

**Aetna**  
**Prior Authorization Procedure List: Cardiology & Radiology**

Category	CPT® Code	CPT® Code Description	Requires Prior Authorization	Notes
CID	<b>33206</b>	Insertion of new or replacement of permanent pacemaker with transvenous electrode(s); atrial	Yes	
CID	<b>33207</b>	Insertion of new or replacement of permanent pacemaker with transvenous electrode(s); ventricular	Yes	
CID	<b>33208</b>	Insertion of new or replacement of permanent pacemaker with transvenous electrode(s); atrial and ventricular	Yes	
CID	<b>33212</b>	Insertion of pacemaker pulse generator only; with existing single lead	Yes	
CID	<b>33213</b>	Insertion of pacemaker pulse generator only; with existing dual leads	Yes	
CID	<b>33214</b>	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)	Yes	
CID	<b>33221</b>	Insertion of pacemaker pulse generator only; with existing multiple leads	Yes	
CID	<b>33224</b>	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 existin	Yes	
CID	<b>33225</b>	Insertion of pacing electrode, cardiac venous system, for left ventricular pacing, at time of insertion of implantable defibrillator or pacemaker pulse generator (eg, for upgrade to dual chamber system) (List separately in addition to code for primary procedure)	Yes	Add-On
CID	<b>33227</b>	Removal of permanent pacemaker pulse generator with replacement of pacemaker pulse generator; single lead system	Yes	
CID	<b>33228</b>	Removal of permanent pacemaker pulse generator with replacement of pacemaker pulse generator; dual lead system	Yes	
CID	<b>33229</b>	Removal of permanent pacemaker pulse generator with replacement of pacemaker pulse generator; multiple lead system	Yes	
CID	<b>33230</b>	Insertion of implantable defibrillator pulse generator only; with existing dual leads	Yes	
CID	<b>33231</b>	Insertion of implantable defibrillator pulse generator only; with existing multiple leads	Yes	
CID	<b>33240</b>	Insertion of implantable defibrillator pulse generator only; with existing single lead	Yes	
CID	<b>33249</b>	Insertion or replacement of permanent implantable defibrillator system, with transvenous lead(s), single or dual chamber	Yes	
CID	<b>33262</b>	Removal of implantable defibrillator pulse generator with replacement of implantable defibrillator pulse generator; single lead system	Yes	
CID	<b>33263</b>	Removal of implantable defibrillator pulse generator with replacement of implantable defibrillator pulse generator; dual lead system	Yes	
CID	<b>33264</b>	Removal of implantable defibrillator pulse generator with replacement of implantable defibrillator pulse generator; multiple lead system	Yes	
CID	<b>33270</b>	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	Yes	
CID	<b>33271</b>	Insertion of subcutaneous implantable defibrillator electrode	Yes	
CID	<b>33272</b>	Removal of subcutaneous implantable defibrillator electrode	Yes	
CID	<b>33273</b>	Repositioning of previously implanted subcutaneous implantable defibrillator electrode	Yes	

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CID	33274	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	Yes	1/1/19 - AMA Addition
CID	33275	Transcatheter removal of permanent leadless pacemaker, right ventricular	Yes	1/1/19 - AMA Addition
CID	33289	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	Yes	1/1/19 - AMA Addition
MR	70336	Magnetic resonance (eg, proton) imaging, temporomandibular joint(s)	Yes	
CT	70450	Computed tomography, head or brain; without contrast material	Yes	
CT	70460	Computed tomography, head or brain; with contrast material(s)	Yes	
CT	70470	Computed tomography, head or brain; without contrast material, followed by contrast material(s) and further sections	Yes	
CT	70480	Computed tomography, orbit, sella, or posterior fossa or outer, middle, or inner ear; without contrast material	Yes	
CT	70481	Computed tomography, orbit, sella, or posterior fossa or outer, middle, or inner ear; with contrast material(s)	Yes	
CT	70482	Computed tomography, orbit, sella, or posterior fossa or outer, middle, or inner ear; without contrast material, followed by contrast material(s) and further sections	Yes	
CT	70486	Computed tomography, maxillofacial area; without contrast material	Yes	
CT	70487	Computed tomography, maxillofacial area; with contrast material(s)	Yes	
CT	70488	Computed tomography, maxillofacial area; without contrast material, followed by contrast material(s) and further sections	Yes	
CT	70490	Computed tomography, soft tissue neck; without contrast material	Yes	
CT	70491	Computed tomography, soft tissue neck; with contrast material(s)	Yes	
CT	70492	Computed tomography, soft tissue neck; without contrast material followed by contrast material(s) and further sections	Yes	
