

Procedure Codes

Medicare IP Only = Y means the code can only be requested and authorized to be performed InPatient Hospital

NOTE: Yellow highlight denotes additional procedures for 2026

DIAGNOSTIC IMAGING

CT	CODES:	Medicare IP Only
Computed tomography, head or brain; without contrast material	70450	
Computed tomography, head or brain; with contrast material(s)	70460	
Computed tomography, head or brain; without contrast material, followed by contrast material(s) and further sections	70470	
Computed tomographic angiography (CTA), head and neck, with contrast material(s), including noncontrast images, when performed, and image postprocessing	70471	
Computed tomography, orbit, sella, or posterior fossa or outer, middle, or inner ear; without contrast material	70480	
Computed tomography, orbit, sella, or posterior fossa or outer, middle, or inner ear; with contrast material(s)	70481	
Computed tomography, orbit, sella, or posterior fossa or outer, middle, or inner ear; without contrast material, followed by contrast material(s) and further sections	70482	
Computed tomography, maxillofacial area; without contrast material	70486	
Computed tomography, maxillofacial area; with contrast material(s)	70487	
Computed tomography, maxillofacial area; without contrast material, followed by contrast material(s) and further sections	70488	
Computed tomography, soft tissue neck; without contrast material	70490	
Computed tomography, soft tissue neck; with contrast material(s)	70491	
Computed tomography, soft tissue neck; without contrast material followed by contrast material(s) and further sections	70492	
Computed tomography, thorax, diagnostic; without contrast material	71250	
Computed tomography, thorax, diagnostic; with contrast material(s)	71260	
Computed tomography, thorax, diagnostic; without contrast material, followed by contrast material(s) and further sections	71270	
Computed tomography, thorax, low dose for lung cancer screening, without contrast material(s)	71271	
Computed tomography, cervical spine; without contrast material	72125	
Computed tomography, cervical spine; with contrast material	72126	
Computed tomography, cervical spine; without contrast material, followed by contrast material(s) and further sections	72127	
Computed tomography, thoracic spine; without contrast material	72128	
Computed tomography, thoracic spine; with contrast material	72129	
Computed tomography, thoracic spine; without contrast material, followed by contrast material(s) and further sections	72130	
Computed tomography, lumbar spine; without contrast material	72131	
Computed tomography, lumbar spine; with contrast material	72132	
Computed tomography, lumbar spine; without contrast material, followed by contrast material(s) and further sections	72133	
Computed tomography, pelvis; without contrast material	72192	
Computed tomography, pelvis; with contrast material(s)	72193	
Computed tomography, pelvis; without contrast material, followed by contrast material(s) and further sections	72194	

CT (CONT)

Computed tomography, upper extremity; without contrast material	73200
Computed tomography, upper extremity; with contrast material(s)	73201
Computed tomography, upper extremity; without contrast material, followed by contrast material(s) and further sections	73202
Computed tomography, lower extremity; without contrast material	73700
Computed tomography, lower extremity; with contrast material(s)	73701
Computed tomography, lower extremity; without contrast material, followed by contrast material(s) and further sections	73702
Computed tomography, abdomen; without contrast material	74150
Computed tomography, abdomen; with contrast material(s)	74160
Computed tomography, abdomen; without contrast material, followed by contrast material(s) and further sections	74170
Computed tomography, abdomen and pelvis; without contrast material	74176
Computed tomography, abdomen and pelvis; with contrast material(s)	74177
Computed tomography, abdomen and pelvis; without contrast material in one or both body regions, followed by contrast material(s) and further sections in one or both body regions	74178
Computed tomographic (CT) colonography, diagnostic, including image postprocessing; without contrast material	74261
Computed tomographic (CT) colonography, diagnostic, including image postprocessing; with contrast material(s) including non-contrast images, if performed	74262
Computed tomographic (CT) colonography, screening, including image postprocessing	74263
Computed tomography, limited or localized follow-up study	76380

CIA

Computed tomographic angiography, head, with contrast material(s), including noncontrast images, if performed, and image postprocessing	70496
Computed tomographic angiography, neck, with contrast material(s), including noncontrast images, if performed, and image postprocessing	70498
Computed tomographic angiography, chest (noncoronary), with contrast material(s), including noncontrast images, if performed, and image postprocessing	71275
Computed tomographic angiography, pelvis, with contrast material(s), including noncontrast images, if performed, and image postprocessing	72191
Computed tomographic angiography, upper extremity, with contrast material(s), including noncontrast images, if performed, and image postprocessing	73206
Computed tomographic angiography, lower extremity, with contrast material(s), including noncontrast images, if performed, and image postprocessing	73706
Computed tomographic angiography, abdomen and pelvis, with contrast material(s), including noncontrast images, if performed, and image postprocessing	74174
Computed tomographic angiography, abdomen, with contrast material(s), including noncontrast images, if performed, and image postprocessing	74175
Computed tomography, heart, without contrast material, with quantitative evaluation of coronary calcium	75571
Computed tomography, heart, with contrast material, for evaluation of cardiac structure and morphology (including 3D image postprocessing, assessment of cardiac function, and evaluation of venous structures, if performed)	75572
Computed tomography, heart, with contrast material, for evaluation of cardiac structure and morphology in the setting of congenital heart disease (including 3D image postprocessing, assessment of LV cardiac function, RV structure and function and evaluation of venous structures, if performed)	75573
Computed tomographic angiography, heart, coronary arteries and bypass grafts (when present), with contrast material, including 3D image postprocessing (including evaluation of cardiac structure and morphology, assessment of cardiac function, and evaluation of venous structures, if performed)	75574
Computed tomographic angiography, abdominal aorta and bilateral iliofemoral lower extremity runoff, with contrast material(s), including noncontrast images, if performed, and image postprocessing	75635

MRA	
Magnetic resonance angiography, head; without contrast material(s)	70544
Magnetic resonance angiography, head; with contrast material(s)	70545
Magnetic resonance angiography, head; without contrast material(s) followed by contrast material(s) and further sequences	70546
Magnetic resonance angiography, neck; without contrast material(s)	70547
Magnetic resonance angiography, neck; with contrast material(s)	70548
Magnetic resonance angiography, neck; without contrast material(s), followed by contrast material(s) and further sequences	70549
Magnetic resonance angiography, chest (excluding myocardium), with or without contrast material(s)	71555
Magnetic resonance angiography, spinal canal and contents, with or without contrast material(s)	72159
Magnetic resonance angiography, pelvis, with or without contrast material(s)	72198
Magnetic resonance angiography, upper extremity, with or without contrast material(s)	73225
Magnetic resonance angiography, lower extremity, with or without contrast material(s)	73725
Magnetic resonance angiography, abdomen, with or without contrast material(s)	74185
Magnetic resonance angiography with contrast, abdomen	C8900
Magnetic resonance angiography without contrast, abdomen	C8901
Magnetic resonance angiography without contrast followed by with contrast, abdomen	C8902
Magnetic resonance angiography with contrast, chest (excluding myocardium)	C8909
Magnetic resonance angiography without contrast, chest (excluding myocardium)	C8910
Magnetic resonance angiography without contrast followed by with contrast, chest	C8911
Magnetic resonance angiography with contrast, lower extremity	C8912
Magnetic resonance angiography without contrast, lower extremity	C8913
Magnetic resonance angiography without contrast followed by with contrast, lower extremity	C8914
Magnetic resonance angiography with contrast, pelvis	C8918
Magnetic resonance angiography without contrast, pelvis	C8919
Magnetic resonance angiography without contrast followed by with contrast, pelvis	C8920
Magnetic resonance angiography with contrast, spinal canal and contents	C8931
Magnetic resonance angiography without contrast, spinal canal and contents	C8932
Magnetic resonance angiography without contrast followed by with contrast, spinal canal and contents	C8933
Magnetic resonance angiography with contrast, upper extremity	C8934
Magnetic resonance angiography without contrast, upper extremity	C8935
Magnetic resonance angiography without contrast followed by with contrast, upper extremity	C8936

