

FY 2006 Final Addenda  
ICD-9-CM Volume 3, Procedures  
Effective October 1, 2005

Tabular List

	00.02	Therapeutic ultrasound of heart
Revise exclusion term		Excludes: ultrasonic angioplasty of coronary vessels ( <del>36.01</del> , <del>36.02</del> , <del>36.05</del> , <u>00.66</u> , 36.09)
New Code	00.18	Infusion of immunosuppressive antibody therapy during induction phase of solid organ transplantation monoclonal antibody therapy polyclonal antibody therapy
Add inclusion term	00.2	Intravascular imaging of blood vessels <u>Intravascular [ultrasound] imaging of blood vessels</u>
Add Note		<u>Note: real-time imaging of lumen of blood vessel(s) using sound waves</u>
Add exclusion term		Excludes: <u>adjunct vascular system procedures, number of vessels treated (00.40 –00.43)</u>
Add exclusion term		<u>diagnostic procedures on blood vessels (38.21 – 38.29)</u>
Add exclusion term		<u>diagnostic ultrasound of peripheral vascular system (88.77)</u>
Add exclusion term		<u>magnetic resonance imaging (MRI) (88.91-88.97)</u>
New subcategory	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 or atherectomy (00.61- 00.62, 00.66, 39.50) 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)

New code	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)
New code	00.41 Procedure on two vessels Excludes: (aorto) coronary bypass (36.10 – 36.19) intravascular imaging of blood vessels (00.21-00.29)
New code	00.42 Procedure on three vessels Excludes: (aorto) coronary bypass (36.10 – 36.19) intravascular imaging of blood vessels (00.21-00.29)
New code	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)
New code	00.45 Insertion of one vascular stent Number of stents, unspecified
New code	00.46 Insertion of two vascular stents
New code	00.47 Insertion of three vascular stents
New code	00.48 Insertion of four or more vascular stents
	00.50 Implantation of cardiac resynchronization pacemaker without mention of defibrillation, total system [CRT-P]
Add inclusion term	<u>That with CRT-P generator and one or more leads</u>
	00.51 Implantation of cardiac resynchronization defibrillator, total system [CRT-D]
Add inclusion term	<u>That with CRT-D generator and one or more leads</u>
	00.55 Insertion of drug-eluting peripheral vessel stent(s)
Revise code also note	Code also <u>any</u> : <del>any angioplasty or atherectomy of other non-coronary vessel(s) (39.50)</del>
Add code also note	<u>angioplasty or atherectomy of other non-coronary vessels(s) (39.50)</u>
Add code also note	<u>number of vascular stents inserted (00.45 – 00.48)</u>
Add code also note	<u>number of vessels treated (00.40 – 00.43)</u>

00.6 Procedures on blood vessels

Delete exclusion term Excludes:  
angioplasty or atherectomy of other non-coronary vessel(s)  
(39.50)  
insertion of coronary artery stent(s) (36.06-36.07)  
insertion of drug-eluting peripheral vessel stent(s) (00.55)  
insertion of non drug-eluting peripheral vessel stent(s) (39.90)

00.61 Percutaneous angioplasty or atherectomy of precerebral (extracranial) vessel(s)

Code also any:

Add code also note number of vascular stents inserted (00.45 – 00.48)  
Add code also note number of vessels treated (00.40 – 00.43)

00.62 Percutaneous angioplasty or atherectomy of intracranial vessel(s)

Code also any:

Add code also note number of vascular stents inserted (00.45 – 00.48)  
Add code also note number of vessels treated (00.40 – 00.43)

00.63 Percutaneous insertion of carotid artery stent(s)

Revise code also note Code also any: percutaneous angioplasty or atherectomy of precerebral vessel(s) (00.61)

Add code also note number of vascular stents inserted (00.45 – 00.48)  
Add code also note number of vessels treated (00.40 – 00.43)  
Add code also note percutaneous angioplasty or atherectomy of precerebral vessel(s)  
(00.61)

Add exclusion term Excludes:  
angioplasty or atherectomy of other non-coronary  
vessel(s) (39.50)  
insertion of drug-eluting peripheral vessel stent(s) (00.55)

00.64 Percutaneous insertion of other precerebral (extracranial) artery stent(s)

Revise code also note Code also any: percutaneous angioplasty or atherectomy of precerebral vessel(s) (00.61)

Add code also note number of vascular stents inserted (00.45 – 00.48)  
Add code also note number of vessels treated (00.40 – 00.43)  
Add code also note percutaneous angioplasty or atherectomy of precerebral vessel(s)  
(00.61)

Add exclusion term Excludes:  
angioplasty or atherectomy of other non-coronary vessel(s) (39.50)  
insertion of drug-eluting peripheral vessel stent(s) (00.55)

00.65 Percutaneous insertion of intracranial vascular stent(s)  
Revise code also note Code also any: percutaneous angioplasty or atherectomy of intracranial vessel(s) (00.62)  
Add code also note number of vascular stents inserted (00.45 – 00.48)  
Add code also note number of vessels treated (00.40 – 00.43)  
Add code also note percutaneous angioplasty or atherectomy of intracranial vessel(s) (00.62)

Excludes:  
Add exclusion term angioplasty or atherectomy of other non-coronary vessel(s) (39.50)  
Add exclusion term insertion of drug-eluting peripheral vessel stent(s) (00.55)

New code 00.66 Percutaneous transluminal coronary angioplasty [PTCA] or coronary atherectomy  
Balloon angioplasty of coronary artery  
Coronary atherectomy  
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)

New subcategory 00.7 Other hip procedures

New code 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 – 00.76)

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)



New subcategory	00.8 Other knee 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.
New code	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)
New code	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)
New code	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)
New code	00.83 Revision of knee replacement, patellar component Excludes: revision of knee replacement, total (all components) (00.80)
New code	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)
New code	01.26 Insertion of catheter into cranial cavity Code also any concomitant procedure (e.g. resection (01.59))
New code	01.27 Removal of catheter from cranial cavity
Revise code Revise code	03.53 Repair of vertebral fracture Excludes: kyphoplasty ( <del>78.49</del> ) (81.66) vertebroplasty ( <del>78.49</del> ) (81.65)