CT	70496	Computed tomographic angiography, head, with contrast material(s), including noncontrast images, if performed, and image postprocessing	Yes	
CT	70498	Computed tomographic angiography, neck, with contrast material(s), including noncontrast images, if performed, and image postprocessing	Yes	
MR	70540	Magnetic resonance (eg, proton) imaging, orbit, face, and/or neck; without contrast material(s)	Yes	
MR	70542	Magnetic resonance (eg, proton) imaging, orbit, face, and/or neck; with contrast material(s)	Yes	
MR	70543	Magnetic resonance (eg, proton) imaging, orbit, face, and/or neck; without contrast material(s), followed by contrast material(s) and further sequences	Yes	
MR	70544	Magnetic resonance angiography, head; without contrast material(s)	Yes	
MR	70545	Magnetic resonance angiography, head; with contrast material(s)	Yes	
MR	70546	Magnetic resonance angiography, head; without contrast material(s), followed by contrast material(s) and further sequences	Yes	
MR	70547	Magnetic resonance angiography, neck; without contrast material(s)	Yes	
MR	70548	Magnetic resonance angiography, neck; with contrast material(s)	Yes	
MR	70549	Magnetic resonance angiography, neck; without contrast material(s), followed by contrast material(s) and further sequences	Yes	
MR	70551	Magnetic resonance (eg, proton) imaging, brain (including brain stem); without contrast material	Yes	
MR	70552	Magnetic resonance (eg, proton) imaging, brain (including brain stem); with contrast material(s)	Yes	
MR	70553	Magnetic resonance (eg, proton) imaging, brain (including brain stem); without contrast material, followed by contrast material(s) and further sequences	Yes	
MR	70554	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	Yes	

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MR	70555	Magnetic resonance imaging, brain, functional MRI; requiring physician or psychologist administration of entire neurofunctional testing	Yes	
CT	71250	Computed tomography, thorax, diagnostic; without contrast material	Yes	
CT	71260	Computed tomography, thorax, diagnostic; with contrast material(s)	Yes	
CT	71270	Computed tomography, thorax, diagnostic; without contrast material, followed by contrast material(s) and further sections	Yes	
CT	71271	Computed tomography, thorax, low dose for lung cancer screening, without contrast material(s)	Yes	1/1/2021 Addition
CT	71275	Computed tomographic angiography, chest (noncoronary), with contrast material(s), including noncontrast images, if performed, and image postprocessing	Yes	
MR	71550	Magnetic resonance (eg, proton) imaging, chest (eg, for evaluation of hilar and mediastinal lymphadenopathy); without contrast material(s)	Yes	
MR	71551	Magnetic resonance (eg, proton) imaging, chest (eg, for evaluation of hilar and mediastinal lymphadenopathy); with contrast material(s)	Yes	
MR	71552	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	Yes	
MR	71555	Magnetic resonance angiography, chest (excluding myocardium), with or without contrast material(s)	Yes	
CT	72125	Computed tomography, cervical spine; without contrast material	Yes	
CT	72126	Computed tomography, cervical spine; with contrast material	Yes	
CT	72127	Computed tomography, cervical spine; without contrast material, followed by contrast material(s) and further sections	Yes	
CT	72128	Computed tomography, thoracic spine; without contrast material	Yes	
CT	72129	Computed tomography, thoracic spine; with contrast material	Yes	
CT	72130	Computed tomography, thoracic spine; without contrast material, followed by contrast material(s) and further sections	Yes	
CT	72131	Computed tomography, lumbar spine; without contrast material	Yes	
CT	72132	Computed tomography, lumbar spine; with contrast material	Yes	
CT	72133	Computed tomography, lumbar spine; without contrast material, followed by contrast material(s) and further sections	Yes	
MR	72141	Magnetic resonance (eg, proton) imaging, spinal canal and contents, cervical; without contrast material	Yes	
MR	72142	Magnetic resonance (eg, proton) imaging, spinal canal and contents, cervical; with contrast material(s)	Yes	
MR	72146	Magnetic resonance (eg, proton) imaging, spinal canal and contents, thoracic; without contrast material	Yes	
MR	72147	Magnetic resonance (eg, proton) imaging, spinal canal and contents, thoracic; with contrast material(s)	Yes	
MR	72148	Magnetic resonance (eg, proton) imaging, spinal canal and contents, lumbar; without contrast material	Yes	
MR	72149	Magnetic resonance (eg, proton) imaging, spinal canal and contents, lumbar; with contrast material(s)	Yes	
MR	72156	Magnetic resonance (eg, proton) imaging, spinal canal and contents, without contrast material, followed by contrast material(s) and further sequences; cervical	Yes	