MRI	
Magnetic resonance (eg, proton) imaging, temporomandibular joint(s)	70336
Magnetic resonance (eg, proton) imaging, orbit, face, and/or neck; without contrast material(s)	70540
Magnetic resonance (eg, proton) imaging, orbit, face, and/or neck; with contrast material(s)	70542
Magnetic resonance (eg, proton) imaging, orbit, face, and/or neck; without contrast material(s), followed by contrast material(s) and further sequences	70543
Magnetic resonance (eg, proton) imaging, brain (including brain stem); without contrast material	70551
Magnetic resonance (eg, proton) imaging, brain (including brain stem); with contrast material	70552
Magnetic resonance (eg, proton) imaging, brain (including brain stem); without contrast material, followed by contrast material(s) and further sequences	70553
Magnetic resonance imaging, brain, functional MRI; including test selection and administration of repetitive body part movement and/or visual stimulation, not requiring physician or psychologist administration	70554
Magnetic resonance imaging, brain, functional MRI; including test selection and administration of repetitive body part movement and/or visual stimulation, requiring physician or psychologist administration of entire neurofunctional testing	70555
Magnetic resonance (eg, proton) imaging, chest (eg, for evaluation of hilar and mediastinal lymphadenopathy); without contrast material(s)	71550
Magnetic resonance (eg, proton) imaging, chest (eg, for evaluation of hilar and mediastinal lymphadenopathy); with contrast material(s)	71551
Magnetic resonance (eg, proton) imaging, chest (eg, for evaluation of hilar and mediastinal lymphadenopathy); without contrast material(s), followed by contrast material(s) and further sequences	71552
Magnetic resonance (eg, proton) imaging, spinal canal and contents, cervical; without contrast material	72141
Magnetic resonance (eg, proton) imaging, spinal canal and contents, cervical; with contrast material(s)	72142
Magnetic resonance (eg, proton) imaging, spinal canal and contents, without contrast material, followed by contrast material(s) and further sequences; cervical	72156
Magnetic resonance (eg, proton) imaging, spinal canal and contents, thoracic without contrast material	72146
Magnetic resonance (eg, proton) imaging, spinal canal and contents, thoracic with contrast material(s)	72147
Magnetic resonance (eg, proton) imaging, spinal canal and contents, without contrast material, followed by contrast material(s) and further sequences; thoracic	72157
Magnetic resonance (eg, proton) imaging, spinal canal and contents, lumbar; without contrast material	72148
Magnetic resonance (eg, proton) imaging, spinal canal and contents, lumbar; with contrast material(s)	72149
Magnetic resonance (eg, proton) imaging, spinal canal and contents, without contrast material, followed by contrast material(s) and further sequences; lumbar	72158
Magnetic resonance (eg, proton) imaging, pelvis; without contrast material(s)	72195
Magnetic resonance (eg, proton) imaging, pelvis; with contrast material(s)	72196
Magnetic resonance (eg, proton) imaging, pelvis; without contrast material(s), followed by contrast material(s) and further sequences	72197
Magnetic resonance (eg, proton) imaging, upper extremity, other than joint; without contrast material(s)	73218
Magnetic resonance (eg, proton) imaging, upper extremity, other than joint; with contrast material(s)	73219
Magnetic resonance (eg, proton) imaging, upper extremity, other than joint; without contrast material(s), followed by contrast material(s) and further sequences	73220

MRI (CONT)

Magnetic resonance (eg, proton) imaging, any joint of upper extremity; without contrast material(s)	73221
Magnetic resonance (eg, proton) imaging, any joint of upper extremity; with contrast material(s)	73222
Magnetic resonance (eg, proton) imaging, any joint of upper extremity; without contrast material(s), followed by contrast material(s) and further sequences	73223
Magnetic resonance (eg, proton) imaging, lower extremity other than joint; without contrast material(s)	73718
Magnetic resonance (eg, proton) imaging, lower extremity other than joint; with contrast material(s)	73719
Magnetic resonance (eg, proton) imaging, lower extremity other than joint; without contrast material(s), followed by contrast material(s) and further sequences	73720
Magnetic resonance (eg, proton) imaging, any joint of lower extremity; without contrast material	73721
Magnetic resonance (eg, proton) imaging, any joint of lower extremity; with contrast material(s)	73722
Magnetic resonance (eg, proton) imaging, any joint of lower extremity; without contrast material(s), followed by contrast material(s) and further sequences	73723
Magnetic resonance (eg, proton) imaging, abdomen; without contrast material(s)	74181
Magnetic resonance (eg, proton) imaging, abdomen; with contrast material(s)	74182
Magnetic resonance (eg, proton) imaging, abdomen; without contrast material(s), followed by with contrast material(s) and further sequences	74183
Magnetic resonance (eg, proton) imaging, fetal, including placental and maternal pelvic imaging when performed; single or first gestation	74712
Cardiac magnetic resonance imaging for morphology and function without contrast material;	75557
Cardiac magnetic resonance imaging for morphology and function without contrast material; with stress imaging	75559
Cardiac magnetic resonance imaging for morphology and function without contrast material(s), followed by contrast material(s) and further sequences;	75561
Cardiac magnetic resonance imaging for morphology and function without contrast material(s), followed by contrast material(s) and further sequences; with stress imaging	75563
Magnetic resonance spectroscopy	76390
Magnetic resonance (eg, vibration) elastography	76391
Magnetic resonance imaging, breast, without contrast material; unilateral	77046
Magnetic resonance imaging, breast, without contrast material; bilateral	77047
Magnetic resonance imaging, breast, without and with contrast material(s), including computer-aided detection (CAD real-time lesion detection, characterization and pharmacokinetic analysis), when performed; unilateral	77048
Magnetic resonance imaging, breast, without and with contrast material(s), including computer-aided detection (CAD real-time lesion detection, characterization and pharmacokinetic analysis), when performed; bilateral	77049
Magnetic resonance (eg, proton) imaging, bone marrow blood supply	77084
Magnetic resonance imaging with contrast, breast; unilateral	C8903
Magnetic resonance imaging without contrast followed by with contrast, breast; unilateral	C8905
Magnetic resonance imaging with contrast, breast; bilateral	C8906
Magnetic resonance imaging without contrast followed by with contrast, breast; bilateral	C8908
Cardiac magnetic resonance imaging for morphology and function, quantification of segmental dysfunction; with strain imaging	C9762
Cardiac magnetic resonance imaging for morphology and function, quantification of segmental dysfunction; with stress imaging	C9763
Magnetic resonance imaging with inhaled hyperpolarized xenon-129 contrast agent, chest, including preparation and administration of agent	C9791
Magnetic resonance cholangiopancreatography (MRCP)	S8037
Magnetic resonance imaging (MRI), low-field	S8042

PET	
Myocardial imaging, positron emission tomography (PET), metabolic evaluation study (including ventricular wall motion(s) and/or ejection fraction(s), when performed, single study; with concurrently acquired computed tomography transmission scan	78429
Myocardial imaging, positron emission tomography (PET), perfusion study (including ventricular wall motion(s) and/or ejection fraction(s), when performed; single study, at rest or stress (exercise or pharmacologic), with concurrently acquired computed tomography transmission scan	78430
Myocardial imaging, positron emission tomography (PET), perfusion study (including ventricular wall motion(s) and/or ejection fraction(s), when performed; multiple studies, at rest and stress (exercise or pharmacologic), with concurrently acquired computed tomography transmission scan	78431
Myocardial imaging, positron emission tomography (PET), combined perfusion with metabolic evaluation study (including ventricular wall motion(s) and/or ejection fraction(s), when performed), dual radiotracer (eg, myocardial viability);	78432
Myocardial imaging, positron emission tomography (PET), combined perfusion with metabolic evaluation study (including ventricular wall motion(s) and/or ejection fraction(s), when performed), dual radiotracer (eg, myocardial viability); with concurrently acquired computed tomography transmission scan	78433
Myocardial imaging, positron emission tomography (PET), metabolic evaluation study (including ventricular wall motion(s) and/or ejection fraction(s), when performed, single study;	78459
Myocardial imaging, positron emission tomography (PET), perfusion study (including ventricular wall motion(s) and/or ejection fraction(s), when performed; single study at rest or stress (exercise or pharmacologic)	78491
Myocardial imaging, positron emission tomography (PET), perfusion study (including ventricular wall motion(s) and/or ejection fraction(s), when performed; multiple studies at rest or and stress (exercise or pharmacologic)	78492
Brain imaging, positron emission tomography (PET); metabolic evaluation	78608
Brain imaging, positron emission tomography (PET); perfusion evaluation	78609
Positron emission tomography (PET) imaging; limited area (eg, chest, head/neck)	78811
Positron emission tomography (PET) imaging; skull base to mid-thigh	78812
Positron emission tomography (PET) imaging; whole body	78813
Positron emission tomography (PET) with concurrently acquired computed tomography (CT) for attenuation correction and anatomical localization imaging; limited area (eg, chest, head/neck)	78814
Positron emission tomography (PET) with concurrently acquired computed tomography (CT) for attenuation correction and anatomical localization imaging; skull base to mid-thigh	78815
Positron emission tomography (PET) with concurrently acquired computed tomography (CT) for attenuation correction and anatomical localization imaging; whole body	78816
PET imaging whole body; melanoma for noncovered indications	G0219
PET imaging, any site, not otherwise specified	G0235
PET imaging, full and partial-ring PET scanners only, for initial diagnosis of breast cancer and/or surgical planning for breast cancer (e.g., initial staging of axillary lymph nodes)	G0252

