Basilar stent</u> |
| Revise code also note | Code also any: percutaneous angioplasty or atherectomy of intracranial vessel(s) (00.62) |
| Add code also note | <u>percutaneous atherectomy of intracranial vessel(s) (17.54)</u> |
| Revise exclusion term | Excludes: angioplasty or atherectomy of other non-coronary vessel(s) (39.50) |
| Add exclusion term | <u>atherectomy of other non-coronary vessel(s) (17.56)</u> |
| Add exclusion term | <u>insertion of coil-retention or embolization stent (39.72)</u> |
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| Revise code title | 00.66 Percutaneous transluminal coronary angioplasty [PTCA] or coronary atherectomy |
| Delete inclusion term | Coronary atherectomy |
| Add code also note | Code also any: <u>transluminal coronary atherectomy (17.55)</u> |
| | |
| Add inclusion term | 00.77 Hip bearing surface, ceramic-on-polyethylene <u>Hip bearing surface, oxidized zirconium-on-polyethylene</u> |
| | |
| Add inclusion term | 00.94 Intra-operative neurophysiologic monitoring |
| Add inclusion term | <u>That by:</u> |
| Add inclusion term | <u>brainstem auditory evoked potentials [BAEP]</u> |
| Add inclusion term | <u>electroencephalogram [EEG]</u> |
| Add inclusion term | <u>electromyogram [EMG]</u> |
| Add inclusion term | <u>motor evoked potentials [MEP]</u> |
| Add inclusion term | <u>nerve conduction study</u> |

Add inclusion term somatosensory evoked potentials [SSEP]
Add inclusion term transcranial Doppler

New subcategory 02.2 Ventriculostomy
Delete inclusion term ~~Anastomosis of ventricle to:~~
Delete inclusion term ~~cervical subarachnoid space~~
Delete inclusion term ~~cistern magna~~
Delete inclusion term ~~Insertion of Holter Valve~~
Delete inclusion term ~~Ventriculocisternal intubation~~

New code 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)

New code 02.22 Intracranial ventricular shunt or anastomosis
Anastomosis of ventricle to:
cervical subarachnoid space
cistern magna
Insertion of Holter valve into intracranial system
Shunt between two intracranial ventricles
That by endoscopy
Third ventriculostomy
Ventriculocisternostomy

Revise code title 02.39 ~~Other operations to establish drainage of ventricle~~
Ventricular shunt to extracranial site NEC
Delete inclusion term ~~Ventricle to bone marrow shunt~~
Delete inclusion term ~~Ventricular shunt to extracranial site NEC~~

Delete inclusion term 02.42 Replacement of ventricular shunt
~~Replacement of ventricular catheter~~

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| New code | <p>12.67 Insertion of aqueous drainage device</p> <ul style="list-style-type: none"> Anterior chamber drainage device Aqueous drainage shunt or stent Eye valve implant Filtration canal shunt or device |
| Revise code title | <p>13.65 Excision of secondary membrane [after cataract]</p> <p>Capsulectomy</p> <p><u>Capsulectomy</u></p> |
| New Code | <p>17.53 Percutaneous atherectomy of extracranial vessel(s)</p> <ul style="list-style-type: none"> Directional atherectomy Excimer laser atherectomy Rotational atherectomy That by laser That by transluminal extraction <p>Code also any:</p> <ul style="list-style-type: none"> 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) <p>Excludes:</p> <ul style="list-style-type: none"> 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) |
| New code | <p>17.54 Percutaneous atherectomy of intracranial vessel(s)</p> <ul style="list-style-type: none"> Directional atherectomy Excimer laser atherectomy Rotational atherectomy That by laser That by transluminal extraction <p>Code also any:</p> <ul style="list-style-type: none"> 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 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)

New code

- 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)

New code

- 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)

New subcategory

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.

New code

17.81 Insertion of antimicrobial envelope

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

Code first primary procedure:

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

Add inclusion term

33.24 Closed [endoscopic] biopsy of bronchus

Mini-bronchoalveolar lavage [mini-BAL]

Delete exclusion term

Excludes: ~~mini-bronchoalveolar lavage [mini-BAL]~~ (33.29)

Revise code also note

35 Operations on valves and septa of heart

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

Revise subcategory title

35.0 Closed heart valvotomy or transcatheter replacement of heart valve

New code

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)

New code

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)

New code

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)

New code

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)

New code

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)

Revise subcategory title

35.2 Open and other ~~R~~replacement of heart valve

Excludes:

Add exclusion term

transapical replacement of heart valve (35.06, 35.08)

Add exclusion term

transcatheter replacement of heart valve (35.05, 35.07)

