

Procedure Codes

NOTE: Yellow highlight denotes additional procedure(s) for 2025

BIOPSY & SURGICAL SERVICES	
Thoracic Aortic Aneurysm	CODES
Descending thoracic aorta graft, with or without bypass	33875
Repair of thoracoabdominal aortic aneurysm with graft, with or without cardiopulmonary bypass	33877
Endovascular repair of descending thoracic aorta (eg, aneurysm, pseudoaneurysm, dissection, penetrating ulcer, intramural hematoma, or traumatic disruption); involving coverage of left subclavian artery origin, initial endoprosthesis plus descending thoracic aortic extension(s), if required, to level of celiac artery origin	33880
Endovascular repair of descending thoracic aorta (eg, aneurysm, pseudoaneurysm, dissection, penetrating ulcer, intramural hematoma, or traumatic disruption); not involving coverage of left subclavian artery origin, initial endoprosthesis plus descending thoracic aortic extension(s), if required, to level of celiac artery origin	33881
Placement of proximal extension prosthesis for endovascular repair of descending thoracic aorta (eg, aneurysm, pseudoaneurysm, dissection, penetrating ulcer, intramural hematoma, or traumatic disruption); initial extension	33883
Placement of distal extension prosthesis(s) delayed after endovascular repair of descending thoracic aorta	33886
Abdominal Aortic Aneurysm	CODES
Endovascular repair of infrarenal aorta by deployment of an aorto-aortic tube endograft including pre-procedure sizing and device selection, all nonselective catheterization(s), all associated radiological supervision and interpretation, all endograft extension(s) placed in the aorta from the level of the renal arteries to the aortic bifurcation, and all angioplasty/stenting performed from the level of the renal arteries to the aortic bifurcation; for other than rupture (eg, for aneurysm, pseudoaneurysm, dissection, penetrating ulcer)	34701
Endovascular repair of infrarenal aorta by deployment of an aorto-aortic tube endograft including pre-procedure sizing and device selection, all nonselective catheterization(s), all associated radiological supervision and interpretation, all endograft extension(s) placed in the aorta from the level of the renal arteries to the aortic bifurcation, and all angioplasty/stenting performed from the level of the renal arteries to the aortic bifurcation; for rupture including temporary aortic and/or iliac balloon occlusion, when performed (eg, for aneurysm, pseudoaneurysm, dissection, penetrating ulcer, traumatic disruption)	34702
Endovascular repair of infrarenal aorta and/or iliac artery(ies) by deployment of an aorto-uni-iliac endograft including pre-procedure sizing and device selection, all nonselective catheterization(s), all associated radiological supervision and interpretation, all endograft extension(s) placed in the aorta from the level of the renal arteries to the iliac bifurcation, and all angioplasty/stenting performed from the level of the renal arteries to the iliac bifurcation; for other than rupture (eg, for aneurysm, pseudoaneurysm, dissection, penetrating ulcer)	34703
Endovascular repair of infrarenal aorta and/or iliac artery(ies) by deployment of an aorto-uni-iliac endograft including pre-procedure sizing and device selection, all nonselective catheterization(s), all associated radiological supervision and interpretation, all endograft extension(s) placed in the aorta from the level of the renal arteries to the iliac bifurcation, and all angioplasty/stenting performed from the level of the renal arteries to the iliac bifurcation; for rupture including temporary aortic and/or iliac balloon occlusion, when performed (eg, for aneurysm, pseudoaneurysm, dissection, penetrating ulcer, traumatic disruption)	34704

Abdominal Aortic Aneurysm (CONT)	CODES
Endovascular repair of infrarenal aorta and/or iliac artery(ies) by deployment of an aorto-bi-iliac endograft including pre-procedure sizing and device selection, all nonselective catheterization(s), all associated radiological supervision and interpretation, all endograft extension(s) placed in the aorta from the level of the renal arteries to the iliac bifurcation, and all angioplasty/stenting performed from the level of the renal arteries to the iliac bifurcation; for other than rupture (eg, for aneurysm, pseudoaneurysm, dissection, penetrating ulcer)	34705
Endovascular repair of infrarenal aorta and/or iliac artery(ies) by deployment of an aorto-bi-iliac endograft including pre-procedure sizing and device selection, all nonselective catheterization(s), all associated radiological supervision and interpretation, all endograft extension(s) placed in the aorta from the level of the renal arteries to the iliac bifurcation, and all angioplasty/stenting performed from the level of the renal arteries to the iliac bifurcation; for rupture including temporary aortic and/or iliac balloon occlusion, when performed (eg, for aneurysm, pseudoaneurysm, dissection, penetrating ulcer, traumatic disruption)	34706
Open repair of infrarenal aortic aneurysm or dissection, plus repair of associated arterial trauma, following unsuccessful endovascular repair; tube prosthesis	34830
Open repair of infrarenal aortic aneurysm or dissection, plus repair of associated arterial trauma, following unsuccessful endovascular repair; aorto-bi-iliac prosthesis	34831
Open repair of infrarenal aortic aneurysm or dissection, plus repair of associated arterial trauma, following unsuccessful endovascular repair; aorto-bifemoral prosthesis	34832
Endovascular repair of visceral aorta (eg, aneurysm, pseudoaneurysm, dissection, penetrating ulcer, intramural hematoma, or traumatic disruption) by deployment of a fenestrated visceral aortic endograft and all associated radiological supervision and interpretation, including target zone angioplasty, when performed; including one visceral artery endoprosthesis (superior mesenteric, celiac or renal artery)	34841
Endovascular repair of visceral aorta (eg, aneurysm, pseudoaneurysm, dissection, penetrating ulcer, intramural hematoma, or traumatic disruption) by deployment of a fenestrated visceral aortic endograft and all associated radiological supervision and interpretation, including target zone angioplasty, when performed; including two visceral artery endoprostheses (superior mesenteric, celiac and/or renal artery[s])	34842
Endovascular repair of visceral aorta (eg, aneurysm, pseudoaneurysm, dissection, penetrating ulcer, intramural hematoma, or traumatic disruption) by deployment of a fenestrated visceral aortic endograft and all associated radiological supervision and interpretation, including target zone angioplasty, when performed; including three visceral artery endoprostheses (superior mesenteric, celiac and/or renal artery[s])	34843
Endovascular repair of visceral aorta (eg, aneurysm, pseudoaneurysm, dissection, penetrating ulcer, intramural hematoma, or traumatic disruption) by deployment of a fenestrated visceral aortic endograft and all associated radiological supervision and interpretation, including target zone angioplasty, when performed; including four or more visceral artery endoprostheses (superior mesenteric, celiac and/or renal artery[s])	34844
Endovascular repair of visceral aorta and infrarenal abdominal aorta (eg, aneurysm, pseudoaneurysm, dissection, penetrating ulcer, intramural hematoma, or traumatic disruption) with a fenestrated visceral aortic endograft and concomitant unibody or modular infrarenal aortic endograft and all associated radiological supervision and interpretation, including target zone angioplasty, when performed; including one visceral artery endoprosthesis (superior mesenteric, celiac or renal artery)	34845