	36	Operations on vessels of heart
Revise code also note	Code also <u>any</u> :	
Revise code also note		<u>any injection or infusion of platelet inhibitor (99.20)</u>
Add code also note		<u>injection or infusion of thrombolytic agent (99.10)</u>
Delete code	36.01	<del>Single vessel percutaneous transluminal coronary angioplasty [PTCA] or coronary atherectomy without mention of thrombolytic agent</del>
Delete inclusion term		<del>Balloon angioplasty of coronary artery</del>
Delete inclusion term		<del>Coronary atherectomy</del>
Delete inclusion term		<del>Percutaneous coronary angioplasty NOS</del>
Delete inclusion term		<del>PTCA NOS</del>
Delete code also note		<del>Code also any insertion of coronary stent(s) (36.06)</del>
Delete exclusion term		<del>Excludes: multiple vessel percutaneous transluminal coronary angioplasty [PTCA] or coronary atherectomy performed during the same operation (36.05)</del>
Delete code	36.02	<del>Single vessel percutaneous transluminal coronary angioplasty [PTCA] or coronary atherectomy with mention of thrombolytic agent</del>
Delete inclusion term		<del>Balloon angioplasty of coronary artery with infusion of thrombolytic agent [streptokinase]</del>
Delete inclusion term		<del>Coronary atherectomy</del>
Delete exclusion term		<del>Excludes: multiple vessel percutaneous transluminal coronary angioplasty [PTCA] or coronary atherectomy performed during the same operation (36.05)</del>
Delete exclusion term		<del>single vessel PTCA or coronary atherectomy without mention of thrombolytic agent (36.01)</del>
Delete code also note		<del>Code also any insertion of coronary stent(s) (36.06)</del>
Revise code also note	36.03	Open chest coronary artery angioplasty
Add code also note		Code also <u>any</u> : <u>insertion of coronary stent(s) (36.06)</u>
Add code also note		<u>insertion of drug-eluting coronary stent(s) (36.07)</u>
Add code also note		<u>insertion of non-drug-eluting coronary stent(s) (36.06)</u>
Add code also note		<u>number of vascular stents inserted (00.45 – 00.48)</u>
Add code also note		<u>number of vessels treated (00.40 – 00.43)</u>
Revise exclusion term	36.04	Intracoronary artery thrombolytic infusion
		Excludes:
		that associated with any procedure in <del>36.02</del> , <u>00.66</u> , 36.03

Delete code	36.05 <del>Multiple vessel percutaneous transluminal coronary angioplasty [PTCA] or coronary atherectomy performed during the same operation, with or without mention of thrombolytic agent</del>
Delete inclusion term	Balloon angioplasty of multiple coronary arteries
Delete inclusion term	Coronary atherectomy
Delete code also note	Code also any:
Delete code also note	<del>intracoronary artery thrombolytic infusion (36.04)</del>
Delete code also note	<del>insertion of coronary stent(s) (36.06)</del>
Delete exclusion term	<del>Excludes: single vessel PTCA or coronary atherectomy without mention of thrombolytic agent (36.01)</del>
Delete exclusion term	<del>with mention of thrombolytic agent (36.02)</del>
	36.06 Insertion of non-drug-eluting coronary artery stent(s)
	Code also any:
Add code also note	<u>number of vascular stents inserted (00.45 – 00.48)</u>
Add code also note	<u>number of vessels treated (00.40 – 00.43)</u>
Revise code also note	percutaneous transluminal coronary angioplasty [PTCA] or coronary atherectomy ( <del>36.01, 36.02, 36.05</del> <u>00.66</u> )
	36.07 Insertion of drug-eluting coronary artery stent(s)
	Code also any:
Add code also note	<u>number of vascular stents inserted (00.45 – 00.48)</u>
Add code also note	<u>number of vessels treated (00.40 – 00.43)</u>
Revise code also note	percutaneous transluminal coronary angioplasty [PTCA] or coronary atherectomy ( <del>36.01, 36.02, 36.05</del> <u>00.66</u> )
	36.09 Other removal of coronary artery obstruction
Add code also note	<u>Code also any:</u>
Add code also note	<u>number of vascular stents inserted (00.45 – 00.48)</u>
Add code also note	<u>number of vessels treated (00.40 – 00.43)</u>
	Excludes:
Revise exclusion term	that by percutaneous transluminal coronary angioplasty [PTCA] or coronary atherectomy ( <del>36.01, 36.02, 36.05</del> <u>00.66</u> )
	36.1 Bypass anastomosis for heart revascularization
Add note	<u>Note: Do not assign codes from series 00.40 – 00.43 with codes from series 36.10-36.19</u>
New category	37.4 <u>Repair of heart and pericardium</u>

New code	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)
New code	37.49	Other repair of heart and pericardium
Add exclusion term	37.6	Implantation of heart and circulatory assist system <u>Excludes: implantation of prosthetic cardiac support system (37.41)</u>
Revise code title	37.7	Insertion, revision, replacement, and removal of pacemaker leads; insertion of temporary pacemaker system; or revision of <u>cardiac device pocket</u>
Revise code title Add inclusion term	37.79	Revision or relocation of <del>pacemaker</del> <u>cardiac device pocket</u> <u>Revision or relocation of pacemaker, defibrillator, or other implanted cardiac device pocket</u>
Add exclusion term	37.99	Other Excludes: <u>implantation of prosthetic cardiac support device (37.41)</u>
Add code also note Add code also note Add code also note	38.1	Endarterectomy <u>Code also any:</u> <u>number of vascular stents inserted (00.45 – 00.48)</u> <u>number of vessels treated (00.40 – 00.43)</u>
Add exclusion term	38.2	Diagnostic procedures on blood vessels <u>Excludes:</u> <u>adjunct vascular system procedures (00.40 – 00.43)</u>

	39.50	Angioplasty or atherectomy of other non-coronary vessel(s) Code also any:
Add code also note		<u>number of vascular stents inserted (00.45 – 00.48)</u>
Add code also note		<u>number of vessels treated (00.40 – 00.43)</u>
Delete code also note		<del>percutaneous insertion of carotid artery stent(s) (00.63)</del>
New code	39.73	Endovascular implantation of graft in thoracic aorta Endograft(s) Endovascular graft(s) Endovascular repair of defect of thoracic aorta with graft(s) or device(s) Stent graft(s) or device(s) That for repair of aneurysm, dissection, or injury Excludes: fenestration of dissecting aneurysm of thoracic aorta (39.54)
	39.79	Other endovascular repair (of aneurysm) of other vessels Excludes:
Add exclusion term		<u>endovascular implantation of graft in thoracic aorta (39.73)</u>
	39.90	Insertion of non-drug-eluting peripheral vessel stent(s) Code also any:
Add code also note		<u>number of vascular stents inserted (00.45 – 00.48)</u>
Add code also note		<u>number of vessels treated (00.40 – 00.43)</u>
	77.8	Other partial ostectomy Excludes:
Revise exclusion term		excision of head of femur with synchronous replacement ( <u>00.70-00.73,</u> 81.51-81.53)
Revise title	78.1	Application of external <del>fixator</del> <del>fixation</del> device
Revise inclusion term		<del>Mini</del> Fixator with insertion of pins/wires/screws into bone
Add code also note		<u>Code also any type of fixator device, if known (84.71- 84.73)</u>
	79	Reduction of fracture and dislocation Code also any:
Revise code also note		<u>application of external fixator <del>fixation</del> device (78.10-78.19)</u>
Revise code also note		<u>type of fixator device, if known (84.71-84.73)</u>
Add code also note		