RADIOPHARMACEUTICALS***Auth is required when requesting PSMA only**

*Gallium Ga-68, dotatate, diagnostic, 0.1 millicurie	A9587
*Gallium Ga-68 PSMA-11, diagnostic, (UCSF), 1 millicurie	A9593
*Gallium Ga-68 PSMA-11, diagnostic, (UCLA), 1 millicurie	A9594
*Piflufolastat f-18, diagnostic, (Pylarify), 1 millicurie	A9595
*Gallium Ga-68 gozetotide, diagnostic, (Ilucix), 1 millicurie	A9596
*Positron emission tomography radiopharmaceutical, diagnostic, for tumor identification, not otherwise classified	A9597
*Flotufolastat F18, diagnostic, 1 millicurie	A9608
*Gallium ga-68 gozetotide (gozellix), diagnostic, 1 millicurie	A9616
*Gallium Ga-68 gozetotide, diagnostic, (Locametz), 1 millicurie	A9800

CARDIAC IMAGING	
Cardiac Nuclear Medicine	
Myocardial perfusion imaging, tomographic (SPECT) (including attenuation correction, qualitative or quantitative wall motion, ejection fraction by first pass or gated technique, additional quantification, when performed); single study, at rest or stress (exercise or pharmacologic)	78451
Myocardial perfusion imaging, tomographic (SPECT) (including attenuation correction, qualitative or quantitative wall motion, ejection fraction by first pass or gated technique, additional quantification, when performed); multiple studies, at rest and/or stress (exercise or pharmacologic) and/or redistribution and/or reinjection	78452
Myocardial perfusion imaging, planar (including qualitative or quantitative wall motion, ejection fraction by first pass or gated technique, additional quantification, when performed); single study, at rest or stress (exercise or pharmacologic)	78453
Myocardial perfusion imaging, planar (including qualitative or quantitative wall motion, ejection fraction by first pass or gated technique, additional quantification, when performed); multiple studies, at rest and/or stress (exercise or pharmacologic) and/or redistribution and/or reinjection	78454
Myocardial imaging, infarct avid, planar; qualitative or quantitative	78466
Myocardial imaging, infarct avid, planar; with ejection fraction by first pass technique	78468
Myocardial imaging, infarct avid, planar; tomographic SPECT with or without quantification	78469
Cardiac blood pool imaging, gated equilibrium; planar, single study at rest or stress (exercise and/or pharmacologic), wall motion study plus ejection fraction, with or without additional quantitative processing	78472
Cardiac blood pool imaging, gated equilibrium; multiple studies, wall motion study plus ejection fraction, at rest and stress (exercise and/or pharmacologic), with or without additional quantification	78473
Cardiac blood pool imaging (planar), first pass technique; single study, at rest or with stress (exercise and/or pharmacologic), wall motion study plus ejection fraction, with or without quantification	78481
Cardiac blood pool imaging (planar), first pass technique; multiple studies, at rest and with stress (exercise and/or pharmacologic), wall motion study plus ejection fraction, with or without quantification	78483
Cardiac blood pool imaging, gated equilibrium, SPECT, at rest, wall motion study plus ejection fraction, with or without quantitative processing	78494
Cardiac Catheterization	
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(ies) for coronary angiography, including intraprocedural injection(s) for coronary angiography, imaging supervision and interpretation, with intravascular doppler velocity and/or pressure derived coronary flow reserve measurement (initial coronary vessel or graft) during coronary angiography including pharmacologically induced stress	C7568

Cardiac Catheterization (CONT)

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
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 with intraprocedural coronary fractional flow reserve (ffr) with 3d functional mapping of color-coded ffr values for the coronary tree, derived from coronary angiogram data, for real-time review and interpretation of possible atherosclerotic stenosis(es) intervention	C7562
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 transseptal 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

Cardiac Catheterization (CONT)

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
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
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

CARDIOLOGY**Cardiac Devices: Pacemakers**

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
Removal of permanent epicardial pacemaker and electrodes by thoracotomy dual lead system	33237
Removal of permanent transvenous electrode(s) by thoracotomy	33238

Cardiac Devices: Leadless Pacemakers (e.g., Micra Transcatheter Pacing System [TPS])

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: Automatic Implantable Cardioverter Defibrillator (AICD)	
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
Cardiac Devices: Automatic Implantable Cardioverter Defibrillator (AICD) CONT	
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
Cardiac Devices: Cardiac Resynchronization Therapy - Pacemaker (CRT-P)	
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)	
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
Cardiac Devices: Implantable Cardioverter-Defibrillator with Substernal Electrode	
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: Wearable	
Initial set-up and programming by a physician of wearable cardioverter-defibrillator includes initial programming of system, establishing baseline electronic ECG, transmission of data to data repository, patient instruction in wearing system and patient reporting of problems or events	93745
Automatic external defibrillator, with integrated electrocardiogram analysis, garment type	K0606
Replacement battery for automated external defibrillator, garment type only, each	K0607
Replacement garment for use with automated external defibrillator, each	K0608
Replacement electrodes for use with automated external defibrillator, garment type only, each	K0609

Cardiac Devices: HCPCS

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)		Medicare IP Only
Transcatheter aortic valve replacement (TAVR/TAVI) with prosthetic valve; percutaneous femoral artery approach	33361	Y
Transcatheter aortic valve replacement (TAVR/TAVI) with prosthetic valve; open femoral artery approach	33362	Y
Transcatheter aortic valve replacement (TAVR/TAVI) with prosthetic valve; open axillary artery approach	33363	Y
Transcatheter aortic valve replacement (TAVR/TAVI) with prosthetic valve; open iliac artery approach	33364	Y
Transcatheter aortic valve replacement (TAVR/TAVI) with prosthetic valve; transaortic approach (eg, median sternotomy, mediastinotomy)	33365	Y
Transcatheter aortic valve replacement (TAVR/TAVI) with prosthetic valve; transapical exposure (eg, left thoracotomy)	33366	Y
Cardiac Devices: Transcatheter Mitral Valve Repair (TMVR, MitraClip)		Medicare IP Only
Transcatheter mitral valve repair, percutaneous approach, including transeptal puncture when performed; initial prosthesis	33418	Y
Transcatheter mitral valve repair percutaneous approach via the coronary sinus	0345T	Y
Cardiac Devices: Ventricular Assist Device (VAD)		Medicare IP Only
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	
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	Y
Insertion of ventricular assist device, percutaneous including radiological supervision and interpretation; left heart, both arterial and venous access, with transeptal puncture	33991	Y
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	Y
Cardiac Devices: Left Atrial Appendage Closure Device (e.g., Watchman)		Medicare IP Only
Percutaneous transcatheter closure of the left atrial appendage with endocardial implant, including fluoroscopy, transeptal puncture, catheter placement(s), left atrial angiography, left atrial appendage angiography, when performed, and radiological supervision and interpretation	33340	Y

Cardiac Devices: Implantable Hemodynamic Monitors (i.e., CardioMEMS)

Transcatheter implantation of wireless pulmonary artery pressure sensor for long-term hemodynamic monitoring, including deployment and calibration of the sensor, right heart catheterization, selective pulmonary catheterization, radiological supervision and interpretation, and pulmonary artery angiography, when performed 33289

Remote monitoring of a wireless pulmonary artery pressure sensor for up to 30 days, including at least weekly downloads of pulmonary artery pressure recordings, interpretation(s), trend analysis, and report(s) by a physician or other qualified health care professional 93264

Implantable wireless pulmonary artery pressure sensor with delivery catheter, including all system components C2624

Cardiac Devices: Implantable Loop Recorder

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

Cardiac Devices: Mobile Cardiovascular Telemetry (MCT)

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

Percutaneous Coronary Intervention (PCI) (Atherectomy, Angioplasty, Stenting)