Abdominal Aortic Aneurysm (CONT)	CODES
Endovascular repair of visceral aorta and infrarenal abdominal aorta (eg, aneurysm, pseudoaneurysm, dissection, penetrating ulcer, intramural hematoma, or traumatic disruption) with a fenestrated visceral aortic endograft and concomitant unibody or modular infrarenal aortic endograft and all associated radiological supervision and interpretation, including target zone angioplasty, when performed; including two visceral artery endoprosthesis (superior mesenteric, celiac and/or renal artery[s])	34846
Endovascular repair of visceral aorta and infrarenal abdominal aorta (eg, aneurysm, pseudoaneurysm, dissection, penetrating ulcer, intramural hematoma, or traumatic disruption) with a fenestrated visceral aortic endograft and concomitant unibody or modular infrarenal aortic endograft and all associated radiological supervision and interpretation, including target zone angioplasty, when performed; including three visceral artery endoprosthesis (superior mesenteric, celiac and/or renal artery[s])	34847
Endovascular repair of visceral aorta and infrarenal abdominal aorta (eg, aneurysm, pseudoaneurysm, dissection, penetrating ulcer, intramural hematoma, or traumatic disruption) with a fenestrated visceral aortic endograft and concomitant unibody or modular infrarenal aortic endograft and all associated radiological supervision and interpretation, including target zone angioplasty, when performed; including four or more visceral artery endoprosthesis (superior mesenteric, celiac and/or renal artery[s])	34848
Carotid Revascularization	CODES
Thromboendarterectomy, including patch graft, if performed; carotid, vertebral, subclavian, by neck incision	35301
Transcatheter placement of intravascular stent(s), cervical carotid artery, open or percutaneous, including angioplasty, when performed, and radiological supervision and interpretation; with distal embolic protection	37215
Transcatheter placement of intravascular stent(s), cervical carotid artery, open or percutaneous, including angioplasty, when performed, and radiological supervision and interpretation; without distal embolic protection	37216
Transcatheter placement of intravascular stent(s), intrathoracic common carotid artery or innominate artery by retrograde treatment, open ipsilateral cervical carotid artery exposure, including angioplasty, when performed, and radiological supervision and interpretation	37217
Transcatheter placement of intravascular stent(s), intrathoracic common carotid artery or innominate artery, open or percutaneous antegrade approach, including angioplasty, when performed, and radiological supervision and interpretation	37218
Peripheral Angiography	CODES
Selective catheter placement, arterial system; each first order abdominal, pelvic, or lower extremity artery branch, within a vascular family	36245
Selective catheter placement, arterial system; initial second order abdominal, pelvic, or lower extremity artery branch, within a vascular family	36246
Selective catheter placement, arterial system; initial third order or more selective abdominal, pelvic, or lower extremity artery branch, within a vascular family	36247
Selective catheter placement, arterial system; additional second order, third order, and beyond, abdominal, pelvic, or lower extremity artery branch, within a vascular family (List in addition to code for initial second or third order vessel as appropriate)	36248

Procedure Codes

Peripheral Re-vascularization (Atherectomy, Angioplasty, Stenting)	CODES
Injection of non-compounded foam sclerosant with ultrasound compression maneuvers to guide dispersion of the injectate, inclusive of all imaging guidance and monitoring; single incompetent extremity truncal vein (eg, great saphenous vein, accessory saphenous vein)	36465
Injection of non-compounded foam sclerosant with ultrasound compression maneuvers to guide dispersion of the injectate, inclusive of all imaging guidance and monitoring; multiple incompetent truncal veins (eg, great saphenous vein, accessory saphenous vein), same leg	36466
Injection of sclerosant; single incompetent vein (other than telangiectasia)	36470
Injection of sclerosant; multiple incompetent veins (other than telangiectasia), same leg	36471
Endovenous ablation therapy of incompetent vein, extremity, inclusive of all imaging guidance and monitoring, percutaneous, radiofrequency; first vein treated	36475
Endovenous ablation therapy of incompetent vein, extremity, inclusive of all imaging guidance and monitoring, percutaneous, radiofrequency; subsequent vein(s) treated in a single extremity, each through separate access sites (List separately in addition to code for primary procedure)	36476
Endovenous ablation therapy of incompetent vein, extremity, inclusive of all imaging guidance and monitoring, percutaneous, laser; first vein treated	36478
Endovenous ablation therapy of incompetent vein, extremity, inclusive of all imaging guidance and monitoring, percutaneous, laser, subsequent vein(s) treated in a single extremity, each through separate access sites (List separately in addition to code for primary procedure)	36479
Endovenous ablation therapy of incompetent vein, extremity, by transcatheter delivery of a chemical adhesive (eg, cyanoacrylate) remote from the access site, inclusive of all imaging guidance and monitoring, percutaneous; first vein treated	36482
Endovenous ablation therapy of incompetent vein, extremity, by transcatheter delivery of a chemical adhesive (eg, cyanoacrylate) remote from the access site, inclusive of all imaging guidance and monitoring, percutaneous; subsequent vein(s) treated in a single extremity, each through separate access sites (List separately in addition to code for primary procedure)	36483
Revascularization, endovascular, open or percutaneous, iliac artery, unilateral, initial vessel; with transluminal angioplasty	37220
Revascularization, endovascular, open or percutaneous, iliac artery, unilateral, initial vessel; with transluminal stent placement(s), includes angioplasty within the same vessel, when performed	37221
Revascularization, endovascular, open or percutaneous, femoral, popliteal artery(s), unilateral; with transluminal angioplasty	37224
Revascularization, endovascular, open or percutaneous, femoral, popliteal artery(s), unilateral; with atherectomy, includes angioplasty within the same vessel, when performed	37225

Procedure Codes

Peripheral Re-vascularization (Atherectomy, Angioplasty, Stenting) - CONT	CODES
Revascularization, endovascular, open or percutaneous, femoral, popliteal artery(s), unilateral; with transluminal stent placement(s), includes angioplasty within the same vessel, when performed	37226
Revascularization, endovascular, open or percutaneous, femoral, popliteal artery(s), unilateral; with transluminal stent placement(s) and atherectomy, includes angioplasty within the same vessel, when performed	37227
Revascularization, endovascular, open or percutaneous, tibial, peroneal artery, unilateral, initial vessel; with transluminal angioplasty	37228
Revascularization, endovascular, open or percutaneous, tibial, peroneal artery, unilateral, initial vessel; with atherectomy, includes angioplasty within the same vessel, when performed	37229
Revascularization, endovascular, open or percutaneous, tibial, peroneal artery, unilateral, initial vessel; with transluminal stent placement(s), includes angioplasty within the same vessel, when performed	37230
Revascularization, endovascular, open or percutaneous, tibial, peroneal artery, unilateral, initial vessel; with transluminal stent placement(s) and atherectomy, includes angioplasty within the same vessel, when performed	37231
Endovenous femoral-popliteal arterial revascularization, with transcatheter placement of intravascular stent graft(s) and closure by any method, including percutaneous or open vascular access, ultrasound guidance for vascular access when performed, all catheterization(s) and intraprocedural roadmapping and imaging guidance necessary to complete the intervention, all associated radiological supervision and interpretation, when performed, with crossing of the occlusive lesion in an extraluminal fashion	0505T
Vascular endoscopy, surgical, with ligation of perforator veins, subfascial (SEPS)	37500
Ligation and division of long saphenous vein at saphenofemoral junction, or distal interruptions	37700
Ligation, division, and stripping, short saphenous vein	37718
Ligation, division, and stripping, long (greater) saphenous veins from saphenofemoral junction to knee or below	37722
Ligation and division and complete stripping of long or short saphenous veins with radical excision of ulcer and skin graft and/or interruption of communicating veins of lower leg, with excision of deep fascia	37735
Ligation of perforator veins, subfascial, radical (Linton type), including skin graft, when performed, open, 1 leg	37760
Ligation of perforator vein(s), subfascial, open, including ultrasound guidance, when performed, 1 leg	37761
Stab phlebectomy of varicose veins, 1 extremity; 10-20 stab incisions	37765
Stab phlebectomy of varicose veins, 1 extremity; more than 20 incisions	37766
Ligation and division of short saphenous vein at saphenopopliteal junction (separate procedure)	37780
Ligation, division, and/or excision of varicose vein cluster(s), 1 leg	37785