Delete inclusion term	80.0	Arthrotomy for removal of prosthesis
Add code also note		<del>Includes: Cement spacer</del>
Add code also note		<u>Code also any:</u>
Add code also note		<u>insertion of (cement)(joint) spacer (84.56)</u>
		<u>removal of (cement)(joint) spacer (84.57)</u>
	81.0	Spinal fusion
Delete code also note		<del>Code also any 360 degree spinal fusion by a single incision (81.61)</del>
	81.06	Lumbar and lumbosacral fusion, anterior technique
Add inclusion term		<u>Anterior lumbar interbody fusion (ALIF)</u>
	81.08	Lumbar and lumbosacral fusion, posterior technique
Add inclusion term		<u>Posterior lumbar interbody fusion (PLIF)</u>
Add inclusion term		<u>Transforaminal lumbar interbody fusion (TLIF)</u>
Revise category title	81.1	Arthrodesis <u>and arthroereisis</u> of foot and ankle
	81.13	Subtalar fusion
Add exclusion term		<u>Excludes: arthroereisis (81.18)</u>
New code	81.18	Subtalar joint arthroereisis
	81.3	Refusion of spine
Delete code also note		<del>Code also any 360 degree spinal refusion by a single incision (81.61)</del>
	81.36	Refusion of lumbar and lumbosacral spine, anterior technique
Add inclusion term		<u>Anterior lumbar interbody fusion (ALIF)</u>
	81.38	Refusion of lumbar and lumbosacral spine, posterior technique
Add inclusion term		<u>Posterior lumbar interbody fusion (PLIF)</u>
Add inclusion term		<u>Transforaminal lumbar interbody fusion (TLIF)</u>
	81.51	Total hip replacement
Add code also note		<u>Code also any type of bearing surface, if known (00.74 – 00.76)</u>

Add code also note	81.52	Partial hip replacement <u>Code also any type of bearing surface, if known (00.74 – 00.76)</u>
Revise code title	81.53	Revision of hip replacement, <u>not otherwise specified</u>
Delete inclusion term		<del>Partial</del>
Delete inclusion term		<del>Total</del>
Add inclusion term		<u>Revision of hip replacement, not specified as to components(s) replaced, (acetabular, femoral or both)</u>
Add code also note		<u>Code also any:</u>
Add code also note		<u>removal of (cement)(joint) spacer (84.57)</u>
Add code also note		<u>type of bearing surface, if known (00.74 – 00.76)</u>
Add exclusion term		<u>Excludes:</u> <u>revision of hip replacement, components specified (00.70-00.73)</u>
Revise code title	81.55	Revision of knee replacement, <u>not otherwise specified</u>
Add code also note		<u>Code also any removal of (cement) spacer (84.57)</u>
Add exclusion term		<u>Excludes:</u> <u>revision of knee replacement, components specified (00.80-00.84)</u>
Delete code	<del>81.61</del>	<del>360 degree spinal fusion, single incision approach</del>  <del>That by a single incision but fusing or refusing both anterior and posterior spine</del> <del>Code also refusion of spine (81.30 – 81.39)</del> <del>Code also spinal fusion (81.00 – 81.08)</del>
New code	84.56	Insertion of (cement) spacer Insertion of joint spacer
New code	84.57	Removal of (cement) spacer Removal of joint spacer
New code	84.58	Implantation of interspinous process decompression device Excludes: fusion of spine (81.00-81.08, 81.30-81.39)
New subcategory	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)

New code	84.71	Application of external fixator device, monoplanar system Excludes: other hybrid device or system (84.73) ring device or system (84.72)
New code	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)
New Code	84.73	Application of hybrid 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)
Delete inclusion term	86.09	Other incision of skin and subcutaneous tissue <del>Creation of loop recorder pocket, new site and insertion/relocation of device</del>
Delete inclusion term		<del>Creation of pocket for implantable, patient-activated cardiac event recorder and insertion/relocation of device</del>
Add exclusion term		Excludes: <u>creation of loop recorder pocket, new site and insertion/relocation of device (37.79)</u>
Add exclusion term		<u>creation of pocket for implantable, patient-activated cardiac event recorder and insertion/relocation of device (37.79)</u>
Add exclusion term		<u>removal of catheter from cranial cavity (01.27)</u>
Revise code title	86.94	Insertion or replacement of single array neurostimulator pulse generator, <u>not specified as rechargeable</u>
Add exclusion term		<u>Excludes: insertion or replacement of single array rechargeable neurostimulator pulse generator (86.97)</u>
Revise code title	86.95	Insertion or replacement of dual array neurostimulator pulse generator, <u>not specified as rechargeable</u>
Add exclusion term		<u>Excludes: insertion or replacement of dual array rechargeable neurostimulator pulse generator (86.98)</u>

86.96 Insertion or replacement of other neurostimulator pulse generator

Excludes:

Revise exclusion term insertion of dual array neurostimulator pulse generator (86.95, 86.98)  
Revise exclusion term insertion of single array neurostimulator pulse generator (86.94, 86.97)

New code 86.97 Insertion or replacement of single array rechargeable neurostimulator pulse generator

Rechargeable pulse generator (single array, single channel)  
for intracranial, spinal, and peripheral neurostimulator

Code also any associated lead implantation (02.93,03.93,04.92)

New code 86.98 Insertion or replacement of dual array rechargeable neurostimulator pulse generator

Rechargeable pulse generator (dual array, dual channel)  
for intracranial, spinal, and peripheral neurostimulator

Code also any associated lead implantation (02.93,03.93,04.92)

Add exclusion term 88.77 Diagnostic ultrasound of peripheral vascular system

Excludes:

adjunct vascular system procedures (00.40 – 00.43)

New code 92.20 Infusion of liquid brachytherapy radioisotope  
I-125 radioisotope  
Intracavitary brachytherapy  
Includes: removal of radioisotope

Add exclusion term 92.27 Implantation or insertion of radioactive elements

Excludes:

Add exclusion term infusion of liquid brachytherapy radioisotope (92.20)

Add exclusion term 92.28 Injection or instillation of radioisotopes

Excludes:

Add exclusion term infusion of liquid brachytherapy radioisotope (92.20)