Percutaneous transluminal coronary angioplasty; single major coronary artery or branch	92920
Percutaneous transluminal coronary atherectomy with coronary angioplasty when performed single major coronary artery or branch	92924
Percutaneous transcatheter placement of intracoronary stent(s), with coronary angioplasty when performed, single major coronary artery and/or its branch(es); 1 lesion involving 1 or more coronary segments	92928
Percutaneous transcatheter placement of intracoronary stent(s), with coronary angioplasty when performed, single major coronary artery and/or its branch(es); 2 or more distinct coronary lesions with 2 or more coronary stents deployed in 2 or more coronary segments, or a bifurcation lesion requiring angioplasty and/or stenting in both the main artery and the side branch	92930
Percutaneous transluminal coronary atherectomy with intracoronary stent with coronary angioplasty when performed single major coronary artery or branch	92933
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 major coronary artery and/or its branches	92937
Percutaneous transluminal revascularization of chronic total occlusion, single coronary artery, coronary artery branch, or coronary artery bypass graft, and/or subtended major coronary artery branches of the bypass graft, any combination of intracoronary stent, atherectomy and angioplasty; antegrade approach	92943
Percutaneous transluminal revascularization of chronic total occlusion, single coronary artery, coronary artery branch, or coronary artery bypass graft, and/or subtended major coronary artery branches of the bypass graft, any combination of intracoronary stent, atherectomy and angioplasty; combined antegrade and retrograde approaches	92945
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 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
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 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; single vessel	C9607
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

Interventional Cardiology: Electrophysiological Studies (EPS) - Arrhythmia Induction and Mapping

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
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

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 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 ventricular tachycardia or focus of ventricular ectopy including intracardiac electrophysiologic 3D mapping, when performed, and left ventricular pacing and recording, when performed 93654

Comprehensive electrophysiologic evaluation including transseptal catheterizations, insertion and repositioning of multiple electrode catheters with induction or attempted induction of an arrhythmia including left or right atrial pacing/recording when necessary, right ventricular pacing/recording when necessary, and His bundle recording when necessary with intracardiac catheter ablation of atrial fibrillation by pulmonary vein isolation 93656

BIOPSY & SURGICAL SERVICES		
Thoracic Aortic Aneurysm		Medicare IP Only
Descending thoracic aorta graft, with or without bypass	33875	Y
Repair of thoracoabdominal aortic aneurysm with graft, with or without cardiopulmonary bypass	33877	Y
Endovascular repair of thoracic aorta, including pre-procedure sizing and device selection, nonselective catheterization(s), all associated radiological supervision and interpretation; by deployment of an aorto-aortic tube endograft covering the left subclavian artery and all aortic tube endograft extension(s) proximally in the aortic arch and ascending aorta and distally to the celiac artery, when performed	33880	Y
Endovascular repair of thoracic aorta, including pre-procedure sizing and device selection, nonselective catheterization(s), all associated radiological supervision and interpretation; by deployment of an aorto-aortic tube endograft not involving coverage of the left subclavian artery origin and all endograft extension(s) placed from the level of the left subclavian carotid artery to the celiac artery	33881	Y
Endovascular repair of the thoracic aorta by deployment of a branched endograft multipiece system involving an aorto-aortic tube device with a fenestration for the left subclavian artery stent graft(s) and all aortic tube endograft extension(s) placed from the level of the left common carotid artery to the celiac artery, including pre-procedure sizing and device selection, all target zone angioplasty, all nonselective catheterization(s) and left subclavian artery selective catheterization(s), and all associated radiological supervision and interpretation	33882	Y
Delayed placement of proximal extension prosthesis(es) not involving coverage of the left subclavian artery origin, after endovascular repair of the thoracic aorta, including pre-procedure sizing and device selection, nonselective catheterization(s), all associated radiological supervision and interpretation, and treatment zone angioplasty/stenting, when performed	33883	Y
Delayed placement of distal extension prosthesis(es) from the level of the left subclavian artery to the celiac artery, after endovascular repair of descending thoracic aorta, including pre-procedure sizing and device selection, all nonselective catheterization(s), all associated radiological supervision and interpretation	33886	Y

Abdominal Aortic Aneurysm	Medicare IP Only	
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	Y
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	Y
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	Y
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	Y
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	Y
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	Y
Open repair of infrarenal aortic aneurysm or dissection, plus repair of associated arterial trauma, following unsuccessful endovascular repair; tube prosthesis	34830	Y
Open repair of infrarenal aortic aneurysm or dissection, plus repair of associated arterial trauma, following unsuccessful endovascular repair; aorto-bi-iliac prosthesis	34831	Y
Open repair of infrarenal aortic aneurysm or dissection, plus repair of associated arterial trauma, following unsuccessful endovascular repair; aorto-bifemoral prosthesis	34832	Y

Abdominal Aortic Aneurysm (CONT)**Medicare IP
Only**

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	Y
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	Y
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	Y
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	Y
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	Y
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 endoprostheses (superior mesenteric, celiac and/or renal artery[s])	34846	Y
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 endoprostheses (superior mesenteric, celiac and/or renal artery[s])	34847	Y
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 endoprostheses (superior mesenteric, celiac and/or renal artery[s])	34848	Y

Carotid Revascularization		Medicare IP Only
Thromboendarterectomy, including patch graft, if performed; carotid, vertebral, subclavian, by neck incision	35301	Y
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	Y
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	Y
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	Y
Endovenous ablation		
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	
Peripheral Angiography		
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	

Varicose Vein Interventions

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
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

Peripheral Re-vascularization (Atherectomy, Angioplasty, Stenting)

Revascularization, endovascular, open or percutaneous, iliac vascular territory, with transluminal angioplasty, including all maneuvers necessary for accessing and selectively catheterizing the artery and crossing the lesion, including all imaging guidance and radiological supervision and interpretation necessary to perform the angioplasty within the same artery, unilateral; straightforward lesion, initial vessel 37254

Revascularization, endovascular, open or percutaneous, iliac vascular territory, with transluminal angioplasty, including all maneuvers necessary for accessing and selectively catheterizing the artery and crossing the lesion, including all imaging guidance and radiological supervision and interpretation necessary to perform the angioplasty within the same artery, unilateral; complex lesion, initial vessel 37256

Revascularization, endovascular, open or percutaneous, iliac vascular territory, with transluminal stent placement, including transluminal angioplasty when performed, including all maneuvers necessary for accessing and selectively catheterizing the artery and crossing the lesion, including all imaging guidance and radiological supervision and interpretation necessary to perform the stent placement and angioplasty when performed, within the same artery, unilateral; straightforward lesion, initial vessel 37258

Revascularization, endovascular, open or percutaneous, iliac vascular territory, with transluminal stent placement, including transluminal angioplasty when performed, including all maneuvers necessary for accessing and selectively catheterizing the artery and crossing the lesion, including all imaging guidance and radiological supervision and interpretation necessary to perform the stent placement and angioplasty when performed, within the same artery, unilateral; complex lesion, initial vessel 37260

Revascularization, endovascular, open or percutaneous, femoral and popliteal vascular territory, with transluminal angioplasty, including all maneuvers necessary for accessing and selectively catheterizing the artery and crossing the lesion, including all imaging guidance and radiological supervision and interpretation necessary to perform the angioplasty within the same artery, unilateral; straightforward lesion, initial vessel 37263

Peripheral Re-vascularization (Atherectomy, Angioplasty, Stenting) CONT

Revascularization, endovascular, open or percutaneous, femoral and popliteal vascular territory, with transluminal angioplasty, including all maneuvers necessary for accessing and selectively catheterizing the artery and crossing the lesion, including all imaging guidance and radiological supervision and interpretation necessary to perform the angioplasty within the same artery, unilateral; complex lesion, initial vessel 37265

Revascularization, endovascular, open or percutaneous, femoral and popliteal vascular territory, with transluminal stent placement, including transluminal angioplasty when performed, including all maneuvers necessary for accessing and selectively catheterizing the artery and crossing the lesion, including all imaging guidance and radiological supervision and interpretation necessary to perform the stent placement and angioplasty when performed, within the same artery, unilateral; straightforward lesion, initial vessel 37267

Revascularization, endovascular, open or percutaneous, femoral and popliteal vascular territory, with transluminal stent placement, including transluminal angioplasty when performed, including all maneuvers necessary for accessing and selectively catheterizing the artery and crossing the lesion, including all imaging guidance and radiological supervision and interpretation necessary to perform the stent placement and angioplasty when performed, within the same artery, unilateral; complex lesion, initial vessel 37269

Revascularization, endovascular, open or percutaneous, femoral and popliteal vascular territory, with transluminal atherectomy, including transluminal angioplasty when performed, including all maneuvers necessary for accessing and selectively catheterizing the artery and crossing the lesion, including all imaging guidance and radiological supervision and interpretation necessary to perform the atherectomy and angioplasty when performed, within the same artery, unilateral; straightforward lesion, initial vessel 37271

Revascularization, endovascular, open or percutaneous, femoral and popliteal vascular territory, with transluminal atherectomy, including transluminal angioplasty when performed, including all maneuvers necessary for accessing and selectively catheterizing the artery and crossing the lesion, including all imaging guidance and radiological supervision and interpretation necessary to perform the atherectomy and angioplasty when performed, within the same artery, unilateral; complex lesion, initial vessel 37273