Procedure Codes

CARDIOLOGY	
Cardiac Catheterization	CODES
Percutaneous transluminal coronary atherectomy with coronary angioplasty when performed single major coronary artery or branch	92924
Percutaneous transluminal coronary atherectomy with intracoronary stent with coronary angioplasty when performed single major coronary artery or branch	92933
Percutaneous transluminal coronary atherectomy, with drug eluting intracoronary stent, with coronary angioplasty when performed; single major coronary artery or branch	C9602
Percutaneous transluminal coronary atherectomy, with drug-eluting intracoronary stent, with coronary angioplasty when performed; each additional branch of a major coronary artery (List separately in addition to code for primary procedure)	C9603
Right heart catheterization including measurement(s) of oxygen saturation and cardiac output, when performed	93451
Left heart catheterization including intraprocedural injection(s) for left ventriculography, imaging supervision and interpretation, when performed	93452
Combined right and left heart catheterization including intraprocedural injection(s) for left ventriculography, imaging supervision and interpretation, when performed	93453
Catheter placement in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for coronary angiography, imaging supervision and interpretation;	93454
Catheter placement in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for coronary angiography, imaging supervision and interpretation; with catheter placement(s) in bypass graft(s) (internal mammary, free arterial venous grafts) including intraprocedural injection(s) for bypass graft angiography	93455
Catheter placement in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for coronary angiography, imaging supervision and interpretation; with right heart catheterization	93456
Catheter placement in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for coronary angiography, imaging supervision and interpretation; with catheter placement(s) in bypass graft(s) (internal mammary, free arterial, venous grafts) including intraprocedural injection(s) for bypass graft angiography and right heart catheterization	93457
Catheter placement in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for coronary angiography, imaging supervision and interpretation; with left heart catheterization including intraprocedural injection(s) for left ventriculography, when performed	93458
Catheter placement in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for coronary angiography, imaging supervision and interpretation; with left heart catheterization including intraprocedural injection(s) for left ventriculography, when performed, catheter placement(s) in bypass graft(s) (internal mammary, free arterial, venous grafts) with bypass graft angiography	93459
Catheter placement in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for coronary angiography, imaging supervision and interpretation; with right and left heart catheterization including intraprocedural injection(s) for left ventriculography, when performed	93460

Procedure Codes

Cardiac Catheterization (CONT)	CODES
Catheter placement in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for coronary angiography, imaging supervision and interpretation; with right and left heart catheterization including intraprocedural injection(s) for left ventriculography, when performed, catheter placement(s) in bypass graft(s) (internal mammary, free arterial, venous grafts) with bypass graft angiography	93461
Left heart catheterization by transeptal puncture through intact septum or by transapical puncture (List separately in addition to code for primary procedure)	93462
Pharmacologic agent administration (eg, inhaled nitric oxide, intravenous infusion of nitroprusside, dobutamine, milrinone, or other agent) including assessing hemodynamic measurements before, during, after and repeat pharmacologic agent administration, when performed (List separately in addition to code for primary procedure)	93463
Physiologic exercise study (eg, bicycle or arm ergometry) including assessing hemodynamic measurements before and after (List separately in addition to code for primary procedure)	93464
Insertion and placement of flow directed catheter (eg swan-ganz) for monitoring purposes	93503
Injection procedure during cardiac catheterization including imaging supervision, interpretation, and report; for selective coronary angiography during congenital heart catheterization (List separately in addition to code for primary procedure)	93563
Injection procedure during cardiac catheterization including imaging supervision, interpretation, and report; for selective opacification of aortocoronary venous or arterial bypass graft(s) (eg, aortocoronary saphenous vein, free radial artery, or free mammary artery graft) to one or more coronary arteries and in situ arterial conduits (eg, internal mammary), whether native or used for bypass to one or more coronary arteries during congenital heart catheterization, when performed (List separately in addition to code for primary procedure)	93564
Injection procedure during cardiac catheterization including imaging supervision, interpretation and report; for selective left ventricular or left atrial angiography (List separately in addition to code for primary procedure)	93565
Injection procedure during cardiac catheterization including imaging supervision, interpretation, and report; for selective right ventricular or right atrial angiography (List separately in addition to code for primary procedure)	93566
Injection procedure during cardiac catheterization including imaging supervision, interpretation, and report; for supravalvular aortography (List separately in addition to code for primary procedure)	93567
Injection procedure during cardiac catheterization including imaging supervision, interpretation, and report; for nonselective pulmonary arterial angiography (List separately in addition to code for primary procedure)	93568
Intravascular Doppler velocity and/or pressure derived coronary flow reserve measurement (coronary vessel or graft) during coronary angiography including pharmacologically induced stress; initial vessel (List separately in addition to code for primary procedure)	93571
Intravascular Doppler velocity and/or pressure derived coronary flow reserve measurement (coronary vessel or graft) during coronary angiography including pharmacologically induced stress; each additional vessel (List separately in addition to code for primary procedure)	93572

Procedure Codes

Cardiac Catheterization - CONT	CODES
Right heart catheterization for congenital heart defect(s) including imaging guidance by the proceduralist to advance the catheter to the target zone; normal native connections	93593
Right heart catheterization for congenital heart defect(s) including imaging guidance by the proceduralist to advance the catheter to the target zone; abnormal native connections	93594
Left heart catheterization for congenital heart defect(s) including imaging guidance by the proceduralist to advance the catheter to the target zone, normal or abnormal native connections	93595
Right and left heart catheterization for congenital heart defect(s) including imaging guidance by the proceduralist to advance the catheter to the target zone(s); normal native connections	93596
Right and left heart catheterization for congenital heart defect(s) including imaging guidance by the proceduralist to advance the catheter to the target zone(s); abnormal native connections	93597
Cardiac output measurement(s), thermodilution or other indicator dilution method, performed during cardiac catheterization for the evaluation of congenital heart defects (List separately in addition to code for primary procedure)	93598
Cardiac Devices - Pacemakers	CODES
Insertion of epicardial electrode(s) open incision (eg thoracotomy median sternotomy subxiphoid approach)	33202
Insertion of epicardial electrode(s) endoscopic approach (eg thoracoscopy pericardioscopy)	33203
Insertion or replacement of permanent pacemaker with transvenous electrode(s); atrial	33206
Insertion or replacement of permanent pacemaker with transvenous electrode(s); ventricular	33207
Insertion or replacement of permanent pacemaker with transvenous electrode(s); atrial and ventricular	33208
Insertion or replacement of temporary transvenous single chamber cardiac electrode or pacemaker catheter (separate procedure)	33210
Insertion or replacement of temporary transvenous dual chamber pacing electrodes (separate procedure)	33211
Insertion or replacement of pacemaker pulse generator only; single chamber, atrial or ventricular	33212
Insertion or replacement of pacemaker pulse generator only; dual chamber	33213
Upgrade of implanted pacemaker system, conversion of single chamber system to dual chamber system (includes removal of previously placed pulse generator, testing of existing lead, insertion of new lead, insertion of new pulse generator)	33214
Relocation of skin pocket for pacemaker	33222
Repositioning of previously implanted cardiac venous system (left ventricular) electrode (including removal insertion and/or replacement of existing generator)	33226
Removal of permanent pacemaker pulse generator with replacement of pacemaker pulse generator; single lead system	33227
Removal of permanent pacemaker pulse generator with replacement of pacemaker pulse generator; dual lead system	33228
Removal of permanent pacemaker pulse generator	33233
Removal of transvenous pacemaker electrode(s); single lead system, atrial or ventricular	33234
Removal of transvenous pacemaker electrode(s); dual lead system	33235
Removal of permanent epicardial pacemaker and electrodes by thoracotomy single lead system atrial or ventricular	33236

