

# MO HealthNet Radiology and Cardiology Procedure Codes

DIAGNOSTIC IMAGING	
CT	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)	72193
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

<b>CT (cont)</b>	<b>CODES:</b>
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
<b>CTA</b>	
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 left ventricular [LV] cardiac function, right ventricular [RV] structure and function and evaluation of vascular 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

<b>MRA</b>	
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
<b>MRI</b>	
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 (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

<b>MRI (cont)</b>	
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
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
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 pharmacokinetic analysis), when performed; unilateral	77048
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; bilateral	77049
Magnetic resonance (eg, proton) imaging, bone marrow blood supply	77084

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, 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



**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 ventriculography, imaging supervision and interpretation, when performed 93453

Catheter placement in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for coronary angiography, imaging supervision and interpretation; 93454

Catheter placement in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for coronary angiography, imaging supervision and interpretation; with catheter placement(s) in bypass graft(s) (internal mammary, free arterial venous grafts) including intraprocedural injection(s) for bypass graft angiography 93455

Catheter placement in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for coronary angiography, imaging supervision and interpretation; with right heart catheterization 93456

**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 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, catheter placement(s) in bypass graft(s) (internal mammary, free arterial, venous grafts) with bypass graft angiography 93461

Right heart catheterization for congenital heart defect(s) including imaging guidance by the proceduralist to advance the catheter to the target zone; normal native connections 93593

Right heart catheterization for congenital heart defect(s) including imaging guidance by the proceduralist to advance the catheter to the target zone; abnormal native connections 93594

Left heart catheterization for congenital heart defect(s) including imaging guidance by the proceduralist to advance the catheter to the target zone, normal or abnormal native connections 93595

Right and left heart catheterization for congenital heart defect(s) including imaging guidance by the proceduralist to advance the catheter to the target zone(s); normal native connections 93596

Right and left heart catheterization for congenital heart defect(s) including imaging guidance by the proceduralist to advance the catheter to the target zone(s); abnormal native connections 93597

**Cardiac Devices - Pacemakers**

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

Removal of permanent pacemaker pulse generator with replacement of pacemaker pulse generator; single lead system 33227

**Cardiac Devices - Pacemakers (cont)**

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

**Cardiac Devices - Automatic Implantable Cardioverter Defibrillator (AICD)**

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 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 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

**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



**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
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**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