Tabular

00.4  Adjunct vascular system procedures
Code also any:
Revise code also note  angioplasty or atherectomy (00.61-00.62, 00.66, 39.50)
Add code also note  atherectomy (17.53-17.56)

00.49  SuperSaturated oxygen therapy
Code also any:
Add code also note  transluminal coronary atherectomy (17.55)

00.55  Insertion of drug-eluting stent(s) of other peripheral vessel(s)
Code also any:
Revise code also note  angioplasty or atherectomy of other non-coronary vessel(s) (39.50)
Add code also note  atherectomy of other non-coronary vessel(s) (17.56)

Revise code title  00.56  Insertion or replacement of implantable pressure sensor [lead] with lead for intracardiac or great vessel hemodynamic monitoring
Add note  Note: The sensor is physically connected by a lead to a separately implanted monitor.
Revise code also note  Code also any associated implantation or replacement of subcutaneous monitor (00.57)
Add exclusion term  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
Revise inclusion term  Implantation of monitoring device with formation of subcutaneous pocket and connection to intracardiac pressure sensor [lead] via lead
Revise code also note  Code also any associated insertion or replacement of implanted pressure sensor [lead] with lead (00.56)
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
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<tbody>
<tr>
<td>00.60</td>
<td>Insertion of drug-eluting stent(s) of superficial femoral artery</td>
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<tr>
<td></td>
<td><strong>Code also any:</strong></td>
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<tr>
<td></td>
<td>angioplasty or atherectomy of other non-coronary vessel(s) (39.50)</td>
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<tr>
<td></td>
<td>atherectomy of other non-coronary vessel(s) (17.56)</td>
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<tr>
<td></td>
<td><strong>Revise code title</strong> 00.61 Percutaneous angioplasty or atherectomy of precerebral (extracranial) vessel(s)</td>
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<tr>
<td></td>
<td><strong>Delete inclusion term</strong> Basilar</td>
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<tr>
<td></td>
<td><strong>Code also any:</strong></td>
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<tr>
<td></td>
<td>percutaneous atherectomy of extracranial vessel(s) (17.53)</td>
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<tr>
<td></td>
<td>percutaneous insertion of other precerebral extracranial artery stent(s) (00.64)</td>
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<td><strong>Excludes:</strong></td>
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<td></td>
<td>angioplasty or atherectomy of other non-coronary vessel(s) (39.50)</td>
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<tr>
<td></td>
<td>atherectomy of other non-coronary vessel(s) (17.56)</td>
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<tr>
<td></td>
<td><strong>Revise code title</strong> 00.62 Percutaneous angioplasty or atherectomy of intracranial vessel(s)</td>
</tr>
<tr>
<td></td>
<td><strong>Add inclusion term</strong> Basilar artery</td>
</tr>
<tr>
<td></td>
<td><strong>Add inclusion term</strong> Intracranial portion of vertebral artery</td>
</tr>
<tr>
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<td><strong>Code also any:</strong></td>
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<td>percutaneous atherectomy of intracranial vessel(s) (17.54)</td>
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<td>angioplasty or atherectomy of other non-coronary vessel(s) (39.50)</td>
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<tr>
<td></td>
<td>atherectomy of other non-coronary vessel(s) (17.56)</td>
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<tr>
<td></td>
<td><strong>Revise code title</strong> 00.63 Percutaneous insertion of carotid artery stent(s)</td>
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<td><strong>Code also any:</strong></td>
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<tr>
<td></td>
<td>percutaneous angioplasty or atherectomy of precerebral (extracranial)-vessel(s) (00.61)</td>
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<td>percutaneous atherectomy of extracranial vessel(s) (17.53)</td>
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<td><strong>Excludes:</strong></td>
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<tr>
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<td>angioplasty or atherectomy of other non-coronary vessel(s) (39.50)</td>
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<tr>
<td></td>
<td>atherectomy of other non-coronary vessel(s) (17.56)</td>
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<tr>
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<td>insertion of coil-retention or embolization stent (39.72)</td>
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<tr>
<td>Code Title</td>
<td>Description</td>
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<tr>
<td>00.64 Percutaneous insertion of other precerebral (extracranial) artery stent(s)</td>
<td>Code also any: percutaneous angioplasty or atherectomy of extracranial precerebral vessel(s) (00.61)</td>
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<tr>
<td>Delete inclusion term Basilar stent</td>
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<td>Revise code also note Basilar stent</td>
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<tr>
<td>Add code also note Basilar stent</td>
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</tr>
<tr>
<td>Revise exclusion term angioplasty or atherectomy of other non-coronary vessel(s) (39.50)</td>
<td></td>
</tr>
<tr>
<td>Add exclusion term atherectomy of other non-coronary vessel(s) (17.56)</td>
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</tr>
<tr>
<td>Add exclusion term insertion of coil-retention or embolization stent (39.72)</td>
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</tr>
<tr>
<td>00.65 Percutaneous insertion of intracranial vascular stent(s)</td>
<td>Code also any: percutaneous angioplasty or atherectomy of intracranial vessel(s) (00.62)</td>
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<tr>
<td>Add inclusion term Basilar stent</td>
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<tr>
<td>Revise code also note Basilar stent</td>
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<tr>
<td>Add code also note Basilar stent</td>
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<tr>
<td>Revise exclusion term angioplasty or atherectomy of other non-coronary vessel(s) (39.50)</td>
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<tr>
<td>Add exclusion term atherectomy of other non-coronary vessel(s) (17.56)</td>
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</tr>
<tr>
<td>Add exclusion term insertion of coil-retention or embolization stent (39.72)</td>
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</tr>
<tr>
<td>00.66 Percutaneous transluminal coronary angioplasty [PTCA] or coronary atherectomy</td>
<td>Code also any: transluminal coronary atherectomy (17.55)</td>
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<tr>
<td>Delete inclusion term Coronary atherectomy</td>
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</tr>
<tr>
<td>Add code also note Coronary atherectomy</td>
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<tr>
<td>Add code also note Coronary atherectomy</td>
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<tr>
<td>00.77 Hip bearing surface, ceramic-on-polyethylene</td>
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<tr>
<td>Add inclusion term Hip bearing surface, oxidized zirconium-on-polyethylene</td>
<td></td>
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<tr>
<td>00.94 Intra-operative neurophysiologic monitoring</td>
<td>That by: brainstem auditory evoked potentials [BAEP]</td>
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<tr>
<td>Add inclusion term brainstem auditory evoked potentials [BAEP]</td>
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<tr>
<td>Add inclusion term electroencephalogram [EEG]</td>
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<tr>
<td>Add inclusion term electromyogram [EMG]</td>
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<tr>
<td>Add inclusion term motor evoked potentials [MEP]</td>
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<tr>
<td>Add inclusion term nerve conduction study</td>
<td></td>
</tr>
</tbody>
</table>
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
Ventricle to bone marrow shunt
Delete inclusion term  Ventricular shunt to extracranial site NEC