Procedure Codes

Cardiac Devices - Pacemakers (CONT)	CODES
Removal of permanent epicardial pacemaker and electrodes by thoracotomy dual lead system	33237
Removal of permanent transvenous electrode(s) by thoracotomy	33238
Cardiac Devices - Automatic Implantable Cardioverter Defibrillator (AICD)	CODES
Repositioning of previously implanted transvenous pacemaker or implantable defibrillator (right atrial or right ventricular) electrode	33215
Insertion of a single transvenous electrode, permanent pacemaker or implantable defibrillator	33216
Insertion of 2 transvenous electrodes, permanent pacemaker or implantable defibrillator	33217
Repair of single transvenous electrode permanent pacemaker or implantable defibrillator	33218
Repair of 2 transvenous electrodes for permanent pacemaker or implantable defibrillator	33220
Relocation of skin pocket for pacemaker	33223
Insertion of pacing implantable defibrillator pulse generator only; with existing dual leads	33230
Insertion of implantable defibrillator pulse generator only; with existing single lead	33240
Removal of implantable defibrillator pulse generator only	33241
Removal of single or dual chamber implantable defibrillator electrode(s) by thoracotomy	33243
Removal of single or dual chamber implantable defibrillator electrode(s); by transvenous extraction	33244
Insertion or replacement of permanent implantable defibrillator system with transvenous lead(s), single or dual chamber	33249
Removal of implantable defibrillator pulse generator with replacement of implantable defibrillator pulse generator; single lead system	33262
Removal of implantable defibrillator pulse generator with replacement of implantable defibrillator pulse generator; dual lead system	33263
Insertion or replacement of permanent subcutaneous implantable defibrillator system, with subcutaneous electrode, including defibrillation threshold evaluation, induction of arrhythmia, evaluation of sensing for arrhythmia termination, and programming or reprogramming of sensing or therapeutic parameters, when performed	33270
Insertion of subcutaneous implantable defibrillator electrode	33271
Removal of subcutaneous implantable defibrillator electrode	33272
Repositioning of previously implanted subcutaneous implantable defibrillator electrode	33273

Procedure Codes

Cardiac Devices - Cardiac Resynchronization Therapy - Pacemaker (CRT-P)	CODES
Insertion or replacement of permanent pacemaker with transvenous electrode(s); ventricular	33207
Insertion or replacement of permanent pacemaker with transvenous electrode(s); atrial and ventricular	33208
Insertion or replacement of pacemaker pulse generator only; dual chamber	33213
Upgrade of implanted pacemaker system, conversion of single chamber system to dual chamber system (includes removal of previously placed pulse generator, testing of existing lead, insertion of new lead, insertion of new pulse generator)	33214
Insertion of pacemaker pulse generator only; with existing multiple leads	33221
Insertion of pacing electrode, cardiac venous system, for left ventricular pacing, with attachment to previously placed pacemaker or implantable defibrillator pulse generator (including revision of pocket, removal, insertion, and/or replacement of existing generator)	33224
Removal of permanent pacemaker pulse generator with replacement of pacemaker pulse generator; multiple lead system	33229
Removal of permanent pacemaker pulse generator	33233
Removal of transvenous pacemaker electrode(s); single lead system, atrial or ventricular	33234
Body surface-activation mapping of pacemaker or pacing cardioverter-defibrillator lead(s) to optimize electrical synchrony, cardiac resynchronization therapy device, including connection, recording, disconnection, review, and report; at time of implant or replacement	0695T
Cardiac Devices - Cardiac Resynchronization Therapy - Defibrillator (CRT-D)	CODES
Insertion of a single transvenous electrode, permanent pacemaker or implantable defibrillator	33216
Insertion of 2 transvenous electrodes, permanent pacemaker or implantable defibrillator	33217
Insertion of pacing electrode, cardiac venous system, for left ventricular pacing, with attachment to previously placed pacemaker or implantable defibrillator pulse generator (including revision of pocket, removal, insertion, and/or replacement of existing generator)	33224
Insertion of pacing implantable defibrillator pulse generator only; with existing multiple leads	33231
Insertion of implantable defibrillator pulse generator only; with existing single lead	33240
Removal of implantable defibrillator pulse generator only	33241
Removal of single or dual chamber implantable defibrillator electrode(s); by transvenous extraction	33244
Insertion or replacement of permanent implantable defibrillator system with transvenous lead(s), single or dual chamber	33249
Removal of implantable defibrillator pulse generator with replacement of implantable defibrillator pulse generator; multiple lead system	33264
Insertion or replacement of a permanent pacing cardioverter-defibrillator system with transvenous lead(s), single or dual chamber with insertion of pacing electrode, cardiac venous system, for left ventricular pacing	G0448

Procedure Codes

Cardiac Devices - HCPCS	CODES
Cardioverter-defibrillator, dual chamber (implantable)	C1721
Cardioverter-defibrillator, single chamber (implantable)	C1722
Lead, cardioverter-defibrillator, endocardial single coil (implantable)	C1777
Lead, pacemaker, transvenous VDD single pass	C1779
Pacemaker, dual chamber, rate-responsive (implantable)	C1785
Pacemaker, single chamber, rate-responsive (implantable)	C1786
Cardioverter-defibrillator, other than single or dual chamber (implantable)	C1882
Lead, cardioverter-defibrillator, endocardial dual coil (implantable)	C1895
Lead, cardioverter-defibrillator, other than endocardial single or dual coil (implantable)	C1896
Lead, pacemaker, other than transvenous VDD single pass	C1898
Lead, pacemaker/cardioverter-defibrillator combination (implantable)	C1899
Lead, left ventricular coronary venous system	C1900
Pacemaker, dual chamber, nonrate-responsive (implantable)	C2619
Pacemaker, single chamber, nonrate-responsive (implantable)	C2620
Pacemaker, other than single or dual chamber (implantable)	C2621
Cardiac Devices - Transcatheter Aortic Valve Replacement (TAVR)	CODES
Transcatheter aortic valve replacement (TAVR/TAVI) with prosthetic valve; percutaneous femoral artery approach	33361
Transcatheter aortic valve replacement (TAVR/TAVI) with prosthetic valve; open femoral artery approach	33362
Transcatheter aortic valve replacement (TAVR/TAVI) with prosthetic valve; open axillary artery approach	33363
Transcatheter aortic valve replacement (TAVR/TAVI) with prosthetic valve; open iliac artery approach	33364
Transcatheter aortic valve replacement (TAVR/TAVI) with prosthetic valve; transaortic approach (eg, median sternotomy, mediastinotomy)	33365
Transcatheter aortic valve replacement (TAVR/TAVI) with prosthetic valve; transapical exposure (eg, left thoracotomy)	33366
Cardiac Devices - Transcatheter Mitral Valve Repair (TMVR, MitraClip)	CODES
Transcatheter mitral valve repair, percutaneous approach, including transseptal puncture when performed; initial prosthesis	33418
Transcatheter mitral valve repair percutaneous approach via the coronary sinus	0345T
Cardiac Devices - Ventricular Assist Device (VAD)	CODES
Insertion of ventricular assist device extracorporeal single ventricle	33975
Insertion of ventricular assist device extracorporeal biventricular	33976
Removal of ventricular assist device extracorporeal single ventricle	33977
Removal of ventricular assist device extracorporeal biventricular	33978
Insertion of ventricular assist device implantable intracorporeal single ventricle	33979
Removal of ventricular assist device implantable intracorporeal single ventricle	33980