Revascularization, endovascular, open or percutaneous, femoral and popliteal vascular territory, with transluminal stent placement, with transluminal atherectomy, including transluminal angioplasty when performed, including all maneuvers necessary for accessing and selectively catheterizing the artery and crossing the lesion, including all imaging guidance and radiological supervision and interpretation necessary to perform the stent placement, atherectomy, and angioplasty when performed, within the same artery, unilateral; straightforward lesion, initial vessel 37275

Revascularization, endovascular, open or percutaneous, femoral and popliteal vascular territory, with transluminal stent placement, with transluminal atherectomy, including transluminal angioplasty when performed, including all maneuvers necessary for accessing and selectively catheterizing the artery and crossing the lesion, including all imaging guidance and radiological supervision and interpretation necessary to perform the stent placement, atherectomy, and angioplasty when performed, within the same artery, unilateral; complex lesion, initial vessel 37277

Peripheral Re-vascularization (Atherectomy, Angioplasty, Stenting) CONT

Revascularization, endovascular, open or percutaneous, tibial and peroneal vascular territory, with transluminal angioplasty, including all maneuvers necessary for accessing and selectively catheterizing the artery and crossing the lesion, including all imaging guidance and radiological supervision and interpretation necessary to perform the angioplasty within the same artery, unilateral; straightforward lesion, initial vessel 37280

Revascularization, endovascular, open or percutaneous, tibial and peroneal vascular territory, with transluminal angioplasty, including all maneuvers necessary for accessing and selectively catheterizing the artery and crossing the lesion, including all imaging guidance and radiological supervision and interpretation necessary to perform the angioplasty within the same artery, unilateral; complex lesion, initial vessel 37282

Revascularization, endovascular, open or percutaneous, tibial and peroneal vascular territory, with transluminal stent placement, including transluminal angioplasty when performed, including all maneuvers necessary for accessing and selectively catheterizing the artery and crossing the lesion, including all imaging guidance and radiological supervision and interpretation necessary to perform the stent placement and angioplasty when performed, within the same artery, unilateral; straightforward lesion, initial vessel 37284

Revascularization, endovascular, open or percutaneous, tibial and peroneal vascular territory, with transluminal stent placement, including transluminal angioplasty when performed, including all maneuvers necessary for accessing and selectively catheterizing the artery and crossing the lesion, including all imaging guidance and radiological supervision and interpretation necessary to perform the stent placement and angioplasty when performed, within the same artery, unilateral; complex lesion, initial vessel 37286

Revascularization, endovascular, open or percutaneous, tibial and peroneal vascular territory, with transluminal atherectomy, including transluminal angioplasty when performed, including all maneuvers necessary for accessing and selectively catheterizing the artery and crossing the lesion, including all imaging guidance and radiological supervision and interpretation necessary to perform the atherectomy and angioplasty when performed, within the same artery, unilateral; straightforward lesion, initial vessel 37288

Revascularization, endovascular, open or percutaneous, tibial and peroneal vascular territory, with transluminal atherectomy, including transluminal angioplasty when performed, including all maneuvers necessary for accessing and selectively catheterizing the artery and crossing the lesion, including all imaging guidance and radiological supervision and interpretation necessary to perform the atherectomy and angioplasty when performed, within the same artery, unilateral; complex lesion, initial vessel 37290

Revascularization, endovascular, open or percutaneous, tibial and peroneal vascular territory, with transluminal stent placement, with transluminal atherectomy, including transluminal angioplasty when performed, including all maneuvers necessary for accessing and selectively catheterizing the artery and crossing the lesion, including all imaging guidance and radiological supervision and interpretation necessary to perform the stent placement, atherectomy, and angioplasty when performed, within the same artery, unilateral; straightforward lesion, initial vessel 37292

Revascularization, endovascular, open or percutaneous, tibial and peroneal vascular territory, with transluminal stent placement, with transluminal atherectomy, including 37294

Revascularization, endovascular, open or percutaneous, inframalleolar vascular territory, with transluminal angioplasty, including all maneuvers necessary for accessing and selectively catheterizing the artery and crossing the lesion, including all imaging guidance and radiological supervision and interpretation necessary to perform the angioplasty within the same artery, unilateral; straightforward lesion, initial vessel 37296

Peripheral Re-vascularization (Atherectomy, Angioplasty, Stenting) CONT

Revascularization, endovascular, open or percutaneous, inframalleolar vascular territory, with transluminal angioplasty, including all maneuvers necessary for accessing and selectively catheterizing the artery and crossing the lesion, including all imaging guidance and radiological supervision and interpretation necessary to perform the angioplasty within the same artery, unilateral; complex lesion, initial vessel 37298

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

Transluminal balloon angioplasty (except lower extremity artery(ies) for occlusive disease, intracranial, coronary, pulmonary, or dialysis circuit), open or percutaneous, including all imaging and radiological supervision and interpretation necessary to perform the angioplasty within the same artery, initial artery and all additional arteries C7563

MUSCULOSKELETAL
Hip
**Medicare IP
Only**

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
Excision of bone cyst or benign tumor, wing of ilium, symphysis pubis, or greater trochanter of femur; superficial, includes autograft, when performed	27065
Excision of bone cyst or benign tumor, wing of ilium, symphysis pubis, or greater trochanter of femur; with autograft requiring separate incision	27067
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
Radical resection of tumor; wing of ilium, 1 pubic or ischial ramus or symphysis pubis	27075
Radical resection of tumor; ilium, including acetabulum, both pubic rami, or ischium and acetabulum	27076
Radical resection of tumor; innominate bone, total	27077
Radical resection of tumor; ischial tuberosity and greater trochanter of femur	27078
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

Hip (CONT)	Medicare IP Only
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
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; closed manipulation with single or multiple pinning	27178
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, with image guidance, includes obtaining bone graft when performed, unilateral; placement of transarticular device(s) and/or intra-articular device(s) piercing the lateral or medial cortices of the ilium and the lateral cortex of the sacrum	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
Metal-on-metal total hip resurfacing, including acetabular and femoral components	S2118

Knee	Medicare IP Only
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
Excision or curettage of bone cyst or benign tumor of femur;	27355
Excision or curettage of bone cyst or benign tumor of femur; with allograft	27356
Excision or curettage of bone cyst or benign tumor of femur; with autograft (includes obtaining graft)	27357
Partial excision (craterization, saucerization, or diaphysectomy) bone, femur, proximal tibia and/or fibula (eg, osteomyelitis or bone abscess)	27360
Radical resection of tumor (eg, sarcoma), soft tissue of thigh or knee area; less than 5 cm	27329
Radical resection of tumor (eg, sarcoma), soft tissue of thigh or knee area; 5 cm or greater	27364
Radical resection of tumor, femur or knee	27365
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, condyle and plateau; medial OR lateral compartment	27446

Knee (CONT)	Medicare IP Only
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
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
Closed treatment of distal femoral epiphyseal separation; without manipulation	27516
Closed treatment of distal femoral epiphyseal separation; with manipulation, with or without skin or skeletal traction	27517
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 intercondylar spine(s) and/or tuberosity fracture(s) of the knee, with or without manipulation; without internal or external fixation (includes arthroscopy)	29850
Arthroscopically aided treatment of intercondylar spine(s) and/or tuberosity fracture(s) of the knee, with or without manipulation; with internal or external fixation (includes arthroscopy)	29851
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

Knee (CONT)

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
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

Shoulder	Medicare IP Only
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	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	23130
Excision or curettage of bone cyst or benign tumor of clavicle or scapula;	23140
Excision or curettage of bone cyst or benign tumor of clavicle or scapula; with autograft (includes obtaining graft)	23145
Excision or curettage of bone cyst or benign tumor of clavicle or scapula; with allograft	23146
Excision or curettage of bone cyst or benign tumor of proximal humerus;	23150
Excision or curettage of bone cyst or benign tumor of proximal humerus; with autograft (includes obtaining graft)	23155
Excision or curettage of bone cyst or benign tumor of proximal humerus; with allograft	23156
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
Radical resection of tumor; clavicle	23200
Radical resection of tumor; scapula	23210
Radical resection of tumor, proximal humerus	23220
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	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

Shoulder (CONT)	Medicare IP Only
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; with rotator cuff repair	29827
Arthroscopy, shoulder, surgical; biceps tenodesis	29828