Revise code title

35.20 Open and other ~~R~~replacement of unspecified heart valve

Delete inclusion term

~~Repair of unspecified heart valve with tissue graft or
prosthetic implant~~

Add inclusion term

That with tissue graft or prosthetic implant

Add exclusion term

Excludes: endovascular replacement of unspecified heart valve
(35.09)

Revise code title

35.21 Open and other ~~R~~replacement of aortic valve with tissue
graft

Delete inclusion term

~~Repair of aortic valve with tissue graft (autograft)
(heterograft) (homograft)~~

Add inclusion term

Includes that by:

Add inclusion term

autograft

Add inclusion term

heterograft

Add inclusion term

homograft

Add exclusion term

Excludes: endovascular replacement of aortic valve (35.05)

Add exclusion term

transapical replacement of aortic valve (35.06)

Revise code title

35.22 Open and ~~O~~ther replacement of aortic valve

Delete inclusion terms

~~Repair of aortic valve with replacement:~~

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| Add inclusion term | <u>NOS</u> |
| Add inclusion term | <u>prosthetic (partial) (synthetic) (total)</u> |
| Add exclusion term | <u>Replacement of aortic valve, NOS</u> |
| Add exclusion term | <u>That with prosthetic (partial) (synthetic) (total)</u> |
| | <u>Excludes: endovascular replacement of aortic valve (35.05)</u> |
| | <u>transapical replacement of aortic valve (35.06)</u> |
| Revise code title | 35.23 <u>Open and other</u> R replacement of mitral valve with tissue graft |
| Delete inclusion term | Repair of mitral valve with tissue graft (autograft) (heterograft) (homograft) |
| Add inclusion term | <u>Includes that by:</u> |
| Add inclusion term | <u>autograft</u> |
| Add inclusion term | <u>heterograft</u> |
| Add inclusion term | <u>homograft</u> |
| Revise code title | 35.24 <u>Open and</u> O other replacement of mitral valve |
| Delete inclusion terms | Repair of mitral valve with replacement: NOS prosthetic (partial) (synthetic) (total) |
| Add inclusion term | <u>Replacement of mitral valve, NOS</u> |
| Add inclusion term | <u>That with prosthetic (partial) (synthetic) (total)</u> |
| Revise code title | 35.25 <u>Open and other</u> R replacement of pulmonary valve with tissue graft |
| Delete inclusion term | Repair of pulmonary valve with tissue graft (autograft) (heterograft) (homograft) |
| Add inclusion term | <u>Includes that by:</u> |
| Add inclusion term | <u>autograft</u> |
| Add inclusion term | <u>heterograft</u> |
| Add inclusion term | <u>homograft</u> |
| Add exclusion term | <u>Excludes: endovascular replacement of pulmonary valve (35.07)</u> |
| Add exclusion term | <u>transapical replacement of pulmonary valve (35.08)</u> |
| Revise code title | 35.26 <u>Open and</u> O other replacement of pulmonary valve |
| Delete inclusion terms | Repair of pulmonary valve with replacement: NOS prosthetic (partial) (synthetic) (total) |
| Add inclusion term | <u>Replacement of pulmonary valve, NOS</u> |
| Add inclusion term | <u>That with prosthetic (partial) (synthetic) (total)</u> |
| Add exclusion term | <u>Excludes: endovascular replacement of pulmonary valve (35.07)</u> |
| Add exclusion term | <u>transapical replacement of pulmonary valve (35.08)</u> |

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| Revise code title | 35.27 <u>Open and other</u> R replacement of tricuspid valve with tissue graft |
| Delete inclusion term | Repair of tricuspid valve with tissue graft (autograft) (heterograft) (homograft) |
| Add inclusion term | <u>Includes that by:</u> |
| Add inclusion term | <u>autograft</u> |
| Add inclusion term | <u>heterograft</u> |
| Add inclusion term | <u>homograft</u> |
| Revise code title | 35.28 <u>Open and</u> O ther replacement of tricuspid valve |
| Delete inclusion terms | Repair of tricuspid valve with replacement: NOS prosthetic (partial) (synthetic) (total) |
| Add inclusion term | <u>Replacement of tricuspid valve, NOS</u> |
| Add inclusion term | <u>That with prosthetic (partial) (synthetic) (total)</u> |
| | 35.96 Percutaneous balloon valvuloplasty |
| Add exclusion term | Excludes: <u>endovascular replacement of heart valve (35.05, 35.07)</u> |
| Add exclusion term | <u>transapical replacement of heart valve (35.06, 35.08)</u> |
| | 36.06 Insertion of non-drug eluting coronary artery stent(s) |
| Revise code also note | Code also any: percutaneous transluminal coronary angioplasty [PTCA] or coronary atherectomy (00.66) |
| Add code also note | <u>transluminal coronary atherectomy (17.55)</u> |
| | 36.07 Insertion of drug-eluting coronary artery stent(s) |
| Revise code also note | Code also any: percutaneous transluminal coronary angioplasty [PTCA] or coronary atherectomy (00.66) |
| Add code also note | <u>transluminal coronary atherectomy (17.55)</u> |
| | 36.09 Other removal of coronary artery obstruction |
| Revise exclusion term | Excludes: that by percutaneous transluminal coronary angioplasty [PTCA] or coronary atherectomy (00.66) |
| Add exclusion term | <u>transluminal coronary atherectomy (17.55)</u> |
| Revise code title | 37.36 <u>Excision, or destruction, or exclusion</u> of left atrial appendage (LAA) |