Delete inclusion term  Replacement of ventricular shunt
Delete inclusion term  Replacement of ventricular catheter
New code 12.67 Insertion of aqueous drainage device
Anterior chamber drainage device
Aqueous drainage shunt or stent
Eye valve implant
Filtration canal shunt or device

Revise code title 13.65 Excision of secondary membrane [after cataract]
Capsulectomy

New Code 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)

New code 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 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 replacement of heart valve
Excludes:
transapical replacement of heart valve (35.06, 35.08)
transcatheter replacement of heart valve (35.05, 35.07)

Revise code title 35.20 Open and other 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 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:
autograft
heterograft
homograft
Add exclusion term Excludes: endovascular replacement of aortic valve (35.05)
transapical replacement of aortic valve (35.06)

Revise code title 35.22 Open and other replacement of aortic valve
Delete inclusion terms Repair of aortic valve with replacement:
Add inclusion term | NOS prosthetic (partial) (synthetic) (total)
Add inclusion term | Replacement of aortic valve, NOS
Add inclusion term | That with prosthetic (partial) (synthetic) (total)
Add exclusion term | Excludes: endovascular replacement of aortic valve (35.05)
Add exclusion term | transapical replacement of aortic valve (35.06)

Revise code title | 35.23 Open and other replacement of mitral valve with tissue graft
Delete inclusion term | Repair of mitral 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

Revise code title | 35.24 Open and other replacement of mitral valve
Delete inclusion term | Repair of mitral valve with replacement: NOS prosthetic (partial) (synthetic) (total)
Add inclusion term | Replacement of mitral valve, NOS
Add inclusion term | That with prosthetic (partial) (synthetic) (total)

Revise code title | 35.25 Open and other replacement of pulmonary valve with tissue graft
Delete inclusion term | Repair of pulmonary 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 pulmonary valve (35.07)
Add exclusion term | transapical replacement of pulmonary valve (35.08)