Spine	Medicare IP Only
Posterior vertebral joint(s) arthroplasty (eg, facet joint[s] replacement), including facetectomy, laminectomy, foraminotomy, and vertebral column fixation, injection of bone cement, when performed, including fluoroscopy, single level, lumbar spine	0202T
Placement of a posterior intrafacet implant(s), unilateral or bilateral, including imaging and placement of bone graft(s) or synthetic device(s), single level; cervical	0219T
Placement of a posterior intrafacet implant(s), unilateral or bilateral, including imaging and placement of bone graft(s) or synthetic device(s), single level; thoracic	0220T
Placement of a posterior intrafacet implant(s), unilateral or bilateral, including imaging and placement of bone graft(s) or synthetic device(s), single level; lumbar	0221T
Percutaneous laminotomy/laminectomy (interlaminar approach) for decompression of neural elements, (with or without ligamentous resection, discectomy, facetectomy and/or foraminotomy), any method, under indirect image guidance (eg, fluoroscopic, CT), with or without the use of an endoscope, single or multiple levels, unilateral or bilateral; cervical or thoracic	0274T
Osteotomy of spine, posterior or posterolateral approach, 3 columns, 1 vertebral segment (eg, pedicle/vertebral body subtraction); thoracic	22206
Osteotomy of spine, posterior or posterolateral approach, 3 columns, 1 vertebral segment (eg, pedicle/vertebral body subtraction); lumbar	22207
Osteotomy of spine, posterior or posterolateral approach, 1 vertebral segment; cervical	22210
Osteotomy of spine, posterior or posterolateral approach, 1 vertebral segment; thoracic	22212
Osteotomy of spine, posterior or posterolateral approach, 1 vertebral segment; lumbar	22214
Osteotomy of spine, including discectomy, anterior approach, single vertebral segment; cervical	22220
Osteotomy of spine, including discectomy, anterior approach, single vertebral segment; thoracic	22222
Osteotomy of spine, including discectomy, anterior approach, single vertebral segment;	22224
Percutaneous vertebroplasty (bone biopsy included when performed), 1 vertebral body, unilateral or bilateral injection, inclusive of all imaging guidance; cervicothoracic	22510
Percutaneous vertebroplasty (bone biopsy included when performed), 1 vertebral body, unilateral or bilateral injection, inclusive of all imaging guidance; lumbosacral	22511
Percutaneous vertebral augmentation, including cavity creation (fracture reduction and bone biopsy included when performed) using mechanical device (eg, kyphoplasty), 1 vertebral body, unilateral or bilateral cannulation, inclusive of all imaging guidance; thoracic	22513
Percutaneous vertebral augmentation, including cavity creation (fracture reduction and bone biopsy included when performed) using mechanical device (eg, kyphoplasty), 1 vertebral body, unilateral or bilateral cannulation, inclusive of all imaging guidance; lumbar	22514
Percutaneous intradiscal electrothermal annuloplasty, unilateral or bilateral including fluoroscopic guidance; single level	22526
Arthrodesis, lateral extracavitary technique, including minimal discectomy to prepare interspace (other than for decompression); thoracic	22532
Arthrodesis, lateral extracavitary technique, including minimal discectomy to prepare interspace (other than for decompression); lumbar	22533
Arthrodesis, anterior transoral or extraoral technique, clivus-C1-C2 (atlas-axis), with or without excision of odontoid process	22548

Spine (CONT)

Medicare IP
Only

Arthrodesis, anterior interbody, including disc space preparation, discectomy, osteophylectomy and decompression of spinal cord and/or nerve roots; cervical below	22551
Arthrodesis, anterior interbody technique, including minimal discectomy to prepare interspace (other than for decompression); cervical below C2	22554
Arthrodesis, anterior interbody technique, including minimal discectomy to prepare interspace (other than for decompression); thoracic	22556
Arthrodesis, anterior interbody technique, including minimal discectomy to prepare interspace (other than for decompression); lumbar	22558
Arthrodesis, pre-sacral interbody technique, including disc space preparation, discectomy, with posterior instrumentation, with image guidance, includes bone graft when performed, L5-S1 interspace	22586
Arthrodesis, posterior technique, craniocervical (occiput-C2)	22590
Arthrodesis, posterior technique, atlas-axis (C1-C2)	22595
Arthrodesis, posterior or posterolateral technique, single level; cervical below C2 segment	22600
Arthrodesis, posterior or posterolateral technique, single level; thoracic (with lateral transverse technique, when performed)	22610
Arthrodesis, posterior or posterolateral technique, single level; lumbar (with lateral transverse technique, when performed)	22612
Arthrodesis, posterior interbody technique, including laminectomy and/or discectomy to prepare interspace (other than for decompression), single interspace; lumbar	22630
Arthrodesis, combined posterior or posterolateral technique with posterior interbody technique including laminectomy and/or discectomy sufficient to prepare interspace (other than for decompression), single interspace and segment; lumbar	22633
Arthrodesis, posterior, for spinal deformity, with or without cast; up to 6 vertebral segments	22800
Arthrodesis, posterior, for spinal deformity, with or without cast; 7 to 12 vertebral segments	22802
Arthrodesis, posterior, for spinal deformity, with or without cast; 13 or more vertebral	22804
Arthrodesis, anterior, for spinal deformity, with or without cast; 2 to 3 vertebral segments	22808
Arthrodesis, anterior, for spinal deformity, with or without cast; 4 to 7 vertebral segments	22810
Arthrodesis, anterior, for spinal deformity, with or without cast; 8 or more vertebral segments	22812
Kyphectomy, circumferential exposure of spine and resection of vertebral segment(s) (including body and posterior elements); single or 2 segments	22818
Kyphectomy, circumferential exposure of spine and resection of vertebral segment(s) (including body and posterior elements); 3 or more segments	22819
Reinsertion of spinal fixation device	22849
Removal of posterior nonsegmental instrumentation (eg, Harrington rod)	22850
Removal of posterior segmental instrumentation	22852
Removal of anterior instrumentation	22855
Total disc arthroplasty (artificial disc), anterior approach, including discectomy with end plate preparation (includes osteophylectomy for nerve root or spinal cord decompression and microdissection); single interspace, cervical	22856
Total disc arthroplasty (artificial disc), anterior approach, including discectomy to prepare interspace (other than for decompression), single interspace, lumbar	22857
Revision including replacement of total disc arthroplasty (artificial disc), anterior approach, single interspace; cervical	22861
Revision including replacement of total disc arthroplasty (artificial disc), anterior approach, single interspace; lumbar	22862
Removal of total disc arthroplasty (artificial disc), anterior approach, single interspace;	22864
Removal of total disc arthroplasty (artificial disc), anterior approach, single interspace;	22865
Insertion of interlaminar/interspinous process stabilization/distraction device, without fusion, including image guidance when performed, with open decompression, lumbar; single	22867
Insertion of interlaminar/interspinous process stabilization/distraction device, without open decompression or fusion, including image guidance when performed, lumbar; single level	22869