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| Revise inclusion term | Includes: <u>thoracoscopic approach, minithoracotomy approach, percutaneous approach, endovascular approach, or subxiphoid approach</u> |
| Delete inclusion term | Exclusion of left atrial appendage |
| Add inclusion term | <u>That by fastener or suture</u> |
| Revise code also note | <u>Code also any:</u> |
| Add code also note | <u>concomitant (open) procedure performed</u> |
| Add code also note | <u>fluoroscopy (87.49)</u> |
| Add code also note | <u>transesophageal echocardiography (TEE) (88.72)</u> |
| Add exclusion term | Excludes: <u>excision or destruction of other lesion or tissue of heart, thoracoscopic approach (37.37)</u> |
| | <u>insertion of left atrial appendage device (37.90)</u> |
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| New code | 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) |
| | |
| Revise code title | 39.50 Angioplasty or atherectomy of other non-coronary vessel(s) |
| Add code also note | <u>Code also any: atherectomy of other non-coronary vessels(s) (17.56)</u> |
| | Excludes: |
| Revise exclusion term | <u>percutaneous angioplasty or atherectomy of precerebral extracranial or cerebral intracranial vessel(s) (00.61-00.62)</u> |
| Add exclusion term | <u>percutaneous atherectomy of extracranial or intracranial vessel(s) (17.53-17.54)</u> |

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| Revise exclusion term | 39.7 Endovascular procedures on vessel(s) Excludes: angioplasty or atherectomy of other non-coronary vessel(s) (39.50) |
| Add exclusion term | <u>atherectomy of other non-coronary vessel(s) (17.56)</u> |
| Add exclusion term | <u>temporary therapeutic partial occlusion of vessel (39.77)</u> |
| Revise code title | 39.71 Endovascular implantation of <u>other</u> graft in abdominal aorta |
| Add exclusion term | <u>Excludes: endovascular implantation of branching or fenestrated graft in aorta (39.78)</u> |
| Revise code title | 39.72 Endovascular <u>(total)</u> embolization or occlusion of head and neck vessels |
| Add inclusion term | <u>Coil-retention stent</u> |
| Add inclusion term | <u>Embolization stent</u> |
| New code | 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) |
| New code | 39.78 Endovascular implantation of branching or fenestrated graft(s) in aorta |
| Add exclusion term | 39.79 Other endovascular procedures on other vessels Excludes: <u>uterine artery embolization with coils (68.24)</u> |
| New code | 43.82 Laparoscopic vertical (sleeve) gastrectomy Excludes: laparoscopic banding (44.95) laparoscopic gastric restrictive procedure (44.95) |
| Revise code title | 43.89 <u>Open and Other partial gastrectomy</u> |
| Add exclusion term | Excludes: <u>laparoscopic sleeve gastrectomy (43.82)</u> |

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| Revise exclusion term | Excludes: insertion of dual <u>multiple</u> array neurostimulator pulse generator (86.95, 86.98) |
| Revise inclusion term | 86.97 Insertion or replacement of single array rechargeable neurostimulator pulse generator Rechargeable pulse generator (single array, single channel, <u>single port</u>) for intracranial, spinal, and peripheral neurostimulator |
| Revise code title | 86.98 Insertion or replacement of dual <u>multiple</u> array (<u>two or more</u>) rechargeable neurostimulator pulse generator |
| Revise inclusion term | Rechargeable pulse generator dual array, dual channel (<u>multiple array, multiple channel, multiple port</u>) for intracranial, spinal, and peripheral neurostimulator |
| Add exclusion term | 88.7 Diagnostic ultrasound Excludes: <u>that for intraoperative monitoring (00.94)</u> |
| Add exclusion term | 89.19 Video and radio-telemetered electroencephalographic monitoring Excludes: <u>intraoperative monitoring (00.94)</u> |
| Add exclusion term | 93.08 Electromyography Excludes: <u>that for intraoperative monitoring (00.94)</u> |
| Revise exclusion term | 99.09 Transfusion of other substance Excludes: transplantation [transfusion] of bone marrow (<u>41.00-41.09</u>) |
| Add exclusion term | 99.29 Injection or infusion of other therapeutic or prophylactic substance Excludes: <u>uterine artery embolization without coils (68.25)</u> |