Procedure Codes

Cardiac Devices - Ventricular Assist Device (VAD) - CONT	CODES
Replacement of extracorporeal ventricular assist device single or biventricular pump(s) single or each pump	33981
Replacement of ventricular assist device pump(s) implantable intracorporeal single ventricle without cardiopulmonary bypass	33982
Replacement of ventricular assist device pump(s) implantable intracorporeal single ventricle with cardiopulmonary bypass	33983
Insertion of ventricular assist device, percutaneous including radiological supervision and interpretation; left heart arterial access only	33990
Insertion of ventricular assist device, percutaneous including radiological supervision and interpretation; left heart, both arterial and venous access, with transseptal puncture	33991
Removal of percutaneous ventricular assist device at separate and distinct session from insertion	33992
Repositioning of percutaneous ventricular assist device with imaging guidance at separate and distinct session from insertion	33993
Insertion of ventricular assist device, percutaneous, including radiological supervision and interpretation; right heart, venous access only	33995
Cardiac Devices - Left Atrial Appendage Closure Device (e.g., Watchman)	CODES
Percutaneous transcatheter closure of the left atrial appendage with endocardial implant, including fluoroscopy, transseptal puncture, catheter placement(s), left atrial angiography, left atrial appendage angiography, when performed, and radiological supervision and interpretation	33340
Cardiac Devices - Leadless Pacemakers (e.g., Micra Transcatheter Pacing System [TPS])	CODES
Transcatheter insertion or replacement of permanent leadless pacemaker, right ventricular, including imaging guidance (eg, fluoroscopy, venous ultrasound, ventriculography, femoral venography) and device evaluation (eg, interrogation or programming), when performed	33274
Transcatheter removal of permanent leadless pacemaker, right ventricular, including imaging guidance (eg, fluoroscopy, venous ultrasound, ventriculography, femoral venography), when performed	33275
Pacemaker monitor, self-contained, (checks battery depletion, includes audible and visible check systems)	E0610
Pacemaker monitor, self contained, checks battery depletion and other pacemaker components, includes digital/visible check systems	E0615
Cardiac Devices - Implantable Cardioverter-Defibrillator with Substernal Electrode	CODES
Insertion or replacement of implantable cardioverter-defibrillator system with substernal electrode(s), including all imaging guidance and electrophysiological evaluation (includes defibrillation threshold evaluation, induction of arrhythmia, evaluation of sensing for arrhythmia termination, and programming or reprogramming of sensing or therapeutic parameters), when performed	0571T
Insertion of substernal implantable defibrillator electrode	0572T
Removal of substernal implantable defibrillator electrode	0573T
Repositioning of previously implanted substernal implantable defibrillator-pacing electrode	0574T
Removal of substernal implantable defibrillator pulse generator only	0580T
Removal and replacement of substernal implantable defibrillator pulse generator	0614T

Cardiac Devices: Patent Foramen Ovale (PFO) and Atrial Septal Defect (ASD) Closure	CODES
Percutaneous transcatheter closure of congenital interatrial communication (ie, Fontan fenestration, atrial septal defect) with implant	93580
Angioplasty (Percutaneous Coronary Intervention [PCI])	CODES
Percutaneous transluminal coronary angioplasty; single major coronary artery or branch	92920
Stent (Percutaneous Coronary Intervention [PCI])	CODES
Percutaneous transcatheter placement of intracoronary stent(s), with coronary angioplasty when performed; single major coronary artery or branch	92928
Percutaneous transluminal revascularization of or through coronary artery bypass graft (internal mammary, free arterial, venous), any combination of intracoronary stent, atherectomy and angioplasty, including distal protection when performed; single vessel	92937
Percutaneous transluminal revascularization of chronic total occlusion, coronary artery, coronary artery branch, or coronary artery bypass graft, any combination of intracoronary stent, atherectomy and angioplasty; single vessel	92943
Percutaneous transcatheter placement of drug eluting intracoronary stent(s), with coronary angioplasty when performed; single major coronary artery or branch	C9600
Percutaneous transcatheter placement of drug-eluting intracoronary stent(s), with coronary angioplasty when performed; each additional branch of a major coronary artery (List separately in addition to code for primary procedure)	C9601
Percutaneous transluminal revascularization of or through coronary artery bypass graft (internal mammary, free arterial, venous), any combination of drug-eluting intracoronary stent, atherectomy and angioplasty, including distal protection when performed; each additional branch subtended by the bypass graft (List separately in addition to code for primary procedure)	C9605
Percutaneous transluminal revascularization of chronic total occlusion, coronary artery, coronary artery branch, or coronary artery bypass graft, any combination of drug-eluting intracoronary stent, atherectomy and angioplasty; each additional coronary artery, coronary artery branch, or bypass graft (List separately in addition to code for primary procedure)	C9608
Percutaneous transluminal revascularization of or through coronary artery bypass graft (internal mammary, free arterial, venous), any combination of drug-eluting intracoronary stent, atherectomy and angioplasty, including distal protection when performed; single vessel	C9604
Percutaneous transluminal revascularization of chronic total occlusion, coronary artery, coronary artery branch, or coronary artery bypass graft, any combination of drug-eluting intracoronary stent, atherectomy and angioplasty; single vessel	C9607
Interventional Cardiology - Electrophysiological Studies (EPS) - Arrhythmia Induction and Mapping	CODES
Bundle of HIS recording	93600
Intra-atrial recording	93602
Right ventricular recording	93603
Intra-atrial pacing	93610
Intraventricular pacing	93612
Esophageal recording of atrial electrogram with or without ventricular electrogram(s)	93615
Esophageal recording of atrial electrogram with or without ventricular electrogram(s) with pacing	93616
Induction of arrhythmia by electrical pacing	93618
Comprehensive electrophysiologic evaluation with right atrial pacing and recording, right ventricular pacing and recording, His bundle recording, including insertion and repositioning of multiple electrode catheters, without induction or attempted induction of arrhythmia	93619