Spine (CONT)	Medicare IP Only	
Decompression, percutaneous, with partial removal of the ligamentum flavum, including laminotomy for access, epidurography, and imaging guidance (ie, CT or fluoroscopy), bilateral; one interspace, lumbar	62330	
Endoscopic decompression of spinal cord, nerve root(s), including laminotomy, partial facetectomy, foraminotomy, discectomy and/or excision of herniated intervertebral disc, 1 interspace, lumbar	62380	
Laminectomy with exploration and/or decompression of spinal cord and/or cauda equina, without facetectomy, foraminotomy or discectomy (eg, spinal stenosis), 1 or 2 vertebral segments; cervical	63001	
Laminectomy with exploration and/or decompression of spinal cord and/or cauda equina, without facetectomy, foraminotomy or discectomy (eg, spinal stenosis), 1 or 2 vertebral segments; cervical	63003	
Laminectomy with exploration and/or decompression of spinal cord and/or cauda equina, without facetectomy, foraminotomy or discectomy (eg, spinal stenosis), 1 or 2 vertebral segments; lumbar, except for spondylolisthesis	63005	
Laminectomy with exploration and/or decompression of spinal cord and/or cauda equina, without facetectomy, foraminotomy or discectomy (eg, spinal stenosis), 1 or 2 vertebral segments; sacral	63011	
Laminectomy with removal of abnormal facets and/or pars inter-articularis with decompression of cauda equina and nerve roots for spondylolisthesis, lumbar (Gill type procedure)	63012	
Laminectomy with exploration and/or decompression of spinal cord and/or cauda equina, without facetectomy, foraminotomy or discectomy (eg, spinal stenosis), more than 2 vertebral segments; cervical	63015	
Laminectomy with exploration and/or decompression of spinal cord and/or cauda equina, without facetectomy, foraminotomy or discectomy (eg, spinal stenosis), more than 2 vertebral segments; thoracic	63016	
Laminectomy with exploration and/or decompression of spinal cord and/or cauda equina, without facetectomy, foraminotomy or discectomy (eg, spinal stenosis), more than 2 vertebral segments; lumbar	63017	
Laminotomy (hemilaminectomy), with decompression of nerve root(s), including partial facetectomy, foraminotomy and/or excision of herniated intervertebral disc; 1 interspace, cervical	63020	
Laminotomy (hemilaminectomy), with decompression of nerve root(s), including partial facetectomy, foraminotomy and/or excision of herniated intervertebral disc; 1 interspace, lumbar	63030	
Laminotomy (hemilaminectomy), with decompression of nerve root(s), including partial facetectomy, foraminotomy and/or excision of herniated intervertebral disc, reexploration, single interspace; cervical	63040	
Laminotomy (hemilaminectomy), with decompression of nerve root(s), including partial facetectomy, foraminotomy and/or excision of herniated intervertebral disc, reexploration, single interspace; lumbar	63042	
Laminectomy, facetectomy and foraminotomy (unilateral or bilateral with decompression of spinal cord, cauda equina and/or nerve root[s], [eg, spinal or lateral recess stenosis]), single vertebral segment; cervical	63045	
Laminectomy, facetectomy and foraminotomy (unilateral or bilateral with decompression of spinal cord, cauda equina and/or nerve root[s], [eg, spinal or lateral recess stenosis]), single vertebral segment; thoracic	63046	
Laminectomy, facetectomy and foraminotomy (unilateral or bilateral with decompression of spinal cord, cauda equina and/or nerve root[s], [eg, spinal or lateral recess stenosis]), single vertebral segment; lumbar	63047	
Laminoplasty, cervical, with decompression of the spinal cord, 2 or more vertebral segments;	63050	Y
Laminoplasty, cervical, with decompression of the spinal cord, 2 or more vertebral segments; with reconstruction of the posterior bony elements (including the application of bridging bone graft and non-segmental fixation devices [eg, wire, suture, mini-plates], when performed)	63051	Y

Spine (CONT)	Medicare IP Only	
Transpedicular approach with decompression of spinal cord, equina and/or nerve root(s) (eg, herniated intervertebral disc), single segment; thoracic	63055	
Transpedicular approach with decompression of spinal cord, equina and/or nerve root(s) (eg, herniated intervertebral disc), single segment; lumbar (including transfacet, or lateral extraforaminal approach) (eg, far lateral herniated intervertebral disc)	63056	
Costovertebral approach with decompression of spinal cord or nerve root(s) (eg, herniated intervertebral disc), thoracic; single segment	63064	
Discectomy, anterior, with decompression of spinal cord and/or nerve root(s), including osteophyctomy; cervical, single interspace	63075	
Discectomy, anterior, with decompression of spinal cord and/or nerve root(s), including osteophyctomy; thoracic, single interspace	63077	Y
Vertebral corpectomy (vertebral body resection), partial or complete, anterior approach with decompression of spinal cord and/or nerve root(s); cervical, single segment	63081	Y
Vertebral corpectomy (vertebral body resection), partial or complete, transthoracic approach with decompression of spinal cord and/or nerve root(s); thoracic, single	63085	Y
Vertebral corpectomy (vertebral body resection), partial or complete, combined thoracolumbar approach with decompression of spinal cord, cauda equina or nerve root(s), lower thoracic or lumbar; single segment	63087	Y
Vertebral corpectomy (vertebral body resection), partial or complete, transperitoneal or retroperitoneal approach with decompression of spinal cord, cauda equina or nerve root(s), lower thoracic, lumbar, or sacral; single segment	63090	Y
Vertebral corpectomy (vertebral body resection), partial or complete, lateral extracavitary approach with decompression of spinal cord and/or nerve root(s) (eg, for tumor or retropulsed bone fragments); thoracic, single segment	63101	Y
Vertebral corpectomy (vertebral body resection), partial or complete, lateral extracavitary approach with decompression of spinal cord and/or nerve root(s) (eg, for tumor or retropulsed bone fragments); lumbar, single segment	63102	Y
Laminectomy with rhizotomy; 1 or 2 segments	63185	Y
Laminectomy with rhizotomy; more than 2 segments	63190	Y
Laminectomy with section of spinal accessory nerve	63191	Y
Laminectomy with cordotomy, with section of both spinothalamic tracts, 1 stage, thoracic	63197	Y
Laminectomy, with release of tethered spinal cord, lumbar	63200	Y
Laminectomy for excision or occlusion of arteriovenous malformation of spinal cord; cervical	63250	Y
Laminectomy for excision or occlusion of arteriovenous malformation of spinal cord; thoracic	63251	Y
Laminectomy for excision or occlusion of arteriovenous malformation of spinal cord; thoracolumbar	63252	Y

Spine (CONT)	Medicare IP Only
Vertebral corpectomy (vertebral body resection), partial or complete, for excision of intraspinal lesion, single segment; extradural, cervical	63300 Y
Vertebral corpectomy (vertebral body resection), partial or complete, for excision of intraspinal lesion, single segment; extradural, thoracic by transthoracic approach	63301 Y
Vertebral corpectomy (vertebral body resection), partial or complete, for excision of intraspinal lesion, single segment; extradural, thoracic by thoracolumbar approach	63302 Y
Vertebral corpectomy (vertebral body resection), partial or complete, for excision of intraspinal lesion, single segment; extradural, lumbar or sacral by transperitoneal or retroperitoneal approach	63303 Y
Vertebral corpectomy (vertebral body resection), partial or complete, for excision of intraspinal lesion, single segment; intradural, cervical	63304 Y
Vertebral corpectomy (vertebral body resection), partial or complete, for excision of intraspinal lesion, single segment; intradural, thoracic by transthoracic approach	63305 Y
Vertebral corpectomy (vertebral body resection), partial or complete, for excision of intraspinal lesion, single segment; intradural, thoracic by thoracolumbar approach	63306 Y
Vertebral corpectomy (vertebral body resection), partial or complete, for excision of intraspinal lesion, single segment; intradural, lumbar or sacral by transperitoneal or retroperitoneal approach	63307 Y
Laminotomy (hemilaminectomy), with decompression of nerve root(s), including partial facetectomy, foraminotomy and excision of herniated intervertebral disc, and repair of annular defect with implantation of bone anchored annular closure device, including annular defect measurement, alignment and sizing assessment, and image guidance; 1 interspace, lumbar	C9757
Discectomy, anterior, with decompression of spinal cord and/or nerve root(s), including osteophytectomy; lumbar, single interspace	S2350

INTERVENTIONAL PAIN MANAGEMENT OF THE SPINE

Injection(s), diagnostic or therapeutic agent, paravertebral facet (zygapophysal) joint (or nerves innervating that joint) with ultrasound guidance, cervical or thoracic; single level	0213T
Injection(s), diagnostic or therapeutic agent, paravertebral facet (zygapophysal) joint (or nerves innervating that joint) with ultrasound guidance, lumbar or sacral; single level	0216T
Injection procedure for sacroiliac joint, anesthetic/steroid, with image guidance (fluoroscopy or CT) including arthrography when performed	27096
Injection(s), of diagnostic or therapeutic substance(s) (eg, anesthetic, antispasmodic, opioid, steroid, other solution), not including neurolytic substances, including needle or catheter placement, interlaminar epidural or subarachnoid, cervical or thoracic; without imaging guidance	62320
Injection(s), of diagnostic or therapeutic substance(s) (eg, anesthetic, antispasmodic, opioid, steroid, other solution), not including neurolytic substances, including needle or catheter placement, interlaminar epidural or subarachnoid, cervical or thoracic; with imaging guidance	62321
Injection(s), of diagnostic or therapeutic substance(s) (eg, anesthetic, antispasmodic, opioid, steroid, other solution), not including neurolytic substances, including needle or catheter placement, interlaminar epidural or subarachnoid, lumbar or sacral (caudal); without imaging guidance	62322
Injection(s), of diagnostic or therapeutic substance(s) (eg, anesthetic, antispasmodic, opioid, steroid, other solution), not including neurolytic substances, including needle or catheter placement, interlaminar epidural or subarachnoid, lumbar or sacral (caudal); with imaging guidance (ie, fluoroscopy or CT)	62323
Injection(s) anesthetic agent(s) and/or steroid; nerves innervating the sacroiliac joint, with image guidance (ie, fluoroscopy or CT)	64451
Injection(s), anesthetic agent and/or steroid, transforaminal epidural, with imaging guidance (fluoroscopy or CT), cervical or thoracic, single level	64479
Injection(s), anesthetic agent and/or steroid, transforaminal epidural, with imaging guidance (fluoroscopy or CT), lumbar or sacral, single level	64483
Injection(s), diagnostic or therapeutic agent, paravertebral facet (zygapophysal) joint (or nerves innervating that joint) with image guidance (fluoroscopy or CT), cervical or thoracic; single level	64490
Injection(s), diagnostic or therapeutic agent, paravertebral facet (zygapophysal) joint (or nerves innervating that joint) with image guidance (fluoroscopy or CT), lumbar or sacral; single level	64493
Destruction by neurolytic agent, paravertebral facet joint nerve(s), with imaging guidance (fluoroscopy or CT); cervical or thoracic, single facet joint	64633
Destruction by neurolytic agent, paravertebral facet joint nerve(s), with imaging guidance (fluoroscopy or CT); lumbar or sacral, single facet joint	64635
Injection procedure for sacroiliac joint; provision of anesthetic, steroid and/or other therapeutic agent, with or without arthrography	G0260