Index

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| | Anastomosis |
| Revise subterm | ventricle, ventricular (intracerebral) (with valve) – <i>see also</i> shunt, ventricular 02.2 <u>02.22</u> |
| | Aneurysmectomy 38.60 |
| | with |
| | graft replacement (interposition) 38.40 |
| | abdominal |
| | aorta |
| Add subterm | endovascular approach 39.71 |
| | <u>fenestrated (branching) graft 39.78</u> |
| | Aneurysmorrhaphy NEC 39.52 |
| | by or with |
| | endovascular graft |
| | abdominal aorta 39.71 |
| Add subterm | <u>fenestrated (branching) graft 39.78</u> |
| | Angioplasty (laser) – <i>see also</i> Repair, blood vessel |
| | percutaneous transluminal (balloon) |
| Revise subterm | basilar 00.61 <u>00.62</u> |
| Delete subterm | cerebral (intracranial) 00.62 |
| | cerebrovascular |
| Revise subterm | cerebral (intracranial) <u>extracranial 00.62 00.61</u> |
| Revise subterm | precerebral (extracranial) <u>intracranial 00.61 00.62</u> |
| Add subterm | <u>extracranial 00.61</u> |
| Add subterm | <u>intracranial 00.62</u> |
| Delete subterm | precerebral (extracranial) 00.61 |
| Delete subterm | carotid 00.61 |
| | vertebral 00.61 |
| Add subterm | <u>intracranial portion 00.62</u> |
| | specified site NEC 39.50 |
| | cerebrovascular |
| Revise subterm | cerebral (intracranial) <u>extracranial 00.62 00.61</u> |
| Revise subterm | precerebral (extracranial) <u>intracranial 00.61 00.62</u> |
| | Atherectomy |
| Revise subterm | cerebrovascular – <i>see</i> Angioplasty |
| Add subterm | <u>percutaneous</u> |
| Add subterm | <u>extracranial vessel(s) 17.53</u> |
| Add subterm | <u>intracranial vessel(s) 17.54</u> |
| Revise subterm | coronary – <i>see</i> Angioplasty |
| Add subterm | <u>percutaneous transluminal 17.55</u> |

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|-----------------------|---|
| Revise subterm | peripheral (<u>noncoronary</u>) 39.50 <u>17.56</u> |
| | Bearing surface, hip |
| Add subterm | <u>oxidized zirconium -on-polyethylene 00.77</u> |
| Add term | <u>Cleft lift 86.21</u> |
| Revise term | Debridement, NOS <u>86.28</u> |
| Add subterm | <u>excisional, NOS 86.22</u> |
| Revise indent | <u>abdominal wall 54.3</u> |
| Revise indent | <u>bone (see also Excision, lesion, bone) 77.60</u> |
| Revise indent | <u>fracture – see Debridement, open fracture</u> |
| Revise indent | <u>brain 01.59</u> |
| Revise subterm/indent | <u>burn (skin) 86.28 86.22</u> |
| Delete subterm | <u>excisional (skin) 86.22</u> |
| Delete subterm | <u>nonexcisional 86.28</u> |
| Revise indent | <u>bursa 83.5</u> |
| Revise indent | <u>cerebral meninges 01.51</u> |
| Revise indent/subterm | <u>fascia 83.39 83.44</u> |
| Revise indent | <u>flap graft 86.75</u> |
| Revise indent | <u>graft (flap) (pedicle) 86.75</u> |
| Revise indent | <u>heart valve (calcified) – see Valvuloplasty, heart</u> |
| Revise subterm/indent | <u>infection (skin) 86.28 86.22</u> |
| Delete subterm | <u>excisional (skin) 86.22</u> |
| Revise indent | <u>nail bed or fold 86.27</u> |
| Delete subterm | <u>nonexcisional 86.28</u> |
| Revise indent | <u>joint – see Excision, lesion joint</u> |
| Revise indent | <u>meninges (cerebral) 01.51</u> |
| Revise indent | <u>spinal 03.4</u> |
| Revise indent | <u>muscle 83.45</u> |
| Revise indent | <u>hand 82.36</u> |
| Revise indent | <u>nail 86.27</u> |
| Revise indent | <u>nerve (peripheral) 04.07</u> |
| Revise indent | <u>open fracture (compound) 79.60</u> |
| Revise indent | <u>arm NEC 79.62</u> |
| Revise indent | <u>carpal, metacarpal 79.63</u> |
| Revise indent | <u>facial bone 76.2</u> |
| Revise indent | <u>femur 79.65</u> |
| Revise indent | <u>fibula 79.66</u> |
| Revise indent | <u>foot NEC 79.67</u> |
| Revise indent | <u>hand NEC 79.63</u> |
| Revise indent | <u>humerus 79.61</u> |
| Revise indent | <u>leg NEC 79.66</u> |
| Revise indent | <u>phalanges</u> |
| Revise indent | <u>foot 79.68</u> |

