

MO HealthNet Radiology and Cardiology Procedure Codes

2024 **MO HealthNet** v1 Effective 1/1/2024

DIAGNOSTIC IMAGING	
СТ	CODES:
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 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)	72172
Computed tomography, pelvis; without contrast material, followed by contrast material(s) and further sections	72194
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
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CT (cont)	CODES:
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 egions, followed by contrast material(s) and further sections in one or both body regions	74178
computed tomographic (CT) colonography, diagnostic, including image postprocessing; vithout contrast material	74261
Computed tomographic (CT) colonography, diagnostic, including image postprocessing; with ontrast 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
CTA	
Computed tomographic angiography, head, with contrast material(s), including noncontrast nages, if performed, and image postprocessing	70496
Computed tomographic angiography, neck, with contrast material(s), including noncontrast nages, if performed, and image postprocessing	70498
omputed tomographic angiography, chest (noncoronary), with contrast material(s), cluding noncontrast images, if performed, and image postprocessing	71275
computed tomographic angiography, pelvis, with contrast material(s), including noncontrast nages, if performed, and image postprocessing	72191
Computed tomographic angiography, upper extremity, with contrast material(s), including oncontrast images, if performed, and image postprocessing	73206
Computed tomographic angiography, lower extremity, with contrast material(s), including oncontrast images, if performed, and image postprocessing	73706
computed tomographic angiography, abdomen and pelvis, with contrast material(s), acluding noncontrast images, if performed, and image postprocessing	74174
computed tomographic angiography, abdomen, with contrast material(s), including oncontrast images, if performed, and image postprocessing	74175
computed tomography, heart, without contrast material, with quantitative evaluation of contrast material contrast material contrast material.	75571
computed tomography, heart, with contrast material, for evaluation of cardiac structure and norphology (including 3D image postprocessing, assessment of cardiac function, and valuation of venous structures, if performed)	75572
computed tomography, heart, with contrast material, for evaluation of cardiac structure and norphology in the setting of congenital heart disease (including 3D image postprocessing, ssessment of left ventricular [LV] cardiac function, right ventricular [RV] structure and function and evaluation of vascular structures, if performed)	75573
omputed tomographic angiography, heart, coronary arteries and bypass grafts (when resent), with contrast material, including 3D image postprocessing (including evaluation of ardiac structure and morphology, assessment of cardiac function, and evaluation of venous ructures, if performed)	75574
Computed tomographic angiography, abdominal aorta and bilateral iliofemoral lower xtremity runoff, with contrast material(s), including noncontrast images, if performed, and nage 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
Aagnetic resonance angiography, upper extremity, with or without contrast material(s)	73225
Aagnetic resonance angiography, lower extremity, with or without contrast material(s)	73725
Magnetic resonance angiography, abdomen, with or without contrast material(s)	74185
ARI	
Nagnetic resonance (eg, proton) imaging, temporomandibular joint(s)	70336
Magnetic resonance (eg, proton) imaging, orbit, face, and/or neck; without contrast naterial(s)	70540
Nagnetic 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 naterial(s), followed by contrast material(s) and further sequences	70543
Magnetic resonance (eg, proton) imaging, brain (including brain stem); without contrast naterial	70551
Magnetic resonance (eg, proton) imaging, brain (including brain stem); with contrast material	70552
Nagnetic resonance (eg, proton) imaging, brain (including brain stem); without contrast naterial(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 osychologist administration	70554
Magnetic resonance (eg, proton) imaging, chest (eg, for evaluation of hilar and mediastinal mediastinal mediastinal material (s)	71550
Magnetic resonance (eg, proton) imaging, chest (eg, for evaluation of hilar and mediastinal rmphadenopathy); with contrast material(s)	71551
Magnetic resonance (eg, proton) imaging, chest (eg, for evaluation of hilar and mediastinal ymphadenopathy); without contrast material(s), followed by contrast material(s) and further equences	71552
Magnetic resonance (eg, proton) imaging, spinal canal and contents, cervical; without contrast material	72141
Nagnetic resonance (eg, proton) imaging, spinal canal and contents, cervical; with contrast naterial(s)	72142
Nagnetic resonance (eg, proton) imaging, spinal canal and contents, without contrast naterial, 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 naterial(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

MRI (cont)	
Magnetic resonance (eg, proton) imaging, spinal canal and contents, lumbar; with contrast	701.40
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
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	73222
material(s)	
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	73720
material(s), followed by contrast material(s) and further sequences 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
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 imaging, breast, without contrast material; unilateral	77046
Magnetic resonance imaging, breast, without and with contrast material(s), including computer-aided detection (CAD real-time lesion detection, characterization and	77048
pharmacokinetic analysis), when performed; unilateral	/ / U 1 U
Magnetic resonance imaging, breast, without contrast material; bilateral	77047
	/ / U 4 /
Magnetic resonance imaging, breast, without and with contrast material(s), including computer-aided detection (CAD real-time lesion detection, characterization and	77049
pharmacokinetic analysis), when performed; bilateral Magnetic resonance (eg, proton) imaging, bone marrow blood supply	77084
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PET	
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), 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)	78491
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 or and stress (exercise or pharmacologic)	78492
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
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, nead/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