	93.5 Other immobilization, pressure, and attention to wound
	Excludes:
Add exclusion term	<u>external fixator device (84.71-84.73)</u>
	99.10 Injection or infusion of thrombolytic agent
	Excludes:
Delete exclusion term	<del>single vessel percutaneous transluminal coronary angioplasty [PTCA] or coronary atherectomy with mention of thrombolytic agent (36.02)</del>
Index	
	Aneurysmorrhaphy NEC 39.52
	by or with
	endovascular graft
Revise code	thoracic aorta <del>39.79</del> <u>39.73</u>
Add note	Angioplasty (laser) – <i>see also</i> Repair, blood vessel <u>Note: Also use 00.40, 00.41, 00.42, or 00.43 to show the total number of vessels treated. In addition, use 00.45, 00.46, 00.47, or 00.48 to show the number of vascular stents inserted.</u>
	balloon
Revise subterm	coronary artery ( <del>single vessel</del> ) <del>36.01–00.66</del>
Delete subterm	<del>with thrombolytic agent infusion 36.02</del>
Delete subterm	<del>multiple vessels 36.05</del>
	coronary 36.09
Revise subterm	percutaneous transluminal (balloon) ( <del>single vessel</del> ) <del>36.01–00.66</del>
Delete subterm	<del>with thrombolytic agent infusion 36.02</del>
	<del>multiple vessel 36.05</del>
Revise subterm	percutaneous transluminal (balloon) ( <del>single vessel</del> )
Revise subterm	coronary (balloon) ( <del>single vessel</del> ) <del>36.01–00.66</del>
Delete subterm	<del>with thrombolytic agent infusion (36.02</del>
Delete subterm	<del>multiple vessels 36.05</del>
	Application
Revise subterm	bone morphogenetic protein ( <u>Infuse™</u> )( <u>OP-1™</u> ) (recombinant)(rhBMP) 84.52
Revise subterm	<del>external fixation</del> <u>fixator device (bone) 78.10</u>
Add subterm	<u>hybrid device or system 84.73</u>
Add subterm	<u>Ilizarov type 84.72</u>

Add subterm	<u>monoplanar system or device 84.71</u>
Add subterm	<u>ring device or system 84.72</u>
Add subterm	<u>Sheffield type 84.72</u>
	Arthrodesis (compression) (extra-articular) (intra-articular) (with bone graft) (with fixation device)
	lumbosacral, lumbar NEC 81.08
Add subterm	<u>ALIF (anterior lumbar interbody fusion) 81.06</u>
Add subterm	<u>PLIF (posterior lumbar interbody fusion) 81.08</u>
Add subterm	<u>TLIF (transforaminal lumbar interbody fusion) 81.08</u>
Add term	<u>Arthroereisis, subtalar joint 81.18</u>
Add term	<u>Bearing surface, hip replacement</u>
Add subterm	<u>ceramic-on-ceramic 00.76</u>
Add subterm	<u>metal-on-metal 00.75</u>
Add subterm	<u>metal on polyethylene 00.74</u>
Add term	<u>Cardiac support device (CSD) 37.41</u>
Revise term	Cardiorrhaphy <del>37.4</del> <u>37.49</u>
	Closure – <i>see also</i> Repair
	fistula
Revise subterm	pleuropericardial <del>37.4</del> <u>37.49</u>
Add term	<u>CorCap™ 37.41</u>
	Creation - <i>see also</i> Formation
Revise subterm	cardiac <u>device (defibrillator) (pacemaker) pocket</u>
Revise subterm	with initial insertion of <del>pacemaker</del> <u>cardiac device</u> – <i>omit code</i>
	pocket
Revise subterm	cardiac <u>device (defibrillator) (pacemaker)</u>
Revise subterm	with initial insertion of <del>pacemaker</del> <u>cardiac device</u> – <i>omit code</i>
Revise code	loop recorder <del>86.09</del> <u>37.79</u>

	Debridement
Add subterm	<u>bursa 83.5</u>
Add subterm	<u>fascia 83.39</u>
Add term	<u>Device</u>
Add subterm	<u>CorCap™ 37.41</u>
Add subterm	<u>external fixator – see Fixator, external</u>
	Endarterectomy (gas)(with patch graft) 38.10
	head and neck (open) NEC 38.12
Add note	<i><u>Note: Also use 00.40, 00.41, 00.42, or 00.43 to show the total number of vessels treated. In addition, use 00.45, 00.46, 00.47, or 00.48 to show the number of vascular stents inserted.</u></i>
	intracranial (open) NEC 38.11
Delete subterm	<u>percutaneous approach, precerebral (extracranial) vessel(s) 00.61</u>
Add note	<i><u>Note: Also use 00.40, 00.41, 00.42, or 00.43 to show the total number of vessels treated. In addition, use 00.45, 00.46, 00.47, or 00.48 to show the number of vascular stents inserted</u></i>
	Endoaneurysmorrhaphy ( <i>see also</i> Aneurysmorrhaphy) 39.52
	by or with
	endovascular graft
Revise code	thoracic aorta <del>39.79</del> <u>39.73</u>
	Fixation
	bone
	external, without reduction 93.59
Add subterm	<u>external fixator – see Fixator, external</u>
Add subterm	<u>cervical collar 93.52</u>
Add subterm	<u>plaster jacket 93.51</u>
Add subterm	<u>other cast 93.53</u>
Add subterm	<u>splint 93.54</u>
Add term	<u>Fixator, external</u>
Add subterm	<u>hybrid device or system 84.73</u>
Add subterm	<u>Ilizarov type 84.72</u>
Add subterm	<u>monoplanar system 84.71</u>
Add subterm	<u>ring device or system 84.72</u>
Add subterm	<u>Sheffield type 84.72</u>