Revise indent hand 79.64
 Revise indent radius 79.62
 Revise indent specified site NEC 79.69
 Revise indent tarsal, metatarsal 79.67
 Revise indent tibia 79.66
 Revise indent ulna 79.62
 Revise indent patella 77.66
 Revise indent pedicle graft 86.75
 Add subterm skin or subcutaneous tissue (burn) (infection) (wound) 86.22
 Revise indent cardioverter/defibrillator (automatic) pocket 37.79
 Delete subterm excisional (skin) 86.22
 Revise indent graft 86.75
 Revise indent nail, nail bed, nail fold 86.27
 Delete subterm nonexcisional 86.28
 Revise indent pacemaker pocket 37.79
 Revise indent pocket
 Revise indent cardiac device NEC 37.79
 Revise indent cardiac pacemaker 37.79
 Revise indent cardioverter/defibrillator (automatic) 37.79
 Revise indent skull 01.25
 Revise indent compound fracture 02.02
 Revise indent spinal cord (meninges) 03.4
 Revise indent tendon 83.39
 Revise subterm wound (skin) 86.28 86.22
 Delete subterm excisional (skin) 86.22
 Delete subterm nonexcisional 86.28

Add subterm nonexcisional, NOS 86.28
 Add subterm burn (skin) 86.28
 Revise indent dental 96.54
 Add subterm infection (skin) 86.28
 Revise indent skin or subcutaneous tissue (burn) (infection) (wound) 86.28
 Add subterm ultrasonic, ultrasound 86.28
 Revise indent VersaJet™ 86.28
 Add subterm wound (skin) 86.28

Dopplergram, Doppler flow mapping – *see also* Ultrasonography
intraoperative transcranial 00.94

Drainage

Add subterm fluid (blood) (cerebrospinal) (CSF)
 Add subterm by
 Add subterm external ventricular drain (EVD) placement 02.21
 Revise subterm ventricle (cerebral) (incision) NEC 02.39
 Add subterm by
 Add subterm extracranial ventricular shunt – *see* category 02.3

| | |
|-----------------------|---|
| | Electroencephalogram (EEG) 89.14 monitoring (radiographic) (video) 89.19 |
| Add subterm | <u>intraoperative 00.94</u> |
| | Embolization (transcatheter) |
| | artery (selective) 38.80 |
| | by |
| | endovascular approach 39.79 |
| Add subterm | <u>partial occlusion (balloon) (temporary) 39.77</u> |
| | aorta (arch) (ascending) (descending) 38.84 |
| Add subterm | <u>temporary therapeutic endovascular (balloon) (partial occlusion) 39.77</u> |
| Add subterm | <u>uterine (gelatin sponge) (gelfoam) (microspheres) (PVA) (spherical embolics) (without coil(s)) 68.25</u> |
| | coil, endovascular 39.79 |
| Add subterm | <u>uterine artery 68.24</u> |
| | vein (selective) 38.80 |
| | by |
| | endovascular approach 39.79 |
| Add subterm | <u>partial occlusion (balloon) (temporary) 39.77</u> |
| | Endarterectomy (gas) (with patch graft) 38.10 |
| | head and neck (open) NEC 38.12 |
| Revise subterm | percutaneous approach, precerebral -(extracranial) vessel(s) 00.61 |
| Revise indent/subterm | <u>percutaneous approach, intracranial vessel(s) 00.62</u> |
| | Endoaneurysmorrhaphy - <i>see also</i> Aneurysmorrhaphy 39.52 |
| | by or with |
| | endovascular graft |
| | abdominal aorta 39.71 |
| Add subterm | <u>fenestrated (branching) graft 39.78</u> |
| | Exclusion |
| Add subterm | <u>LAA 37.36</u> |
| | left atrial appendage 37.36 |
| Add subterm | <u>percutaneous 37.36</u> |
| Add subterm | <u>TigerPaw™ System 37.36</u> |
| | Fistulization |
| Revise subterm | subarachnoid space 02.2 <u>02.22</u> |
| Revise subterm | ventricle, cerebral - <i>see also</i> Shunt, ventricular 02.2 <u>02.22</u> |
| Revise term | Gastrectomy (partial) (<u>sleeve</u>) (subtotal) NEC 43.89 |
| Add subterm | <u>laparoscopic, vertical (sleeve) 43.82</u> |