MR	72157	Magnetic resonance (eg, proton) imaging, spinal canal and contents, without contrast material, followed by contrast material(s) and further sequences; thoracic	Yes	
MR	72158	Magnetic resonance (eg, proton) imaging, spinal canal and contents, without contrast material, followed by contrast material(s) and further sequences; lumbar	Yes	
MR	72159	Magnetic resonance angiography, spinal canal and contents, with or without contrast material(s)	Yes	
CT	72191	Computed tomographic angiography, pelvis, with contrast material(s), including noncontrast images, if performed, and image postprocessing	Yes	
CT	72192	Computed tomography, pelvis; without contrast material	Yes	
CT	72193	Computed tomography, pelvis; with contrast material(s)	Yes	
CT	72194	Computed tomography, pelvis; without contrast material, followed by contrast material(s) and further sections	Yes	
MR	72195	Magnetic resonance (eg, proton) imaging, pelvis; without contrast material(s)	Yes	

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MR	72196	Magnetic resonance (eg, proton) imaging, pelvis; with contrast material(s)	Yes	
MR	72197	Magnetic resonance (eg, proton) imaging, pelvis; without contrast material(s), followed by contrast material(s) and further sequences	Yes	
MR	72198	Magnetic resonance angiography, pelvis, with or without contrast material(s)	Yes	
CT	73200	Computed tomography, upper extremity; without contrast material	Yes	
CT	73201	Computed tomography, upper extremity; with contrast material(s)	Yes	
CT	73202	Computed tomography, upper extremity; without contrast material, followed by contrast material(s) and further sections	Yes	
CT	73206	Computed tomographic angiography, upper extremity, with contrast material(s), including noncontrast images, if performed, and image postprocessing	Yes	
MR	73218	Magnetic resonance (eg, proton) imaging, upper extremity, other than joint; without contrast material(s)	Yes	
MR	73219	Magnetic resonance (eg, proton) imaging, upper extremity, other than joint; with contrast material(s)	Yes	
MR	73220	Magnetic resonance (eg, proton) imaging, upper extremity, other than joint; without contrast material(s), followed by contrast material(s) and further sequences	Yes	
MR	73221	Magnetic resonance (eg, proton) imaging, any joint of upper extremity; without contrast material(s)	Yes	
MR	73222	Magnetic resonance (eg, proton) imaging, any joint of upper extremity; with contrast material(s)	Yes	
MR	73223	Magnetic resonance (eg, proton) imaging, any joint of upper extremity; without contrast material(s), followed by contrast material(s) and further sequences	Yes	
MR	73225	Magnetic resonance angiography, upper extremity, with or without contrast material(s)	Yes	
CT	73700	Computed tomography, lower extremity; without contrast material	Yes	
CT	73701	Computed tomography, lower extremity; with contrast material(s)	Yes	
CT	73702	Computed tomography, lower extremity; without contrast material, followed by contrast material(s) and further sections	Yes	
CT	73706	Computed tomographic angiography, lower extremity, with contrast material(s), including noncontrast images, if performed, and image postprocessing	Yes	
MR	73718	Magnetic resonance (eg, proton) imaging, lower extremity other than joint; without contrast material(s)	Yes	
MR	73719	Magnetic resonance (eg, proton) imaging, lower extremity other than joint; with contrast material(s)	Yes	
MR	73720	Magnetic resonance (eg, proton) imaging, lower extremity other than joint; without contrast material(s), followed by contrast material(s) and further sequences	Yes	
MR	73721	Magnetic resonance (eg, proton) imaging, any joint of lower extremity; without contrast material	Yes	
MR	73722	Magnetic resonance (eg, proton) imaging, any joint of lower extremity; with contrast material(s)	Yes	
MR	73723	Magnetic resonance (eg, proton) imaging, any joint of lower extremity; without contrast material(s), followed by contrast material(s) and further sequences	Yes	
MR	73725	Magnetic resonance angiography, lower extremity, with or without contrast material(s)	Yes	
CT	74150	Computed tomography, abdomen; without contrast material	Yes	
CT	74160	Computed tomography, abdomen; with contrast material(s)	Yes	
CT	74170	Computed tomography, abdomen; without contrast material, followed by contrast material(s) and further sections	Yes	
CT	74174	Computed tomographic angiography, abdomen and pelvis, with contrast material(s), including noncontrast images, if performed, and image postprocessing	Yes	
CT	74175	Computed tomographic angiography, abdomen, with contrast material(s), including noncontrast images, if performed, and image postprocessing	Yes	