	Formation
Revise subterm	cardiac <u>device (defibrillator) (pacemaker) pocket</u>
Revise subterm	with initial insertion of <del>pacemaker</del> <u>cardiac device</u> – <i>omit code</i>
	pocket
Revise subterm	cardiac <u>device (defibrillator) (pacemaker)</u>
Revise subterm	with initial insertion of <del>pacemaker</del> <u>cardiac device</u> – <i>omit code</i>
Add subterm	<u>loop recorder</u> <u>37.79</u>
	Fusion
	spinal (with graft)(with internal fixation)(with instrumentation) 81.00
Delete subterm	<del>360 degree</del> <del>81.61</del>
Add subterm	<u>anterior lumbar interbody fusion (ALIF)</u> 81.06
Add subterm	<u>posterior lumbar interbody fusion (PLIF)</u> 81.08
Add subterm	<u>transforaminal lumbar interbody fusion (TLIF)</u> 81.08
	Girdlestone operation
Revise subterm	resection of femoral head and neck ( <u>without insertion of joint prosthesis</u> ) 77.85
Add subterm	<u>with replacement prosthesis</u> - <i>see</i> <u>Implant, joint, hip</u>
Add subterm	<u>resection of hip prosthesis</u> 80.05
Add subterm	<u>with replacement prosthesis</u> - <i>see</i> <u>Implant, joint, hip</u>
	Graft, grafting
	aneurysm 39.52
	endovascular
Revise code	thoracic aorta <del>39.79</del> <u>39.73</u>
	Implant, implantation
Revise subterm	bone morphogenetic protein ( <u>Infuse™</u> ) ( <u>OP-1™</u> )(recombinant) (rhBMP) 84.52
	cardiac resynchronization device
Revise subterm	defibrillator (CRT-D) ( <u>device and one or more leads</u> ) (total system) 00.51
Revise subterm	pacemaker (CRT-P) ( <u>device and one or more leads</u> ) (total system) 00.50
Add subterm	<u>cardiac support device (CSD)</u> 37.41
Add subterm	<u>CorCap™</u> 37.41
Revise subterm	CRT-D (cardiac resynchronization defibrillator) ( <u>device and one or more leads</u> ) 00.51

Revise subterm	CRT-P (cardiac resynchronization pacemaker) ( <u>device and one or more leads</u> ) 00.50
	device
Add subterm	<u>cardiac support device (CSD)</u> 37.41
Add subterm	<u>CorCap™</u> 37.41
Add subterm	<u>epicardial support device</u> 37.41
Add subterm	<u>prosthetic cardiac support device</u> 37.41
Add subterm	<u>ventricular support device</u> 37.41
	heart
Add subterm	<u>cardiac support device (CSD)</u> 37.41
Add subterm	<u>CorCap™</u> 37.41
Add subterm	<u>epicardial support device</u> 37.41
Add subterm	<u>prosthetic cardiac support device</u> 37.41
Add subterm	<u>ventricular support device</u> 37.41
	joint (prosthesis) (silastic) (Swanson type) NEC 81.96
	femoral (bipolar endoprosthesis) 81.52
Add subterm	<u>revision NOS</u> 81.53
Add subterm	<u>acetabular and femoral components (total)</u> 00.70
Add subterm	<u>acetabular component only</u> 00.71
Add subterm	<u>acetabular liner and/or femoral head only</u> 00.73
Add subterm	<u>femoral component only</u> 00.72
Add subterm	<u>femoral head only and/or acetabular liner</u> 00.73
Add subterm	<u>total (acetabular and femoral components)</u> 00.70
	hip (partial) 81.52
Revise subterm	revision <u>NOS</u> 81.53
Add subterm	<u>acetabular and femoral components (total)</u> 00.70
Add subterm	<u>acetabular component only</u> 00.71
Add subterm	<u>acetabular liner and/or femoral head only</u> 00.73
Add subterm	<u>femoral component only</u> 00.72
Add subterm	<u>femoral head only and/or acetabular liner</u> 00.73
Add subterm	<u>partial</u>
Add subterm	<u>acetabular component only</u> 00.71
Add subterm	<u>acetabular liner and/or femoral head only</u> 00.73
Add subterm	<u>femoral component only</u> 00.72
Add subterm	<u>femoral head only and/or acetabular liner</u> 00.73
Add subterm	<u>total (acetabular and femoral components)</u> 00.70
	total 81.51
Revise subterm	revision ( <u>acetabular and femoral components</u> ) 00.70
	81.53
	knee (partial) (total) 81.54
Revise subterm	revision <u>NOS</u> 81.55
Add subterm	<u>femoral component</u> 00.82

Add subterm	<u>partial</u>
Add subterm	<u>femoral component 00.82</u>
Add subterm	<u>patellar component 00.83</u>
Add subterm	<u>tibial component 00.81</u>
Add subterm	<u>tibial insert 00.84</u>
Add subterm	<u>patellar component 00.83</u>
Add subterm	<u>tibial component 00.81</u>
Add subterm	<u>tibial insert 00.84</u>
Add subterm	<u>total (all components) 00.80</u>
	neurostimulator
	pulse generator 86.96
	dual array 86.95
Add subterm	<u>rechargeable 86.98</u>
	single array 86.94
Add subterm	<u>rechargeable 86.97</u>
	pacemaker
	cardiac (device) (initial) (permanent) (replacement) 37.80
	resynchronization device (CRT-P)
Revise subterm	total system <u>(device and one or more leads) 00.50</u>
	prosthesis, prosthetic device
Add subterm	<u>cardiac support device (CSD) (CorCap™) 37.41</u>
	femoral head (Austin-Moore) (bipolar) (Eicher) (Thompson) 81.52
Add subterm	<u>revision NOS 81.53</u>
Add subterm	<u>acetabular and femoral components (total) 00.70</u>
Add subterm	<u>acetabular component only 00.71</u>
Add subterm	<u>acetabular liner and/or femoral head only 00.73</u>
Add subterm	<u>femoral component only 00.72</u>
Add subterm	<u>femoral head only and/or acetabular liner 00.73</u>
Add subterm	<u>partial</u>
Add subterm	<u>acetabular component only 00.71</u>
Add subterm	<u>acetabular liner and/or femoral head only 00.73</u>
Add subterm	<u>femoral component only 00.72</u>
Add subterm	<u>femoral head only and/or acetabular liner 00.73</u>
Add subterm	<u>total (acetabular and femoral components) 00.70</u>
	joint (Swanson type) NEC 81.96
	hip (partial) 81.52
Add subterm	<u>revision NOS 81.53</u>
Add subterm	<u>acetabular and femoral components (total) 00.70</u>

Add subterm acetabular component only 00.71  
 Add subterm acetabular liner and/or femoral head only 00.73  
 Add subterm femoral component only 00.72  
 Add subterm femoral head only and/or acetabular liner 00.73  
 Add subterm partial  
 Add subterm acetabular component only 00.71  
 Add subterm acetabular liner and/or femoral head only 00.73  
 Add subterm femoral component only 00.72  
 Add subterm femoral head only and/or acetabular liner 00.73  
 Add subterm total (acetabular and femoral components) 00.70  
 total 81.51  
 Add subterm revision (acetabular and femoral components) 00.70

knee (partial) (total) 81.54  
 revision NOS 81.55  
 Add subterm femoral component 00.82  
 Add subterm partial  
 Add subterm femoral component 00.82  
 Add subterm patellar component 00.83  
 Add subterm tibial component 00.81  
 Add subterm tibial insert 00.84  
 Add subterm patellar component 00.83  
 Add subterm tibial component 00.81  
 Add subterm tibial insert 00.84  
 Add subterm total (all components) 00.80