SLEEP MEDICINE TESTING**Multiple Sleep Latency Test (MSLT) / Maintenance of Wakefulness Test (MWT)**

Multiple sleep latency or maintenance of wakefulness testing, recording, analysis and interpretation of physiological measurements of sleep during multiple trials to assess sleepiness	95805
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Facility and Titration

Polysomnography younger than 6 years sleep staging with 4 or more additional parameters of sleep attended by a technologist	95782
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Polysomnography younger than 6 years sleep staging with 4 or more additional parameters of sleep with initiation of continuous positive airway pressure therapy or bi-level ventilation attended by a technologist	95783
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Sleep study unattended simultaneous recording heart rate oxygen saturation respiratory analysis (eg by airflow or peripheral arterial tone) and sleep time	95800
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Sleep study unattended simultaneous recording minimum of heart rate oxygen saturation and respiratory analysis (eg by airflow or peripheral arterial tone)	95801
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Sleep study unattended simultaneous recording of heart rate oxygen saturation respiratory airflow and respiratory effort (eg thoracoabdominal movement)	95806
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Sleep study, simultaneous recording of ventilation, respiratory effort, ECG or heart rate, and oxygen saturation, attended by a technologist	95807
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Polysomnography; any age, sleep staging with 1-3 additional parameters of sleep, attended by a technologist	95808
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Polysomnography; age 6 years or older, sleep staging with 4 or more additional parameters of sleep, attended by a technologist	95810
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Polysomnography; age 6 years or older, sleep staging with 4 or more additional parameters of sleep, with initiation of continuous positive airway pressure therapy or bilevel ventilation, attended by a technologist	95811
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Home sleep study test (hst) with type ii portable monitor, unattended; minimum of 7 channels: eeg, eog, emg, ecg/heart rate, airflow, respiratory effort and oxygen saturation	G0398
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Home sleep test (hst) with type iii portable monitor, unattended; minimum of 4 channels: 2 respiratory movement/airflow, 1 ecg/heart rate and 1 oxygen saturation	G0399
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Home sleep test (hst) with type iv portable monitor, unattended; minimum of 3 channels	G0400
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Sleep Devices

Respiratory assist device, bi-level pressure capability, without backup rate feature, used with noninvasive interface, e.g., nasal or facial mask (intermittent assist device with continuous positive airway pressure device)	E0470
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Respiratory assist device, bi-level pressure capability, with back-up rate feature, used with noninvasive interface, e.g., nasal or facial mask (intermittent assist device with continuous positive airway pressure device)	E0471
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Oral device/appliance used to reduce upper airway collapsibility, adjustable or nonadjustable, prefabricated, includes fitting and adjustment	E0485
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Oral device/appliance used to reduce upper airway collapsibility, adjustable or nonadjustable, custom fabricated, includes fitting and adjustment	E0486
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Continuous positive airway pressure (CPAP) device	E0601
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Physical Medicine	
Speech Language Pathology (SLP)	
Treatment of speech, language, voice, communication, and/or auditory processing disorder; individual	92507
Treatment of speech, language, voice, communication, and/or auditory processing disorder; group, 2 or more individuals	92508
Treatment of swallowing dysfunction and/or oral function for feeding	92526
Therapeutic service(s) for the use of non-speech-generating device, including programming and modification	92606
Flexible endoscopic evaluation of swallowing by cine or video recording	92612
Flexible endoscopic evaluation of swallowing by cine or video recording; interpretation and report only	92613
Flexible endoscopic evaluation laryngeal sensory testing by cine or video recording	92614
Flexible endoscopic evaluation laryngeal sensory testing by cine or video recording; interpretation and report only	92615
Flexible endoscopic evaluation of swallowing and laryngeal sensory testing by cine or video recording	92616
Flexible endoscopic evaluation of swallowing and laryngeal sensory testing by cine or video recording; interpretation and report only	92617
Assessment of aphasia (includes assessment of expressive and receptive speech and language function, language comprehension, speech production ability, reading, spelling, writing, eg, by Boston Diagnostic Aphasia Examination) with interpretation and report, per hour	96105
Standardized cognitive performance testing (eg, Ross Information Processing Assessment) per hour of a qualified health care professional's time, both face-to-face time administering tests to the patient and time interpreting these test results and preparing the report	96125
Therapeutic interventions that focus on cognitive function (eg, attention, memory, reasoning, executive function, problem solving, and/or pragmatic functioning) and compensatory strategies to manage the performance of an activity (eg, managing time or schedules, initiating, organizing, and sequencing tasks), direct (one-on-one) patient contact; initial 15 minutes	97129
Services performed by a qualified speech-language pathologist in the home health or hospice setting, each 15 minutes	G0153
Speech therapy, in the home , per diem	S9128
Physical Therapy / Occupational Therapy	
Therapeutic procedure, 1 or more areas, each 15 minutes; therapeutic exercises to develop strength and endurance, range of motion and flexibility	97110
Therapeutic procedure, 1 or more areas,each 15 minutes; neuromuscular reeducation of movement, balance, coordination, kinesthetic sense, posture, and/or proprioception for sitting and/or standing activities	97112
Therapeutic procedure, 1 or more areas,each 15 minutes; aquatic therapy with therapeutic exercises	97113
Therapeutic procedure, 1 or more areas,each 15 minutes; gait training (includes stair	97116
Therapeutic procedure, 1 or more areas,each 15 minutes; massage, including effleurage, petrissage and/or tapotement (stroking, compression, percussion)	97124
Manual therapy techniques (eg, mobilization/ manipulation, manual lymphatic drainage, manual traction), 1 or more regions, each 15 minutes	97140
Therapeutic procedure(s), group (2 or more individuals)	97150

Physical Therapy / Occupational Therapy (CONT)

Therapeutic activities, direct (one-on-one) patient contact (use of dynamic activities to improve functional performance), each 15 minutes	97530
Sensory integrative techniques to enhance sensory processing and promote adaptive responses to environmental demands, direct (one-on-one) patient contact, each 15	97533
Self-care/home management training (eg, activities of daily living (ADL) and compensatory training, meal preparation, safety procedures, and instructions in use of assistive technology devices/adaptive equipment) direct one-on-one contact, each 15 minutes	97535
Community/work reintegration training (eg, shopping, transportation, money management, avocational activities and/or work environment/modification analysis, work task analysis, use of assistive technology device/adaptive equipment) direct one-on-one contact, each 15 minutes	97537
Wheelchair management (eg, assessment, fitting, training), each 15 minutes	97542
Physical performance test or measurement (eg, musculoskeletal, functional capacity), with written report,each 15 minutes	97750
Assistive technology assessment (eg, to restore, augment or compensate for existing function, optimize functional tasks and/or maximize environmental accessibility), direct one-on-one contact, with written report, each 15 minutes	97755
Orthotic(s) management and training (including assessment and fitting when not otherwise reported), upper extremity(ies), lower extremity(ies) and/or trunk initial orthotic(s) encounter, each 15 minutes	97760
Prosthetic(s) training, upper and/or lower extremity(ies), initial prosthetic(s) encounter, each 15 minutes	97761
Orthotic(s)/prosthetic(s) management and/or training, upper extremity(ies), lower extremity(ies), and/or trunk, subsequent orthotic(s)/prosthetic(s) encounter, each 15 minutes	97763
Occupational therapy services requiring the skills of a qualified occupational therapist, furnished as a component of a partial hospitalization treatment program, per session (45 minutes or more)	G0129
Services performed by a qualified physical therapist in the home health or hospice setting, each 15 minutes	G0151
Services performed by a qualified occupational therapist in the home health or hospice setting, each 15 minutes	G0152
Occupational therapy, in the home, per diem	S9129
Physical therapy; in the home, per diem	S9131