CT	74176	Computed tomography, abdomen and pelvis; without contrast material	Yes	
CT	74177	Computed tomography, abdomen and pelvis; with contrast material(s)	Yes	
CT	74178	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	Yes	
MR	74181	Magnetic resonance (eg, proton) imaging, abdomen; without contrast material(s)	Yes	
MR	74182	Magnetic resonance (eg, proton) imaging, abdomen; with contrast material(s)	Yes	

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MR	74183	Magnetic resonance (eg, proton) imaging, abdomen; without contrast material(s), followed by with contrast material(s) and further sequences	Yes	
MR	74185	Magnetic resonance angiography, abdomen, with or without contrast material(s)	Yes	
CT	74261	Computed tomographic (CT) colonography, diagnostic, including image postprocessing; without contrast material	Yes	
CT	74262	Computed tomographic (CT) colonography, diagnostic, including image postprocessing; with contrast material(s) including non-contrast images, if performed	Yes	
CT	74263	Computed tomographic (CT) colonography, screening, including image postprocessing	Yes	
MR	74712	Magnetic resonance (eg, proton) imaging, fetal, including placental and maternal pelvic imaging when performed; single or first gestation	Yes	
MR	74713	Magnetic resonance (eg, proton) imaging, fetal, including placental and maternal pelvic imaging when performed; each additional gestation (List separately in addition to code for primary procedure)	Yes	Add-On
MR	75557	Cardiac magnetic resonance imaging for morphology and function without contrast material;	Yes	
MR	75559	Cardiac magnetic resonance imaging for morphology and function without contrast material; with stress imaging	Yes	
MR	75561	Cardiac magnetic resonance imaging for morphology and function without contrast material(s), followed by contrast material(s) and further sequences;	Yes	
MR	75563	Cardiac magnetic resonance imaging for morphology and function without contrast material(s), followed by contrast material(s) and further sequences; with stress imaging	Yes	
MR	75565	Cardiac magnetic resonance imaging for velocity flow mapping (List separately in addition to code for primary procedure)	Yes	Add-On
CT	75571	Computed tomography, heart, without contrast material, with quantitative evaluation of coronary calcium	Yes	
CT	75572	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)	Yes	
CT	75573	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)	Yes	
CT	75574	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 evaluatio	Yes	Add-On
CCTA	75580	Noninvasive estimate of coronary fractional flow reserve (FFR) derived from augmentative software analysis of the data set from a coronary computed tomography angiography, with interpretation and report by a physician or other qualified health care professional	Yes	
CT	75635	Computed tomographic angiography, abdominal aorta and bilateral iliofemoral lower extremity runoff, with contrast material(s), including noncontrast images, if performed, and image postprocessing	Yes	
CT	76380	Computed tomography, limited or localized follow-up study	Yes	
MR	76390	Magnetic resonance spectroscopy	Yes	
MRI	76498	Unlisted MRI Procedure	Add on code to primary 78813	
MR	77021	Magnetic resonance imaging guidance for needle placement (eg, for biopsy, needle aspiration, injection, or placement of localization device) radiological supervision and interpretation	Yes	1/1/2019 - AMA revisions
MR	77022	Magnetic resonance imaging guidance for, and monitoring of, parenchymal tissue ablation	Yes	1/1/2019 - AMA revisions
BMRI	77046	Magnetic resonance imaging, breast, without contrast material; unilateral	Yes	1/1/2019 - AMA Additions
BMRI	77047	Magnetic resonance imaging, breast, without contrast material; bilateral	Yes	1/1/2019 - AMA Additions
BMRI	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; unilateral	Yes	1/1/2019 - AMA Additions

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BMRI	77049	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	Yes	1/1/2019 - AMA Additions
MR	77084	Magnetic resonance (eg, proton) imaging, bone marrow blood supply	Yes	
CPET	78429	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	Yes	1/1/2020 AMA Additions
CPET	78430	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	Yes	1/1/2020 AMA Additions
CPET	78431	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	Yes	1/1/2020 AMA Additions
CPET	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);	Yes	1/1/2020 AMA Additions
CPET	78433	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	Yes	1/1/2020 AMA Additions