Add subterm spine NEC 84.59  
 Add subterm interspinous process decompression device 84.58

Infusion (intra-arterial)(intravenous)  
 Add subterm immunosuppressive antibody therapy 00.18  
 Add subterm radioisotope (liquid brachytherapy) (liquid I-125) 92.20  
 thrombolytic agent (enzyme) (streptokinase) 99.10  
 with percutaneous transluminal angioplasty  
 Add note Note: Also use 00.40, 00.41, 00.42, or 00.43 to show the total number of vessels treated.  
 Revise subterm coronary (~~single vessel~~) ~~36.02~~ 00.66  
 Delete subterm ~~multiple vessels 36.05~~

Injection (into)(hypodermically)(intramuscularly)  
 (intravenously)(acting locally or systemically)  
 thrombolytic agent (enzyme) (streptokinase) 99.10  
 with percutaneous transluminal angioplasty  
 Add note Note: Also use 00.40, 00.41, 00.42, or 00.43 to show the

	<i>total number of vessels treated.</i>
Revise subterm	coronary ( <del>single vessel</del> ) <del>36.02</del> <u>00.66</u>
Delete subterm	<del>multiple vessels 36.05</del>
	Insertion
Revise subterm	bone morphogenetic protein ( <u>Infuse™</u> ) ( <u>OP-1™</u> )(recombinant) (rhBMP) 84.52
	cardiac resynchronization device
Revise subterm	defibrillator (CRT-D) (total system) ( <u>device and one or more leads</u> ) 00.51
Revise subterm	pacemaker (CRT-P) (total system) ( <u>device and one or more leads</u> ) 00.50
Add subterm	cardiac support device (CSD) ( <u>CorCap™</u> ) 37.41
	carotid artery stent(s) (stent graft) 00.63
Add note	<i><u>Note: Also use 00.40, 00.41, 00.42, or 00.43 to show the total number of vessels treated. In addition, use 00.45, 00.46, 00.47, or 00.48 to show the number of vascular stents inserted.</u></i>
	catheter
Add subterm	<u>cranial cavity 01.26</u>
Add subterm	<u>CorCap™ 37.41</u>
	coronary (artery)
Add note	<i><u>Note: Also use 00.40, 00.41, 00.42, or 00.43 to show the total number of vessels treated. In addition, use 00.45, 00.46, 00.47, or 00.48 to show the number of vascular stents inserted.</u></i>
Revise subterm	CRT-D (cardiac resynchronization defibrillator) ( <u>device and one or more leads</u> ) 00.51
Revise subterm	CRT-P (cardiac resynchronization pacemaker) ( <u>device and one or more leads</u> ) 00.50
	device
Add subterm	<u>cardiac support device (CSD) 37.41</u>
Add subterm	<u>CorCap™ 37.41</u>
Add subterm	<u>epicardial support device 37.41</u>
Add subterm	<u>prosthetic cardiac support device 37.41</u>
Add subterm	<u>ventricular support device 37.41</u>

Add subterm	endograft(s), endovascular graft(s)
Add subterm	<u>endovascular, abdominal aorta 39.71</u>
	<u>endovascular, thoracic aorta 39.73</u>
	heart
Add subterm	<u>cardiac support device (CSD) 37.41</u>
Add subterm	<u>CorCap™ 37.41</u>
Add subterm	<u>epicardial support device 37.41</u>
Add subterm	<u>prosthetic cardiac support device 37.41</u>
Add subterm	<u>ventricular support device 37.41</u>
	hip prosthesis (partial) 81.52
Revise subterm	revision <u>NOS 81.53</u>
Add subterm	<u>acetabular and femoral components (total) 00.70</u>
Add subterm	<u>acetabular component only 00.71</u>
Add subterm	<u>acetabular liner and/or femoral head only 00.73</u>
Add subterm	<u>femoral component only 00.72</u>
Add subterm	<u>femoral head only and/or acetabular liner 00.73</u>
Add subterm	<u>partial</u>
Add subterm	<u>acetabular component only 00.71</u>
Add subterm	<u>acetabular liner and/or femoral head only 00.73</u>
Add subterm	<u>femoral component only 00.72</u>
Add subterm	<u>femoral head only and/or acetabular liner 00.73</u>
Add subterm	<u>total (acetabular and femoral components) 00.70</u>
	total 81.51
Revise subterm	revision <u>81.53</u>
Add subterm	<u>acetabular and femoral components (total) 00.70</u>
Add subterm	<u>total (acetabular and femoral components) 00.70</u>
	knee prosthesis (partial (total) 81.54
Add subterm	<u>revision NOS 81.55</u>
Add subterm	<u>femoral component 00.82</u>
Add subterm	<u>partial</u>
Add subterm	<u>femoral component 00.82</u>
Add subterm	<u>patellar component 00.83</u>
Add subterm	<u>tibial component 00.81</u>
Add subterm	<u>tibial insert 00.84</u>
Add subterm	<u>patellar component 00.83</u>
Add subterm	<u>tibial component 00.81</u>
Add subterm	<u>tibial insert 00.84</u>
Add subterm	<u>total (all components) 00.80</u>

Revise code                    loop recorder ~~86.09~~ 37.79

non-coronary vessel  
stent(s) (stent graft)  
Add note                    Note: Also use 00.40, 00.41, 00.42, or 00.43 to show the total number of vessels treated. In addition, use 00.45, 00.46, 00.47, or 00.48 to show the number of vascular stents inserted.

pacemaker  
cardiac (device) (initial) (permanent) (replacement) 37.80  
resynchronization (CRT-P) (device)  
Revise subterm                total system (device and one or more leads) 00.50

prosthesis, prosthetic device  
acetabulum (partial) 81.52  
Add subterm                    hip 81.52  
Add subterm                    revision NOS 81.53  
Add subterm                    acetabular and femoral components (total) 00.70  
Add subterm                    acetabular component only 00.71  
Add subterm                    acetabular liner and/or femoral head only 00.73  
Add subterm                    femoral component only 00.72  
Add subterm                    femoral head only and/or acetabular liner 00.73  
Add subterm                    partial  
Add subterm                    acetabular component only 00.71  
Add subterm                    acetabular liner and/or femoral head only 00.73  
Add subterm                    femoral component only 00.72  
Add subterm                    femoral head only and/or acetabular liner 00.73  
Add subterm                    total (acetabular and femoral components) 00.70