Procedure Codes

Interventional Cardiology - Electrophysiological Studies (EPS) - Arrhythmia Induction and Mapping (CONT)	CODES
Comprehensive electrophysiologic evaluation including insertion and repositioning of multiple electrode catheters with induction or attempted induction of arrhythmia; with right atrial pacing and recording, right ventricular pacing and recording, His bundle recording	93620
Electrophysiologic follow-up study with pacing and recording to test effectiveness of therapy, including induction or attempted induction of arrhythmia	93624
Intra-operative epicardial and endocardial pacing and mapping to localize the site of tachycardia or zone of slow conduction for surgical correction	93631
Electrophysiological evaluation of single or dual chamber pacing cardioverter-defibrillator leads including defibrillation threshold evaluation (induction of arrhythmia, evaluation of sensing and pacing for arrhythmia termination) at time of initial implantation or replacement	93640
Electrophysiological evaluation of single or dual chamber pacing cardioverter-defibrillator leads including defibrillation threshold evaluation (induction of arrhythmia, evaluation of sensing and pacing for arrhythmia termination) at time of initial implantation or replacement; with testing of single or dual chamber pacing	93641
Electrophysiological evaluation of single or dual chamber transvenous pacing cardioverter-defibrillator (includes defibrillation threshold evaluation, induction of arrhythmia, evaluation of sensing and pacing for arrhythmia termination, and programming or reprogramming of sensing or therapeutic parameters)	93642
Electrophysiologic evaluation of subcutaneous implantable defibrillator (includes defibrillation threshold evaluation, induction of arrhythmia, evaluation of sensing for arrhythmia termination, and programming or reprogramming of sensing or therapeutic parameters)	93644
Electrophysiological evaluation of implantable cardioverter-defibrillator system with substernal electrode (includes defibrillation threshold evaluation, induction of arrhythmia, evaluation of sensing for arrhythmia termination, and programming or reprogramming of sensing or therapeutic parameters)	0577T
Interventional Cardiology - Electrophysiological Studies (EPS) - Ablation	CODES
Intracardiac catheter ablation of atrioventricular node function, atrioventricular conduction for creation of complete heart block, with or without temporary pacemaker placement	93650
Comprehensive electrophysiologic evaluation including insertion and repositioning of multiple electrode catheters with induction or attempted induction of an arrhythmia with right atrial pacing and recording, right ventricular pacing and recording (when necessary), and His recording (when necessary) with intracardiac catheter ablation of arrhythmogenic focus; with treatment of supraventricular tachycardia by ablation of fast or slow atrioventricular pathway, accessory atrioventricular connection, cavotricuspid isthmus or other single atrial focus or source of atrial re-entry	93653
Comprehensive electrophysiologic evaluation with insertion and repositioning of multiple electrode catheters, induction or attempted induction of an arrhythmia with right atrial pacing and recording and catheter ablation of arrhythmogenic focus, including intracardiac electrophysiologic 3-dimensional mapping, right ventricular pacing and recording, left atrial pacing and recording from coronary sinus or left atrium, and His bundle recording, when performed; with treatment of ventricular tachycardia or focus of ventricular ectopy including left ventricular pacing and recording, when performed	93654

Procedure Codes

Interventional Cardiology - Electrophysiological Studies (EPS) - Ablation (CONT)		CODES
Comprehensive electrophysiologic evaluation including transeptal catheterizations, insertion and repositioning of multiple electrode catheters with intracardiac catheter ablation of atrial fibrillation by pulmonary vein isolation, including intracardiac electrophysiologic 3-dimensional mapping, intracardiac echocardiography including imaging supervision and interpretation, induction or attempted induction of an arrhythmia including left or right atrial pacing/recording, right ventricular pacing/recording, and His bundle recording, when performed		93656
Use the following Bundle ID when submitting requests to facilitate authorization and billing processes. Primary code alone will not be processed.		
Comprehensive EPS with mapping (93620, 93609)		EPS01
Comprehensive EPS with 3D mapping (93620, 93613)		EPS02
Comprehensive EPS with left atrial pacing and recording (93620, 93621)		EPS03
Comprehensive EPS with left ventricular pacing and recording (93620, 93622)		EPS04
Intra-atrial pacing with programmed stimulation and pacing after IV drug infusion (93610, 93623)		EPS05
Right ventricular pacing with programmed stimulation and pacing after IV drug infusion (93612, 93623)		EPS06
Comprehensive EPS with programmed stimulation and pacing after IV drug infusion (93619, 93623)		EPS07
Comprehensive EPS with programmed stimulation and pacing after IV drug infusion (93620, 93623)		EPS08
Mobile Cardiovascular Telemetry (MCT)		CODES
External mobile cardiovascular telemetry with electrocardiographic recording, concurrent computerized real time data analysis and greater than 24 hours of accessible ECG data storage (retrievable with query) with ECG triggered and patient selected events transmitted to a remote attended surveillance center for up to 30 days; review and interpretation with report by a physician or other qualified health care professional		93228
External mobile cardiovascular telemetry with electrocardiographic recording, concurrent computerized real time data analysis and greater than 24 hours of accessible ECG data storage (retrievable with query) with ECG triggered and patient selected events transmitted to a remote attended surveillance center for up to 30 days; technical support for connection and patient instructions for use, attended surveillance, analysis and transmission of daily and emergent data reports as prescribed by a physician or other qualified health care professional		93229
Implantable Loop Recorder		CODES
Insertion, subcutaneous cardiac rhythm monitor, including programming		33285
Removal, subcutaneous cardiac rhythm monitor		33286
Event recorder, cardiac (implantable)		C1764
Implantable cardiac event recorder with memory, activator and programmer		E0616

Procedure Codes

MUSCULOSKELETAL	
Shoulder	CODES
Incision and drainage, shoulder area; infected bursa	23031
Incision, bone cortex (eg, osteomyelitis or bone abscess), shoulder area	23035
Arthrotomy, glenohumeral joint, including exploration, drainage, or removal of foreign body	23040
Arthrotomy, acromioclavicular, sternoclavicular joint, including exploration, drainage, or removal of foreign body	23044
Arthrotomy, glenohumeral joint, including biopsy	23100
Arthrotomy, acromioclavicular joint or sternoclavicular joint, including biopsy and/or excision of torn cartilage	23101
Arthrotomy, glenohumeral joint, with joint exploration, with or without removal of loose or foreign body	23107
Claviculectomy; partial	23120
Claviculectomy; total	23125
Acromioplasty or acromionectomy, partial, with or without coracoacromial ligament release	23130
Sequestrectomy (eg, for osteomyelitis or bone abscess), clavicle	23170
Sequestrectomy (eg, for osteomyelitis or bone abscess), scapula	23172
Sequestrectomy (eg, for osteomyelitis or bone abscess), humeral head to surgical neck	23174
Partial excision (craterization, saucerization, or diaphysectomy) bone (eg, osteomyelitis), clavicle	23180
Partial excision (craterization, saucerization, or diaphysectomy) bone (eg, osteomyelitis), scapula	23182
Partial excision (craterization, saucerization, or diaphysectomy) bone (eg, osteomyelitis), proximal humerus	23184
Ostectomy of scapula, partial (eg, superior medial angle)	23190
Resection, humeral head	23195
Removal of prosthesis, includes debridement and synovectomy when performed; humeral or glenoid component	23334
Removal of prosthesis, includes debridement and synovectomy when performed; humeral and glenoid components (eg, total shoulder)	23335
Scapulopexy (eg, Sprengels deformity or for paralysis)	23400
Tenotomy, shoulder area; single tendon	23405
Tenotomy, shoulder area; multiple tendons through same incision	23406
Repair of ruptured musculotendinous cuff (eg, rotator cuff) open; acute	23410
Repair of ruptured musculotendinous cuff (eg, rotator cuff) open; chronic	23412
Coracoacromial ligament release, with or without acromioplasty	23415
Reconstruction of complete shoulder (rotator) cuff avulsion, chronic (includes acromioplasty)	23420
Tenodesis of long tendon of biceps	23430
Resection or transplantation of long tendon of biceps	23440
Capsulorrhaphy, anterior; Putti-Platt procedure or Magnuson type operation	23450
Capsulorrhaphy, anterior; with labral repair (eg, Bankart procedure)	23455