CPET	78434	Absolute quantitation of myocardial blood flow (AQMBF), positron emission tomography (PET), rest and pharmacologic stress (List separately in addition to code for primary procedure)	Investigational	1/1/2020 AMA Additions Add-on Code
Nuc Card	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); single study, at rest or stress (exercise or pharmacologic)	Yes	
Nuc Card	78452	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 rest reinjection	Yes	
Nuc Card	78453	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)	Yes	
Nuc Card	78454	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 rest reinjection	Yes	
Cardiac	78459	Myocardial imaging, positron emission tomography (PET), metabolic evaluation study (including ventricular wall motion[s] and/or ejection fraction[s], when performed), single study	Yes	1/1/2020 AMA Revision
Nuc Card	78466	Myocardial Infarction Scan	Yes	
Nuc Card	78468	Heart Infarct Image Ejection Fraction	Yes	
Nuc Card	78469	Heart Infarct Image 3D SPECT	Yes	
Nuc Card	78472	Cardiac Bloodpool Img, Single	Yes	
Nuc Card	78473	Cardiac Bloodpool Img, Multi	Yes	
Nuc Card	78481	Heart First Pass Single	Yes	
Nuc Card	78483	Cardiac Blood Pool Imaging -- Multiple	Yes	
Cardiac	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)	Yes	1/1/2020 AMA Revision
Cardiac	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/or stress (exercise or pharmacologic)	Yes	1/1/2020 AMA Revision
Nuc Card	78494	Cardiac Blood Pool Imaging , SPECT	Yes	

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Nuc Card	78496	Cardiac blood pool imaging, gated equilibrium, single study, at rest, with right ventricular ejection fraction by first pass technique (List separately in addition to code for primary procedure)	Yes	Add-On
PET	78608	Brain imaging, positron emission tomography (PET); metabolic evaluation	Yes	
PET	78609	Brain imaging, positron emission tomography (PET); perfusion evaluation	Yes	
PET	78811	Positron emission tomography (PET) imaging; limited area (eg, chest, head/neck)	Yes	
PET	78812	Positron emission tomography (PET) imaging; skull base to mid-thigh	Yes	
PET	78813	Positron emission tomography (PET) imaging; whole body	Yes	
PET	78814	Positron emission tomography (PET) with concurrently acquired computed tomography (CT) for attenuation correction and anatomical localization imaging; limited area (eg, chest, head/neck)	Yes	
PET	78815	Positron emission tomography (PET) with concurrently acquired computed tomography (CT) for attenuation correction and anatomical localization imaging; skull base to mid-thigh	Yes	
PET	78816	Positron emission tomography (PET) with concurrently acquired computed tomography (CT) for attenuation correction and anatomical localization imaging; whole body	Yes	
Cardiac	93350	Echocardiography, transthoracic, real-time with image documentation (2D), includes M-mode recording, when performed, during rest and cardiovascular stress test using treadmill, bicycle exercise and/or pharmacologically induced stress, with interpretation	Yes	
Cardiac	93351	Echocardiography, transthoracic, real-time with image documentation (2D), includes M-mode recording, when performed, during rest and cardiovascular stress test using treadmill, bicycle exercise and/or pharmacologically induced stress, with interpretation	Yes	
Heart Catheterization	93451	Right heart catheterization including measurement(s) of oxygen saturation and cardiac output, when performed	Yes	
Heart Catheterization	93452	Left heart catheterization including intraprocedural injection(s) for left ventriculography, imaging supervision and interpretation, when performed	Yes	
Heart Catheterization	93453	Combined right and left heart catheterization including intraprocedural injection(s) for left ventriculography, imaging supervision and interpretation, when performed	Yes	
Heart Catheterization	93454	Catheter placement in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for coronary angiography, imaging supervision and interpretation;	Yes	
Heart Catheterization	93455	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	Yes	
Heart Catheterization	93456	Catheter placement in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for coronary angiography, imaging supervision and interpretation; with right heart catheterization	Yes	
Heart Catheterization	93457	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	Yes	
Heart Catheterization	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	Yes	
Heart Catheterization	93459	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	Yes	
Heart Catheterization	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)	Yes	
Heart Catheterization	93461	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)	Yes	