Add subterm                    cardiac support device (CSD) (CorCap™) 37.41

hip (partial) 81.52  
revision NOS 81.53  
Revise subterm                acetabular and femoral components (total) 00.70  
Add subterm                    acetabular component only 00.71  
Add subterm                    acetabular liner and/or femoral head only 00.73  
Add subterm                    femoral component only 00.72  
Add subterm                    femoral head only and/or acetabular liner 00.73  
Add subterm                    partial  
Add subterm                    acetabular component only 00.71  
Add subterm                    acetabular liner and/or femoral head only 00.73  
Add subterm                    femoral component only 00.72

Add subterm femoral head only and/or acetabular liner 00.73  
 Add subterm total (acetabular and femoral components) 00.70  
 total 81.51  
 Revise subterm revision ~~81.53~~  
 Add subterm acetabular and femoral components (total) 00.70  
 Add subterm total (acetabular and femoral components) 00.70

Revised subterm knee (partial (total) 81.54  
 revision NOS 81.55  
 Add subterm femoral component 00.82  
 Add subterm partial  
 Add subterm femoral component 00.82  
 Add subterm patellar component 00.83  
 Add subterm tibial component 00.81  
 Add subterm tibial insert 00.84  
 Add subterm patellar component 00.83  
 Add subterm tibial component 00.81  
 Add subterm tibial insert 00.84  
 Add subterm total (all components) 00.80

Revised subterm spacer (cement) (joint) in joint—see category 80.0 84.56

spine  
 Add subterm interspinous process decompression device 84.58

stent(s) (stent graft)  
 artery (bare) (bonded) (drug-coated) (non-drug-eluting)  
 Add note Note: Also use 00.40, 00.41, 00.42, or 00.43 to show the total number of vessels treated. In addition, use 00.45, 00.46, 00.47, or 00.48 to show the number of vascular stents inserted.

coronary (artery) (bare) (bonded) (drug-coated) (non-drug-eluting) 36.06  
 Add note Note: Also use 00.40, 00.41, 00.42, or 00.43 to show the total number of vessels treated. In addition, use 00.45, 00.46, 00.47, or 00.48 to show the number of vascular stents inserted.

non-coronary vessel  
 Add note Note: Also use 00.40, 00.41, 00.42, or 00.43 to show the total number of vessels treated. In addition, use

00.45, 00.46, 00.47, or 00.48 to show the number of vascular stents inserted.

peripheral 39.90  
Add note Note: Also use 00.40, 00.41, 00.42, or 00.43 to show the total number of vessels treated. In addition, use 00.45, 00.46, 00.47, or 00.48 to show the number of vascular stents inserted.

precerebral 00.64  
Add note Note: Also use 00.40, 00.41, 00.42, or 00.43 to show the total number of vessels treated. In addition, use 00.45, 00.46, 00.47, or 00.48 to show the number of vascular stents inserted.

subclavian 39.90  
Add note Note: Also use 00.40, 00.41, 00.42, or 00.43 to show the total number of vessels treated. In addition, use 00.45, 00.46, 00.47, or 00.48 to show the number of vascular stents inserted.

vertebral 00.64  
Add note Note: Also use 00.40, 00.41, 00.42, or 00.43 to show the total number of vessels treated. In addition, use 00.45, 00.46, 00.47, or 00.48 to show the number of vascular stents inserted.

Revise code Latzko operation  
colpocleisis ~~70.4~~ 70.8

Revise subterm Operation  
Girdlestone  
resection of femoral head and neck (without insertion of joint prosthesis)  
77.85  
Add subterm with replacement prosthesis - see Implant, joint, hip  
Add subterm resection of hip prosthesis 80.05  
Add subterm with replacement prosthesis - see Implant, joint, hip

Revise code Pericardioplasty ~~37.4~~ 37.49

Revise code Pericardiorrhaphy ~~37.4~~ 37.49

Refusion

spinal, NOS 81.30  
lumbar, lumbosacral NEC 81.38  
Add subterm anterior lumbar interbody fusion (ALIF) 81.36  
Add subterm posterior lumbar interbody fusion (PLIF) 81.38  
Add subterm transforaminal lumbar interbody fusion (TLIF) 81.38

Relocation – *see also* Revision

Revise subterm cardiac device (CRT-D) (CRT-P) (defibrillator) (pacemaker)  
pocket, new site (skin) (subcutaneous) 37.79  
Revise code CRT-D pocket ~~37.99~~ 37.79

Removal– *see also* Excision

catheter (indwelling) - *see also* Removal, tube  
Add subterm cranial cavity 01.27  
coronary artery obstruction (thrombus) 36.09  
Revise subterm percutaneous transluminal (balloon) (~~single vessel~~) ~~36.01-00.66~~  
Add note *Note: Also use 00.40, 00.41, 00.42, or 00.43 to show the total number of vessels treated. In addition, use 00.45, 00.46, 00.47, or 00.48 to show the number of vascular stents inserted.*  
Delete subterm ~~with thrombolytic agent infusion 36.02~~  
Delete subterm ~~multiple vessels 36.05~~

device (therapeutic) NEC 97.89

Add subterm spine 80.09

neurostimulator

pulse generator (single array, dual array) 86.05  
with synchronous replacement 86.96  
dual array 86.95  
Add subterm rechargeable 86.98  
single array 86.94  
Add subterm rechargeable 86.97

Add subterm spacer (cement) (joint) 84.57

tube

Add subterm cranial cavity 01.27

	Repair
	aneurysm (false)(true) 39.52
	by or with
Revise code	endovascular graft 39.79
	thoracic aorta <del>39.79</del> <u>39.73</u>
	artery NEC 39.59
	by
	endovascular approach
Add subterm	<u>abdominal aorta 39.71</u>
	percutaneous repair of intracranial vessel(s) (for
	stent insertion) 00.62
Add note	<i><u>Note: Also use 00.40, 00.41, 00.42, or 00.43 to show the total number of vessels treated. In addition, use 00.45, 00.46, 00.47, or 00.48 to show the number of vascular stents inserted.</u></i>
	percutaneous repair of precerebral (extracranial)
	vessel(s) (for stent insertion) 00.61
Add note	<i><u>Note: Also use 00.40, 00.41, 00.42, or 00.43 to show the total number of vessels treated. In addition, use 00.45, 00.46, 00.47, or 00.48 to show the number of vascular stents inserted.</u></i>
Add subterm	<u>thoracic aorta 39.73</u>
	non-coronary percutaneous transluminal angioplasty or
	atherectomy
Add note	<i><u>Note: Also use 00.40, 00.41, 00.42, or 00.43 to show the total number of vessels treated. In addition, use 00.45, 00.46, 00.47, or 00.48 to show the number of vascular stents inserted.</u></i>
	blood vessel NEC 39.59
	peripheral vessel NEC 39.59
	by angioplasty 39.50
Add note	<i><u>Note: Also use 00.40, 00.41, 00.42, or 00.43 to show the total number of vessels treated. In addition, use 00.45, 00.46, 00.47, or 00.48 to show the number of vascular stents inserted.</u></i>
	by atherectomy 39.50
Add note	<i><u>Note: Also use 00.40, 00.41, 00.42, or 00.43 to show the total number of vessels treated. In addition, use 00.45, 00.46, 00.47, or 00.48 to show the number of vascular stents inserted.</u></i>