| | |
|----------------|---|
| Add subterm | <u>sleeve</u> |
| Add subterm | <u>laparoscopic 43.82</u> |
| | Graft, grafting |
| | aneurysm 39.52 |
| | endovascular |
| | abdominal aorta 39.71 |
| Add subterm | <u>fenestrated (branching) graft 39.78</u> |
| | Hysterectomy, NOS 68.9 |
| Revise term | abdominal 68.49 |
| Revise subterm | laparoscopic (total) {TLH} (TLH) 68.41 |
| Revise subterm | other (total) 68.49 |
| Add subterm | <u>laparoscopic</u> |
| Add subterm | <u>abdominal</u> |
| Add subterm | <u>radical (total) (TLRH) 68.61</u> |
| Add subterm | <u>total (TLH) 68.41</u> |
| Add subterm | <u>supracervical (LASH) (LSH) 68.31</u> |
| Add subterm | <u>total (TLH) 68.41</u> |
| Add subterm | <u>vaginal, assisted (LAVH) 68.51</u> |
| Add subterm | <u>radical (LRVH) 68.71</u> |
| Add subterm | <u>radical</u> |
| Add subterm | <u>abdominal</u> |
| Add subterm | <u>laparoscopic 68.61</u> |
| Add subterm | <u>other (modified) (Wertheim's) 68.69</u> |
| Add subterm | <u>vaginal</u> |
| Add subterm | <u>laparoscopic (LRVH) 68.71</u> |
| Add subterm | <u>other 68.79</u> |
| | Implant, implantation |
| | neurostimulator |
| | pulse generator (subcutaneous) 86.96 |
| Revise subterm | dual <u>multiple array 86.95</u> |
| Revise subterm | Ommaya reservoir 02.2 <u>02.22</u> |
| Revise subterm | Rickham reservoir 02.2 <u>02.22</u> |
| Add subterm | <u>valve(s)</u> |
| Add subterm | <u>endovascular – see Replacement, heart valve, by site</u> |
| | Infusion |
| Add subterm | <u>lymphocyte 99.09</u> |
| | Insertion |
| Add subterm | <u>antimicrobial envelope 17.81</u> |
| Add subterm | <u>aqueous drainage device (shunt) (stent) 12.67</u> |
| | catheter |
| Add subterm | <u>NeuroFlo™ (partial abdominal aorta occlusion) 39.77</u> |

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|-----------------------|--|
| Add subterm | <u>temporary occlusion, abdominal aorta 39.77</u> |
| | endograft(s), endovascular graft(s) |
| | endovascular, abdominal aorta 39.71 |
| Add subterm | <u>fenestrated (branching) 39.78</u> |
| Add subterm | <u>envelope, antimicrobial 17.81</u> |
| Add subterm | <u>eye valve implant 12.67</u> |
| Revise subterm | Holter valve 02.2 <u>02.22</u> |
| | noncoronary vessel |
| | stent(s) (stent graft) |
| Revise subterm | with angioplasty or atherectomy 39.50 |
| Add subterm | <u>angioplasty 39.50</u> |
| Add subterm | <u>atherectomy 17.56</u> |
| Revise subterm/indent | with <u>bypass- omit code</u> |
| Revise subterm | Ommaya reservoir 02.2 <u>02.22</u> |
| Revise subterm | Rickham reservoir 02.2 <u>02.22</u> |
| | sensor (lead) |
| Revise subterm | intracardiac or great vessel hemodynamic monitoring 00.56 |
| Add subterm | <u>with lead 00.56</u> |
| Add subterm | <u>without lead 38.26</u> |
| | stent(s) (stent graft) |
| Add subterm | <u>aqueous drainage 12.67</u> |
| | valve(s) |
| Revise subterm | Holter 02.2 <u>02.22</u> |
| Revise subterm | Spitz-Holter 02.2 <u>02.22</u> |
| | Intubation – <i>see also</i> Catheterization and Insertion |
| Revise subterm | ventriculocisternal 02.2 <u>02.22</u> |
| | Lavage |
| | bronchus NEC 96.56 |
| Revise subterm | diagnostic (endoscopic) <u>bronchoalveolar lavage (BAL)</u> |
| | <u>(Mini-BAL) 33.24</u> |
| Delete subterm | bronchoalveolar lavage (BAL) 33.24 |
| Delete subterm | mini bronchoalveolar lavage (mini BAL) 33.29 |
| | Monitoring |
| | cardiac output (by) |
| | intracardiac or great vessel hemodynamic |
| Revise subterm | sensor <u>with</u> (lead) 00.56 |
| Add subterm | <u>sensor without lead 38.26</u> |
| | electroencephalographic 89.19 |
| Add subterm | <u>intraoperative 00.94</u> |
| Delete subterm | intraoperative anesthetic effect monitoring and titration 00.94 |
| | {89.14} |
| Add subterm | <u>intraoperative</u> |
| Add subterm | <u>anesthetic effect monitoring and titration (IAEMT) 00.94</u> |