Procedure Codes

Shoulder - CONT	CODES
Capsulorrhaphy, anterior, any type; with bone block	23460
Capsulorrhaphy, anterior, any type; with coracoid process transfer	23462
Capsulorrhaphy, glenohumeral joint, posterior, with or without bone block	23465
Capsulorrhaphy, glenohumeral joint, any type multi-directional instability	23466
Arthroplasty, glenohumeral joint; hemiarthroplasty	23470
Arthroplasty, glenohumeral joint; total shoulder (glenoid and proximal humeral replacement (eg, total shoulder))	23472
Revision of total shoulder arthroplasty, including allograft when performed; humeral or glenoid component	23473
Revision of total shoulder arthroplasty, including allograft when performed; humeral and glenoid component	23474
Osteotomy, clavicle, with or without internal fixation;	23480
Osteotomy, clavicle, with or without internal fixation; with bone graft for nonunion or malunion (includes obtaining graft and/or necessary fixation)	23485
Prophylactic treatment (nailing, pinning, plating or wiring) with or without methylmethacrylate; clavicle	23490
Prophylactic treatment (nailing, pinning, plating or wiring) with or without methylmethacrylate; proximal humerus	23491
Manipulation under anesthesia, shoulder joint, including application of fixation apparatus (dislocation excluded)	23700
Arthrodesis, glenohumeral joint;	23800
Arthrodesis, glenohumeral joint; with autogenous graft (includes obtaining graft)	23802
Arthroscopy, shoulder, diagnostic, with or without synovial biopsy (separate procedure)	29805
Arthroscopy, shoulder, surgical; capsulorrhaphy	29806
Arthroscopy, shoulder, surgical; repair of SLAP lesion	29807
Arthroscopy, shoulder, surgical; with removal of loose body or foreign body	29819
Arthroscopy, shoulder, surgical; synovectomy, partial	29820
Arthroscopy, shoulder, surgical; synovectomy, complete	29821
Arthroscopy, shoulder, surgical; debridement, limited, 1 or 2 discrete structures (eg, humeral bone, humeral articular cartilage, glenoid bone, glenoid articular cartilage, biceps tendon, biceps anchor complex, labrum, articular capsule, articular side of the rotator cuff, bursal side of the rotator cuff, subacromial bursa, foreign body[ies])	29822
Arthroscopy, shoulder, surgical; debridement, extensive, 3 or more discrete structures (eg, humeral bone, humeral articular cartilage, glenoid bone, glenoid articular cartilage, biceps tendon, biceps anchor complex, labrum, articular capsule, articular side of the rotator cuff, bursal side of the rotator cuff, subacromial bursa, foreign body[ies])	29823
Arthroscopy, shoulder, surgical; distal claviclectomy including distal articular surface (Mumford procedure)	29824
Arthroscopy, shoulder, surgical; with lysis and resection of adhesions, with or without manipulation	29825
Arthroscopy, shoulder, surgical; decompression of subacromial space with partial acromioplasty, with coracoacromial ligament (ie, arch) release, when performed (List separately in addition to code for primary procedure)	29826
Arthroscopy, shoulder, surgical; with rotator cuff repair	29827
Arthroscopy, shoulder, surgical; biceps tenodesis	29828

Procedure Codes

Hip	CODES
Incision and drainage, pelvis or hip joint area; infected bursa	26991
Incision, bone cortex, pelvis and/or hip joint (eg, osteomyelitis or bone abscess)	26992
Tenotomy, adductor of hip, percutaneous (separate procedure)	27000
Tenotomy, adductor of hip, open	27001
Tenotomy, adductor, subcutaneous, open, with obturator neurectomy	27003
Tenotomy, hip flexor(s), open (separate procedure)	27005
Tenotomy, abductors and/or extensor(s) of hip, open (separate procedure)	27006
Fasciotomy, hip or thigh, any type	27025
Arthrotomy, hip, including exploration or removal of loose or foreign body	27033
Denervation, hip joint, intrapelvic or extrapelvic intra-articular branches of sciatic, femoral, or obturator nerves	27035
Capsulectomy or capsulotomy, hip, with or without excision of heterotopic bone, with release of hip flexor muscles (ie, gluteus medius, gluteus minimus, tensor fascia latae, rectus femoris, sartorius, iliopsoas)	27036
Arthrotomy, with biopsy; sacroiliac joint	27050
Arthrotomy, with biopsy; hip joint	27052
Arthrotomy with synovectomy, hip joint	27054
Decompression fasciotomy(ies), pelvic (buttock) compartment(s) (eg, gluteus medius-minimus, gluteus maximus, iliopsoas, and/or tensor fascia lata muscle) with debridement of nonviable muscle, unilateral	27057
Excision; ischial bursa	27060
Excision; trochanteric bursa or calcification	27062
Partial excision, wing of ilium, symphysis pubis, or greater trochanter of femur, (craterization, saucerization) (eg, osteomyelitis or bone abscess); superficial	27070
Partial excision, wing of ilium, symphysis pubis, or greater trochanter of femur, (craterization, saucerization) (eg, osteomyelitis or bone abscess); deep (subfascial or intramuscular)	27071
Removal of hip prosthesis; (separate procedure)	27090
Removal of hip prosthesis; complicated, including total hip prosthesis, methylmethacrylate with or without insertion of spacer	27091
Acetabuloplasty; (eg, Whitman, Colonna, Haygroves, or cup type)	27120
Acetabuloplasty; resection, femoral head (eg, Girdlestone procedure)	27122
Hemiarthroplasty, hip, partial (eg, femoral stem prosthesis, bipolar arthroplasty)	27125
Arthroplasty, acetabular and proximal femoral prosthetic replacement (total hip arthroplasty), with or without autograft or allograft	27130
Conversion of previous hip surgery to total hip arthroplasty, with or without autograft or allograft	27132
Revision of total hip arthroplasty; both components, with or without autograft or allograft	27134
Revision of total hip arthroplasty; acetabular component only, with or without autograft or allograft	27137
Revision of total hip arthroplasty; femoral component only, with or without allograft	27138
Osteotomy and transfer of greater trochanter of femur (separate procedure)	27140
Osteotomy, iliac, acetabular or innominate bone;	27146
Osteotomy, iliac, acetabular or innominate bone; with open reduction of hip	27147
Osteotomy, iliac, acetabular or innominate bone; with femoral osteotomy	27151
Osteotomy, iliac, acetabular or innominate bone; with femoral osteotomy and with open reduction of hip	27156
Osteotomy, femoral neck (separate procedure)	27161
Osteotomy, intertrochanteric or subtrochanteric including internal or external fixation and/or cast	27165

Procedure Codes

Hip (CONT)	CODES
Bone graft, femoral head, neck, intertrochanteric or subtrochanteric area (includes obtaining bone graft)	27170
Treatment of slipped femoral epiphysis; by traction, without reduction	27175
Treatment of slipped femoral epiphysis; by single or multiple pinning, in situ	27176
Open treatment of slipped femoral epiphysis; single or multiple pinning or bone graft (includes obtaining graft)	27177
Open treatment of slipped femoral epiphysis; osteoplasty of femoral neck (Heyman type procedure)	27179
Open treatment of slipped femoral epiphysis; osteotomy and internal fixation	27181
Epiphyseal arrest by epiphysiodesis or stapling, greater trochanter of femur	27185
Prophylactic treatment (nailing, pinning, plating or wiring) with or without methylmethacrylate, femoral neck and proximal femur	27187
Manipulation, hip joint, requiring general anesthesia	27275
Arthrodesis, sacroiliac joint, percutaneous or minimally invasive (indirect visualization), with image guidance, includes obtaining bone graft when performed, and placement of transfixing device	27279
Arthrodesis, open, sacroiliac joint, including obtaining bone graft, including instrumentation, when performed	27280
Arthrodesis, symphysis pubis (including obtaining graft)	27282
Arthrodesis, hip joint (including obtaining graft);	27284
Arthrodesis, hip joint (including obtaining graft); with subtrochanteric osteotomy	27286
Arthroscopy, hip, diagnostic with or without synovial biopsy (separate procedure)	29860
Arthroscopy, hip, surgical; with removal of loose body or foreign body	29861
Arthroscopy, hip, surgical; with debridement/shaving of articular cartilage (chondroplasty), abrasion arthroplasty, and/or resection of labrum	29862
Arthroscopy, hip, surgical; with synovectomy	29863
Arthroscopy, hip, surgical; with femoroplasty (ie, treatment of cam lesion)	29914
Arthroscopy, hip, surgical; with acetabuloplasty (ie, treatment of pincer lesion)	29915
Arthroscopy, hip, surgical; with labral repair	29916