Revise code fistula – *see also* Closure, fistula  
pleuropericardial ~~37.4~~ 37.49

Revise code heart ~~37.4~~ 37.49

Revise code pericardium ~~37.4~~ 37.49

#### Replacement

Revise subterm cardiac resynchronization device  
defibrillator (CRT-D) (device and one or more leads) (total system)  
00.51

Revise subterm pacemaker (CRT-P) (device and one or more leads) (total system)  
00.50

Revise subterm CRT-D (cardiac resynchronization defibrillator) (device  
and one or more leads) 00.51

Revise subterm CRT-P (cardiac resynchronization pacemaker) (device  
and one or more leads) 00.50

#### Revision

Revise subterm hip replacement (~~acetabulum~~) (~~femoral head~~) (~~partial~~) (~~total~~)  
NOS 81.53

Add subterm acetabular and femoral components (total) 00.70

Add subterm acetabular component only 00.71

Add subterm acetabular liner and/or femoral head only 00.73

Add subterm femoral component only 00.72

Add subterm femoral head only and/or acetabular liner 00.73

Add subterm partial

Add subterm acetabular component only 00.71

Add subterm acetabular liner and/or femoral head only 00.73

Add subterm femoral component only 00.72

Add subterm femoral head only and/or acetabular liner 00.73

Add subterm total (acetabular and femoral components) 00.70

#### joint replacement

Delete subterm ~~acetabulum 81.53~~

Add subterm acetabular and femoral components (total) 00.70

Add subterm acetabular component only 00.71

Add subterm acetabular liner and/or femoral head only 00.73

Add subterm femoral component only 00.72

Revise subterm femoral head ~~81.53~~ only and/or acetabular liner 00.73

Revise subterm hip (~~partial~~) (~~total~~) 81.53

Add subterm acetabular and femoral components (total) 00.70

Add subterm acetabular component only 00.71

Add subterm acetabular liner and/or femoral head only 00.73

Add subterm femoral component only 00.72

Add subterm femoral head only and/or acetabular liner 00.73

Add subterm	<u>partial</u>
Add subterm	<u>acetabular component only 00.71</u>
Add subterm	<u>acetabular liner and/or femoral head only 00.73</u>
Add subterm	<u>femoral component only 00.72</u>
Add subterm	<u>femoral head only and/or acetabular liner 00.73</u>
Add subterm	<u>total (acetabular and femoral components) 00.70</u>
Revise subterm	knee <u>replacement NOS 81.55</u>
Add subterm	<u>femoral component 00.82</u>
Add subterm	<u>partial</u>
Add subterm	<u>femoral component 00.82</u>
Add subterm	<u>patellar component 00.83</u>
Add subterm	<u>tibial component 00.81</u>
Add subterm	<u>tibial insert 00.84</u>
Add subterm	<u>patellar component 00.83</u>
Add subterm	<u>tibial component 00.81</u>
Add subterm	<u>tibial insert 00.84</u>
Add subterm	<u>total (all components) 00.80</u>
Revise subterm	knee replacement (prosthesis) <u>NOS 81.55</u>
Add subterm	<u>femoral component 00.82</u>
Add subterm	<u>partial</u>
Add subterm	<u>femoral component 00.82</u>
Add subterm	<u>patellar component 00.83</u>
Add subterm	<u>tibial component 00.81</u>
Add subterm	<u>tibial insert 00.84</u>
Add subterm	<u>patellar component 00.83</u>
Add subterm	<u>tibial component 00.81</u>
Add subterm	<u>tibial insert 00.84</u>
Add subterm	<u>total (all components) 00.80</u>
	pocket
Revise subterm	cardiac <u>device (defibrillator) (pacemaker)</u>
Revise subterm	with initial insertion of <del>pacemaker</del> <u>cardiac device – omit code</u>
Revise subterm	new site ( <u>cardiac device pocket</u> ) (skin) (subcutaneous) 37.79
	prosthesis
Delete subterm	<del>acetabulum</del>
Delete subterm	<del>hip 81.53</del>
Add subterm	<u>acetabular and femoral components (total) 00.70</u>
Add subterm	<u>acetabular component only 00.71</u>
Add subterm	<u>acetabular liner and/or femoral head only 00.73</u>
Add subterm	<u>femoral component only 00.72</u>
Revise subterm	femoral head <del>81.53</del> <u>only and/or acetabular liner 00.73</u>
Revise subterm	hip ( <del>partial</del> ) ( <del>total</del> ) 81.53
Add subterm	<u>acetabular and femoral components (total) 00.70</u>
Add subterm	<u>acetabular component only 00.71</u>

Add subterm	<u>acetabular liner and/or femoral head only 00.73</u>
Add subterm	<u>femoral component only 00.72</u>
Add subterm	<u>femoral head only and/or acetabular liner 00.73</u>
Add subterm	<u>partial</u>
Add subterm	<u>acetabular component only 00.71</u>
Add subterm	<u>acetabular liner and/or femoral head only 00.73</u>
Add subterm	<u>femoral component only 00.72</u>
Add subterm	<u>femoral head only and/or acetabular liner 00.73</u>
Add subterm	<u>total (acetabular and femoral components) 00.70</u>
Revise subterm	knee <u>NOS 81.55</u>
Add subterm	<u>femoral component 00.82</u>
Add subterm	<u>partial</u>
Add subterm	<u>femoral component 00.82</u>
Add subterm	<u>patellar component 00.83</u>
Add subterm	<u>tibial component 00.81</u>
Add subterm	<u>tibial insert 00.84</u>
Add subterm	<u>patellar component 00.83</u>
Add subterm	<u>tibial component 00.81</u>
Add subterm	<u>tibial insert 00.84</u>
Add subterm	<u>total (all components) 00.80</u>
Add term	<u>STARR (stapled transanal rectal resection) 70.52</u>
	Suture (laceration)
Revise code	heart <del>37.4</del> <u>37.49</u>
Revise code	pericardium <del>37.4</del> <u>37.49</u>
	Test, testing (for)
	fetus, fetal
Revise code	nonstress (fetal activity acceleration determinations) <del>75.35</del> 75.34