Revise code title | 35.26 Open and other replacement of pulmonary valve
Delete inclusion term | Repair of pulmonary valve with replacement: NOS prosthetic (partial) (synthetic) (total)
Add inclusion term | Replacement of pulmonary valve, NOS
Add inclusion term | That with prosthetic (partial) (synthetic) (total)
Add exclusion term | Excludes: endovascular replacement of pulmonary valve (35.07)
Add exclusion term | transapical replacement of pulmonary valve (35.08)
<table>
<thead>
<tr>
<th>Revise code title</th>
<th>35.27  Open and other replacement of tricuspid valve with tissue graft</th>
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</thead>
<tbody>
<tr>
<td>Delete inclusion term</td>
<td>Repair of tricuspid valve with tissue graft (autograft) (heterograft) (homograft)</td>
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<td>Add inclusion term</td>
<td>Includes that by: autograft heterograft homograft</td>
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<td>Add inclusion term</td>
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<td>Add inclusion term</td>
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<tr>
<td>Revise code title</td>
<td>35.28  Open and Other replacement of tricuspid valve</td>
</tr>
<tr>
<td>Delete inclusion terms</td>
<td>Repair of tricuspid valve with replacement: NOS</td>
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<tr>
<td>Add inclusion term</td>
<td>Prosthetic (partial) (synthetic) (total)</td>
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<td>Replacement of tricuspid valve, NOS</td>
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<tr>
<td>Add inclusion term</td>
<td>That with prosthetic (partial) (synthetic) (total)</td>
</tr>
<tr>
<td>Add exclusion term</td>
<td></td>
</tr>
<tr>
<td>35.96 Percutaneous balloon valvuloplasty</td>
<td>Excludes: endovascular replacement of heart valve (35.05, 35.07)</td>
</tr>
<tr>
<td>Add exclusion term</td>
<td>Transapical replacement of heart valve (35.06, 35.08)</td>
</tr>
<tr>
<td>Add exclusion term</td>
<td></td>
</tr>
<tr>
<td>Revise code also note</td>
<td>36.06 Insertion of non-drug eluting coronary artery stent(s)</td>
</tr>
<tr>
<td>Code also any:</td>
<td>Percutaneous transluminal coronary angioplasty [PTCA] or coronary atherectomy (00.66)</td>
</tr>
<tr>
<td>Add code also note</td>
<td>Transluminal coronary atherectomy (17.55)</td>
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<tr>
<td>Revise code also note</td>
<td>36.07 Insertion of drug-eluting coronary artery stent(s)</td>
</tr>
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<td>Code also any:</td>
<td>Percutaneous transluminal coronary angioplasty [PTCA] or coronary atherectomy (00.66)</td>
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<tr>
<td>Add code also note</td>
<td>Transluminal coronary atherectomy (17.55)</td>
</tr>
<tr>
<td>Revise exclusion term</td>
<td>36.09 Other removal of coronary artery obstruction</td>
</tr>
<tr>
<td>Excludes:</td>
<td>That by percutaneous transluminal coronary angioplasty [PTCA] or coronary atherectomy (00.66)</td>
</tr>
<tr>
<td>Add exclusion term</td>
<td>Transluminal coronary atherectomy (17.55)</td>
</tr>
<tr>
<td>Revise code title</td>
<td>37.36 Excision, destruction, or exclusion of left atrial appendage (LAA)</td>
</tr>
</tbody>
</table>
Revise inclusion term
Includes: thoracoscopic approach, minithoracotomy approach, percutaneous approach, endovascular approach, or subxiphoid approach

Delete inclusion term
Exclusion of left atrial appendage

Add inclusion term
That by fastener or suture

Revise code also note
Concomitant (open) procedure performed

Add code also note
Fluoroscopy (87.49)

Add code also note
Transesophageal echocardiography (TEE) (88.72)

Add exclusion term
Excludes: excision or destruction of other lesion or tissue of heart, thoracoscopic approach (37.37), insertion of left atrial appendage device (37.90)

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
Code also any: atherectomy of other non-coronary vessels(s) (17.56)
Excludes:
Percutaneous angioplasty or atherectomy of precerebral extracranial or cerebral intracranial vessel(s) (00.61-00.62)
Percutaneous atherectomy of extracranial or intracranial vessel(s) (17.53-17.54)
39.7 Endovascular procedures on vessel(s)

**Revise exclusion term**

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

**Add exclusion term**

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

**Add exclusion term**

temporary therapeutic partial occlusion of vessel (39.77)

**Revise code title**

39.71 Endovascular implantation of other graft in abdominal aorta

**Add exclusion term**

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

**Revise code title**

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

**Add inclusion term**

Coil-retention stent

**Add inclusion term**

Embolization stent

**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**

Excludes: uterine artery embolization with coils (68.24)

**New code**

43.82 Laparoscopic vertical (sleeve) gastrectomy

Excludes: laparoscopic banding (44.95)

laparoscopic gastric restrictive procedure (44.95)

**Revise code title**

43.89 Open and other partial gastrectomy

**Add exclusion term**

Excludes: laparoscopic sleeve gastrectomy (43.82)
New code 68.24 Uterine artery embolization [UAE] with coils
Excludes: that without coils (68.25)

New code 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)

68.4 Total abdominal hysterectomy
Delete exclusion term
Excludes: laparoscopic total abdominal hysterectomy (68.41)

68.49 Other and unspecified total abdominal hysterectomy
Add exclusion term
Excludes: laparoscopic total abdominal hysterectomy (68.41)

Add inclusion term
86.28 Nonexcisional debridement of wound, infection, or burn
  Ultrasonic debridement

86.94 Insertion or replacement of single array neurostimulator pulse generator, not specified as rechargeable
Revise inclusion term
Pulse generator (single array, single channel, single port)
for intracranial, spinal, and peripheral neurostimulator

Revise code title 86.95 Insertion or replacement of dual multiple array neurostimulator pulse generator, not specified as rechargeable
Revise inclusion term
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Revise exclusion term
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--- | ---
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--- | ---
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--- | ---
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