CARDIOLOGY	
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	70402
ventriculography, imaging supervision and interpretation, when performed	93453
Catheter placement in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for coronary angiography, imaging supervision and interpretation;	93454
Catheter placement in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for coronary angiography, imaging supervision and interpretation; with catheter placement(s) in bypass graft(s) (internal mammary, free arterial venous grafts) including intraprocedural injection(s) for bypass graft angiography	03.455
Catheter placement in coronary artery(s) for coronary angiography, including intraprocedural	93455
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 bypacs graft(s) finthern mammary, free arterial, warous grafts) including intraprocedural injection(s) for bypass graft angiography and right heart catheterization in placement in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for coronary angiography, mad maintended in the coronary and injection(s) for coronary artery(s) for coronary angiography, when performed catheterization including intraprocedural injection(s) for intended in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for coronary angiography, including intraprocedural	Cardiac Catheterization (cont)	
injection(s) for coronary angiography, imaging supervision and interpretation; with catheter placements (ji in bypoos grafts) (internal mammary, free arterial, venous grafts) including intraprocedural injection(s) for bypass graft angiography and right heart catheterization (injection(s) for coronary angiography, imaging supervision and interpretation; with leth heart catheterization including intraprocedural injection(s) for coronary angiography, imaging supervision and interpretation; with leth heart catheterization including intraprocedural injection(s) for coronary angiography, imaging supervision and interpretation; with leth heart catheterization including intraprocedural injection(s) for coronary angiography, including supervision and interpretation; with leth heart catheterization including intraprocedural injection(s) for coronary angiography, including interpretation, with right and leth heart catheterization including intraprocedural injection(s) for coronary angiography, including interpretation, with right and leth heart catheterization for congenital heart defect(s) including imaging guidance by the proceduralist to advance the catheter to the target zone; normal native connections 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 Right and left heart catheterization for congenital heart defect(
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injection(s) for coronary angiography, imaging supervision and interpretation: with left heart catheterization including intraprocedural injection(s) for eleventriculography, when performed (20 theter placement in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for eleventriculography, imaging supervision and interpretation; with left heart catheterization including intraprocedural injection(s) for left eventriculography, when performed, catheter placement if propagation in performed in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for coronary angiography in maging supervision and interpretation; with right and left heart catheterization 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 (20 the placement in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for left ventriculography, when performed, catheter placement(s) in bypass graft(s) (internal mammary, free arterial, venous grafts) with hight 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 in a district placement (s) in bypass graft angiography in a district placement (s) in bypass graft angiography in a district placement (s) in bypass graft angiography in a district placement (s) in advance by the proceduralist to advance the catheter to the target zone; abnormal native connections 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 Right and left heart catheterization for congenital heart defect(s) including imaging guidance by the proceduralist to advance the cat	initiaprocedural injection (s) for bypass grant anglography and right heart camerenzation	73437
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Insertion or replacement of permanent pacemaker with transvenous electrode(s); atrial 33206 Insertion or replacement of permanent pacemaker with transvenous electrode(s); ventricular Insertion or replacement of permanent pacemaker with transvenous electrode(s); atrial and ventricular Insertion or replacement of temporary transvenous single chamber cardiac electrode or pacemaker catheter (separate procedure) Insertion or replacement of temporary transvenous dual chamber pacing electrodes (separate procedure) Insertion or replacement of pacemaker pulse generator only; single chamber, atrial or ventricular Insertion or replacement of pacemaker pulse generator only; dual chamber 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) Removal of permanent pacemaker pulse generator with replacement of pacemaker pulse generator; single lead system	· · · · · · · · · · · · · · · · · · ·	75577
Insertion or replacement of permanent pacemaker with transvenous electrode(s); ventricular Insertion or replacement of permanent pacemaker with transvenous electrode(s); atrial and ventricular Insertion or replacement of temporary transvenous single chamber cardiac electrode or pacemaker catheter (separate procedure) Insertion or replacement of temporary transvenous dual chamber pacing electrodes (separate procedure) Insertion or replacement of pacemaker pulse generator only; single chamber, atrial or ventricular Insertion or replacement of pacemaker pulse generator only; dual chamber 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) Removal of permanent pacemaker pulse generator with replacement of pacemaker pulse generator; single lead system	Cardiac Devices - Pacemakers	