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| | <u>[89.14]</u> |
| Add subterm | <u>neurophysiologic (BAEP) (brainstem auditory evoked potentials) (EEG) (electroencephalogram) (electromyogram) (EMG) (MEP) (motor evoked potentials) (nerve conduction study) (somatosensory evoked potentials) (SSEP) (transcranial Doppler) 00.94</u> |
| Add term | <u>NeuroFlo™ catheter for partial (temporary) abdominal aorta occlusion 39.77</u> |
| | Operation |
| Revise subterm | Torkildsen (ventriculocisternal shunt) 02.2 <u>02.22</u> |
| Add term | <u>PPVI (percutaneous pulmonary valve implantation) 35.07</u> |
| | Removal- <i>see also</i> Excision |
| Delete subterm | catheter (indwelling) – <i>see also</i> Removal, tube |
| Delete subterm | ventricular (cerebral) 02.34 |
| | with synchronous replacement 02.42 |
| | neurostimulator |
| Revise subterm | pulse generator (subcutaneous single array, and <u>multiple</u> array) 86.05 |
| | with synchronous replacement 86.96 |
| Revise subterm | and <u>multiple</u> array 86.95 |
| | Repair |
| | aneurysm (false) (true) 39.52 |
| | by or with |
| | endovascular graft 39.79 |
| | abdominal aorta 39.71 |
| Add subterm | <u>fenestrated (branching) 39.78</u> |
| | artery NEC 39.59 |
| | by |
| | endovascular approach |
| | abdominal aorta 39.71 |
| Add subterm | <u>fenestrated (branching) graft 39.78</u> |
| Revise subterm | head and neck (<u>total</u> embolization or occlusion) 39.72 |
| Revise subterm | percutaneous repair of precerebral (extracranial) vessel(s) (for stent insertion) 00.61 |
| Revise subterm | non-coronary percutaneous transluminal <u>approach</u> |
| | angioplasty or atherectomy |
| Add subterm | <u>angioplasty</u> |
| Revise indent/subterm | basilar 00.61 <u>00.62</u> |
| Revise indent | <u>carotid 00.61</u> |
| Revise indent | <u>femoropopliteal 39.50</u> |

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|----------------|--|
| Revise indent | <u>iliac 39.50</u> |
| Revise indent | <u>lower extremity NOS 39.50</u> |
| Revise indent | <u>mesenteric 39.50</u> |
| Revise indent | <u>renal 39.50</u> |
| Revise indent | <u>upper extremity NOS 39.50</u> |
| Revise indent | <u>vertebral 00.61</u> |
| Add subterm | <u>intracranial portion 00.62</u> |
| Add subterm | <u>atherectomy 17.56</u> |
| | coronary NEC 36.99 |
| Revise subterm | by atherectomy —see Angioplasty, coronary |
| Add subterm | <u>percutaneous transluminal 17.55</u> |
| | blood vessel NEC 39.59 |
| | coronary NEC 36.99 |
| Revise subterm | by atherectomy —see Angioplasty, coronary |
| Add subterm | <u>percutaneous transluminal 17.55</u> |
| | peripheral vessel NEC 39.59 |
| Revise subterm | by atherectomy 39.50 <u>17.56</u> |
| | coronary artery NEC 36.99 |
| Revise subterm | by atherectomy —see Angioplasty, coronary |
| Add subterm | <u>percutaneous transluminal 17.55</u> |
| | heart 37.49 |
| | valve (cusps) (open heart technique) 35.10 |
| Delete subterm | with prosthesis or tissue graft 35.20 |
| | aortic (without replacement) 35.11 |
| Delete subterm | with |
| Delete subterm | prosthesis 35.22 |
| Delete subterm | tissue graft 35.21 |
| | mitral (without replacement) 35.12 |
| | with |
| Delete subterm | prosthesis 35.24 |
| Delete subterm | tissue graft 35.23 |
| | pulmonary (without replacement) 35.13 |
| Delete subterm | with |
| Delete subterm | prosthesis 35.26 |
| Revise indent | <u>in total repair of tetralogy of Fallot 35.81</u> |
| Delete subterm | tissue graft 35.25 |
| | tricuspid (without replacement) 35.14 |
| Delete subterm | with |
| Delete subterm | prosthesis 35.28 |
| Delete subterm | tissue graft 35.27 |
| | Replacement |
| Revise subterm | aortic valve, <u>NOS (with prosthesis) 35.22</u> |
| Revise subterm | with tissue graft 35.21 |
| Add subterm | <u>prosthesis 35.22</u> |
| Add subterm | <u>tissue graft 35.21</u> |