Procedure Codes

Knee	CODES
Incision and drainage, deep abscess, bursa, or hematoma, thigh or knee region	27301
Incision, deep, with opening of bone cortex, femur or knee (eg, osteomyelitis or bone abscess)	27303
Arthrotomy, knee, with exploration, drainage, or removal of foreign body (eg, infection)	27310
Arthrotomy, knee; including joint exploration, biopsy, or removal of loose or foreign bodies	27331
Arthrotomy, with excision of semilunar cartilage (meniscectomy) knee; medial OR lateral	27332
Arthrotomy, with excision of semilunar cartilage (meniscectomy) knee; medial AND lateral	27333
Arthrotomy, with synovectomy, knee; anterior OR posterior	27334
Arthrotomy, with synovectomy, knee; anterior AND posterior including popliteal area	27335
Excision, prepatellar bursa	27340
Excision of lesion of meniscus or capsule (eg, cyst, ganglion), knee	27347
Partial excision (craterization, saucerization, or diaphysectomy) bone, femur, proximal tibia and/or fibula (eg, osteomyelitis or bone abscess)	27360
Removal of foreign body, deep, thigh region or knee area	27372
Arthrotomy with meniscus repair, knee	27403
Repair, primary, torn ligament and/or capsule, knee; collateral	27405
Repair, primary, torn ligament and/or capsule, knee; cruciate	27407
Repair, primary, torn ligament and/or capsule, knee; collateral and cruciate ligaments	27409
Autologous chondrocyte implantation, knee	27412
Osteochondral allograft, knee, open	27415
Osteochondral autograft(s), knee, open (eg, mosaicplasty) (includes harvesting of autograft[s])	27416
Anterior tibial tubercleplasty (eg, Maquet type procedure)	27418
Reconstruction of dislocating patella; (eg, Hauser type procedure)	27420
Reconstruction of dislocating patella; with extensor realignment and/or muscle advancement or release (eg, Campbell, Goldwaite type procedure)	27422
Reconstruction of dislocating patella; with patellectomy	27424
Lateral retinacular release, open	27425
Ligamentous reconstruction (augmentation), knee; extra-articular	27427
Ligamentous reconstruction (augmentation), knee; intra-articular (open)	27428
Ligamentous reconstruction (augmentation), knee; intra-articular (open) and extra-articular	27429
Arthroplasty, patella; without prosthesis	27437
Arthroplasty, patella; with prosthesis	27438
Arthroplasty, knee, tibial plateau;	27440
Arthroplasty, knee, tibial plateau; with debridement and partial synovectomy	27441
Arthroplasty, femoral condyles or tibial plateau(s), knee;	27442
Arthroplasty, femoral condyles or tibial plateau(s), knee; with debridement and partial synovectomy	27443
Arthroplasty, knee, hinge prosthesis (eg, Walldius type)	27445
Arthroplasty, knee, condyle and plateau; medial OR lateral compartment	27446
Arthroplasty, knee, condyle and plateau; medial AND lateral compartments with or without patella resurfacing (total knee arthroplasty)	27447
Osteotomy, multiple, with realignment on intramedullary rod, femoral shaft (eg, Sofield type procedure)	27454
Osteotomy, proximal tibia, including fibular excision or osteotomy (includes correction of genu varus [bowleg] or genu valgus [knock-knee]); before epiphyseal closure	27455

Procedure Codes

Knee - CONT	CODES
Osteotomy, proximal tibia, including fibular excision or osteotomy (includes correction of genu varus [bowleg] or genu valgus [knock-knee]); after epiphyseal closure	27457
Osteoplasty, femur; shortening (excluding 64876)	27465
Osteoplasty, femur; lengthening	27466
Repair, nonunion or malunion, femur, distal to head and neck; without graft (eg, compression technique)	27470
Repair, nonunion or malunion, femur, distal to head and neck; with iliac or other autogenous bone graft (includes obtaining graft)	27472
Revision of total knee arthroplasty, with or without allograft; 1 component	27486
Revision of total knee arthroplasty, with or without allograft; femoral and entire tibial component	27487
Removal of prosthesis, including total knee prosthesis, methylmethacrylate with or without insertion of spacer, knee	27488
Prophylactic treatment (nailing, pinning, plating, or wiring) with or without methylmethacrylate, femur	27495
Open treatment of distal femoral epiphyseal separation, includes internal fixation, when performed	27519
Manipulation of knee joint under general anesthesia (includes application of traction or other fixation devices)	27570
Arthrodesis, knee, any technique	27580
Arthroscopically aided treatment of tibial fracture, proximal (plateau); unicondylar, includes internal fixation, when performed (includes arthroscopy)	29855
Arthroscopically aided treatment of tibial fracture, proximal (plateau); bicondylar, includes internal fixation, when performed (includes arthroscopy)	29856
Arthroscopy, knee, surgical; osteochondral autograft(s) (eg, mosaicplasty) (includes harvesting of the autograft[s])	29866
Arthroscopy, knee, surgical; osteochondral allograft (eg, mosaicplasty)	29867
Arthroscopy, knee, surgical; meniscal transplantation (includes arthrotomy for meniscal insertion), medial or lateral	29868
Arthroscopy, knee, diagnostic, with or without synovial biopsy (separate procedure)	29870
Arthroscopy, knee, surgical; for infection, lavage and drainage	29871
Arthroscopy, knee, surgical; with lateral release	29873
Arthroscopy, knee, surgical; for removal of loose body or foreign body (eg, osteochondritis dissecans fragmentation, chondral fragmentation)	29874
Arthroscopy, knee, surgical; synovectomy, limited (eg, plica or shelf resection) (separate procedure)	29875
Arthroscopy, knee, surgical; synovectomy, major, 2 or more compartments (eg, medial or lateral)	29876
Arthroscopy, knee, surgical; debridement/shaving of articular cartilage (chondroplasty)	29877
Arthroscopy, knee, surgical; abrasion arthroplasty (includes chondroplasty where necessary) or multiple drilling or microfracture	29879
Arthroscopy, knee, surgical; with meniscectomy (medial AND lateral, including any meniscal shaving) including debridement/shaving of articular cartilage (chondroplasty), same or separate compartment(s), when performed	29880
Arthroscopy, knee, surgical; with meniscectomy (medial OR lateral, including any meniscal shaving) including debridement/shaving of articular cartilage (chondroplasty), same or separate compartment(s), when performed	29881
Arthroscopy, knee, surgical; with meniscus repair (medial OR lateral)	29882
Arthroscopy, knee, surgical; with meniscus repair (medial AND lateral)	29883

Procedure Codes

Knee - CONT	CODES
Arthroscopy, knee, surgical; with lysis of adhesions, with or without manipulation (separate procedure)	29884
Arthroscopy, knee, surgical; drilling for osteochondritis dissecans with bone grafting, with or without internal fixation (including debridement of base of lesion)	29885
Arthroscopy, knee, surgical; drilling for intact osteochondritis dissecans lesion	29886
Arthroscopy, knee, surgical; drilling for intact osteochondritis dissecans lesion with internal fixation	29887
Arthroscopically aided anterior cruciate ligament repair/augmentation or reconstruction	29888
Arthroscopically aided posterior cruciate ligament repair/augmentation or reconstruction	29889