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Insertion or replacement of temporary transvenous single chamber cardiac electrode or pacemaker catheter (separate procedure) Insertion or replacement of temporary transvenous dual chamber pacing electrodes (separate procedure) Insertion or replacement of pacemaker pulse generator only; single chamber, atrial or ventricular Insertion or replacement of pacemaker pulse generator only; dual chamber 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) Removal of permanent pacemaker pulse generator with replacement of pacemaker pulse generator; single lead system	Insertion or replacement of permanent pacemaker with transvenous electrode(s); ventricular	33207
Insertion or replacement of temporary transvenous single chamber cardiac electrode or pacemaker catheter (separate procedure) Insertion or replacement of temporary transvenous dual chamber pacing electrodes (separate procedure) Insertion or replacement of pacemaker pulse generator only; single chamber, atrial or ventricular Insertion or replacement of pacemaker pulse generator only; dual chamber 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) Removal of permanent pacemaker pulse generator with replacement of pacemaker pulse generator; single lead system	Insertion or replacement of permanent pacemaker with transvenous electrode(s): atrial and	
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Insertion or replacement of temporary transvenous dual chamber pacing electrodes (separate procedure) Insertion or replacement of pacemaker pulse generator only; single chamber, atrial or ventricular Insertion or replacement of pacemaker pulse generator only; dual chamber Insertion or replacement of pacemaker pulse generator only; dual chamber Insertion or replacement of 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) Removal of permanent pacemaker pulse generator with replacement of pacemaker pulse generator; single lead system	Insertion or replacement of temporary transvenous single chamber cardiac electrode or	22010
Insertion or replacement of pacemaker pulse generator only; single chamber, atrial or ventricular Insertion or replacement of pacemaker pulse generator only; dual chamber 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) Removal of permanent pacemaker pulse generator with replacement of pacemaker pulse generator; single lead system	pacemaker catheter (separate procedure)	33210
Insertion or replacement of pacemaker pulse generator only; single chamber, atrial or ventricular 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) Removal of permanent pacemaker pulse generator with replacement of pacemaker pulse generator; single lead system	Insertion or replacement of temporary transvenous dual chamber pacing electrodes (separate	33211
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) Removal of permanent pacemaker pulse generator with replacement of pacemaker pulse generator; single lead system		00211
Insertion or replacement of pacemaker pulse generator only; dual chamber 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) Removal of permanent pacemaker pulse generator with replacement of pacemaker pulse generator; single lead system 33213 33214		33212
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) Removal of permanent pacemaker pulse generator with replacement of pacemaker pulse generator; single lead system		
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lead, insertion of new lead, insertion of new pulse generator) Removal of permanent pacemaker pulse generator with replacement of pacemaker pulse generator; single lead system 33227		33214
Removal of permanent pacemaker pulse generator with replacement of pacemaker pulse generator; single lead system 33227		00217
generator; single lead system		22007
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Removal of permanent pacemaker pulse generator with replacement of pacemaker pulse	33228
generator; dual lead system 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
Cardiac Devices - Automatic Implantable Cardioverter Defibrillator (AICD)	
nsertion of a single transvenous electrode, permanent pacemaker or implantable defibrillator	33216
nsertion of 2 transvenous electrodes, permanent pacemaker or implantable defibrillator	33217
nsertion of pacing implantable defibrillator pulse generator only; with existing dual leads	33230
nsertion of implantable defibrillator pulse generator only; with existing single lead	33240
emoval of implantable defibrillator pulse generator only	33241
emoval of single or dual chamber implantable defibrillator electrode(s); by transvenous xtraction	33244
nsertion or replacement of permanent implantable defibrillator system with transvenous ead(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
Cardiac Devices - Cardiac Resynchronization Therapy - Pacemaker (CRT-P)	
nsertion or replacement of permanent pacemaker with transvenous electrode(s); ventricular	33207
nsertion or replacement of permanent pacemaker with transvenous electrode(s); atrial and ventricular	33208
nsertion or replacement of pacemaker pulse generator only; dual chamber	33213
lpgrade of implanted pacemaker system, conversion of single chamber system to dual chamber system (includes removal of previously placed pulse generator, testing of existing ead, insertion of new lead, insertion of new pulse generator)	33214
nsertion of pacemaker pulse generator only; with existing multiple leads	33221
nsertion 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

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
Angioplasty (Percutaneous Coronary Intervention [PCI])	
Percutaneous transluminal coronary angioplasty; single major coronary artery or branch	92920
Stent (Percutaneous Coronary Intervention [PCI])	
Percutaneous transcatheter placement of intracoronary stent(s), with coronary angioplasty when performed; single major coronary artery or branch	92928
Percutaneous transluminal revascularization of or through coronary artery bypass graft (internal mammary, free arterial, venous), any combination of intracoronary stent, atherectomy and angioplasty, including distal protection when performed; single vessel	92937
Percutaneous transluminal revascularization of chronic total occlusion, coronary artery, coronary artery branch, or coronary artery bypass graft, any combination of intracoronary stent, atherectomy and angioplasty; single vessel	92943
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