Add subterm endovascular 35.05

Add subterm endovascular (TAVI) (TAVR) (transarterial) (transcatheter) (transfemoral) (with tissue graft) 35.05

Add subterm transapical (intercostal) (transcatheter) (transthoracic) (transventricular) (with tissue graft) 35.06

catheter

Add subterm external ventricular drain 02.21

heart

Revise subterm valve, NOS (with prosthesis) (with tissue graft) 35.20

Revise subterm aortic, NOS (~~with prosthesis~~) 35.22

Revise subterm with tissue graft 35.21

Add subterm prosthesis 35.22

Add subterm tissue graft 35.21

Add subterm endovascular 35.05

Add subterm endovascular (TAVI) (TAVR) (transarterial) (transcatheter) (transfemoral) (with tissue graft) 35.05

Add subterm transapical (intercostal) (transcatheter) (transthoracic) (transventricular) (with tissue graft) 35.06

Add subterm endovascular, NOS 35.09

Revise subterm mitral, NOS (~~with prosthesis~~) 35.24

Revise subterm with tissue graft 35.21

Add subterm prosthesis 35.24

Add subterm tissue graft 35.23

Revise subterm pulmonary, NOS (~~with prosthesis~~) 35.26

Revise subterm with tissue graft 35.25

Add subterm prosthesis 35.26

Add subterm tissue graft 35.25

Add subterm endovascular (percutaneous) (PPVI) (TPVR) (transcatheter) (transfemoral) (transvenous) 35.07

Add subterm transapical (intercostal) (transcatheter) (transthoracic) (transventricular) 35.08

Revise subterm tricuspid, NOS (~~with prosthesis~~) 35.28

Revise subterm with tissue graft 35.27

Add subterm prosthesis 35.28

Add subterm tissue graft 35.27

Revise subterm mitral valve, NOS (~~with prosthesis~~) 35.24

Revise subterm with tissue graft 35.21

Add subterm prosthesis 35.24

Add subterm tissue graft 35.23

Revise subterm pulmonary valve, NOS (~~with prosthesis~~) 35.26

Revise subterm with tissue graft 35.25

Add subterm prosthesis 35.26

Add subterm tissue graft 35.25

Add subterm endovascular (percutaneous) (PPVI) (TPVR) (transcatheter) (transfemoral) (transvenous) 35.07

Add subterm transapical (intercostal) (transcatheter) (transthoracic)

Revise subterm (transventricular) 35.08
 ventricular shunt ~~(catheter)~~ (valve) 02.42

Resection - *see also* Excision, by site
 gastric (partial) (sleeve) (subtotal) NEC- *see also* Gastrectomy
 43.89

Add subterm laparoscopic 43.82
 stomach (partial) (sleeve) (subtotal) NEC - *see also* Gastrectomy
 43.89

Add subterm laparoscopic 43.82

Shunt – *see also* Anastomosis and Bypass, vascular
aqueous drainage 12.67

Add subterm ventricular (cerebral) (with valve) ~~02.2~~ 02.22
 Revise subterm to
 cervical subarachnoid space ~~02.2~~ 02.22
 Revise subterm cistern magna ~~02.2~~ 02.22
 Revise subterm intracerebral site NEC ~~02.2~~ 02.22
 Revise subterm ventriculocisternal (with valve) ~~02.2~~ 02.22

Add term TAVI (transcatheter aortic valve implantation) 35.05
 Add term TAVR (transcatheter aortic valve replacement) 35.05

Add term UAE (uterine artery embolization), NOS 68.25
 Add subterm with
 Add subterm coils 68.24
 Add subterm particulate agent (gelatin sponge) (gelfoam) (microspheres)
 Add subterm (polyvinyl alcohol) (PVA) (spherical embolics) 68.25

Revise term Ventriculocisternostomy ~~02.2~~ 02.22

Revise term Ventriculostomy ~~02.2~~
 Add subterm for
 Add subterm external ventricular drainage (EVD) 02.21
 Add subterm placement of ventricular catheter 02.21
 Add subterm third (endoscopic) 02.22

Ventriculotomy
 Revise subterm cerebral ~~02.2~~ 02.22