Heart Catheterization	93593	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	Yes	

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Heart Catheterization	93594	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	Yes	
Heart Catheterization	93595	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	Yes	
Heart Catheterization	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); normal native connections	Yes	
Heart Catheterization	93597	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); connections abnormal native connections	Yes	
CT	0042T	Cerebral perfusion analysis using computed tomography with contrast administration, including post-processing of parametric maps with determination of cerebral blood flow, cerebral blood volume, and mean transit time	Yes	
CCTA	0501T	Noninvasive estimated coronary fractional flow reserve (FFR) derived from coronary computed tomography angiography data using computation fluid dynamics physiologic simulation software analysis of functional data to assess the severity of coronary artery disease; data preparation and transmission, analysis of fluid dynamics and simulated maximal coronary hyperemia, generation of estimated FFR model, with anatomical data review in comparison with estimated FFR model to reconcile discordant data, interpretation and report	Yes	Effective 1/1/2018-AMA Addition
CCTA	0502T	Noninvasive estimated coronary fractional flow reserve (FFR) derived from coronary computed tomography angiography data using computation fluid dynamics physiologic simulation software analysis of functional data to assess the severity of coronary artery disease; data preparation and transmission	Yes	Effective 1/1/2018-AMA Addition
CCTA	0503T	Noninvasive estimated coronary fractional flow reserve (FFR) derived from coronary computed tomography angiography data using computation fluid dynamics physiologic simulation software analysis of functional data to assess the severity of coronary artery disease; analysis of fluid dynamics and simulated maximal coronary hyperemia, and generation of estimated FFR model	Yes	Effective 1/1/2018-AMA Addition
CCTA	0504T	Noninvasive estimated coronary fractional flow reserve (FFR) derived from coronary computed tomography angiography data using computation fluid dynamics physiologic simulation software analysis of functional data to assess the severity of coronary artery disease; anatomical data review in comparison with estimated FFR model to reconcile discordant data, interpretation and report	Yes	Effective 1/1/2018-AMA Addition
CID	0515T	Insertion of wireless cardiac stimulator for left ventricular pacing, including device interrogation and programming, and imaging supervision and interpretation, when performed; complete system (includes electrode and generator [transmitter and battery])	Yes	1/1/19 - AMA Addition
CID	0516T	Insertion of wireless cardiac stimulator for left ventricular pacing, including device interrogation and programming, and imaging supervision and interpretation, when performed; electrode only	Yes	1/1/19 - AMA Addition
CID	0517T	Insertion of wireless cardiac stimulator for left ventricular pacing, including device interrogation and programming, and imaging supervision and interpretation, when performed; pulse generator component(s) (battery and/or transmitter) only	Yes	1/1/19 - AMA Addition
CID	0519T	Removal and replacement of wireless cardiac stimulator for left ventricular pacing; pulse generator component(s) (battery and/or transmitter)	Yes	1/1/19 - AMA Addition
CID	0520T	Removal and replacement of wireless cardiac stimulator for left ventricular pacing; pulse generator component(s) (battery and/or transmitter), including placement of a new electrode	Yes	1/1/19 - AMA Addition
MR	0609T	Magnetic resonance spectroscopy, determination and localization of discogenic pain (cervical, thoracic, or lumbar); acquisition of single voxel data, per disc, on biomarkers (ie, lactic acid, carbohydrate, alanine, laal, propionic acid, proteoglycan, and collagen) in at least 3 discs	Yes	1/1/2021 Addition, INVESTIGATIONAL
MR	0610T	Magnetic resonance spectroscopy, determination and localization of discogenic pain (cervical, thoracic, or lumbar); transmission of biomarker data for software analysis	Yes	1/1/2021 Addition, INVESTIGATIONAL
MR	0611T	Magnetic resonance spectroscopy, determination and localization of discogenic pain (cervical, thoracic, or lumbar); postprocessing for algorithmic analysis of biomarker data for determination of relative chemical differences between discs	Yes	1/1/2021 Addition, INVESTIGATIONAL
MR	0612T	Magnetic resonance spectroscopy, determination and localization of discogenic pain (cervical, thoracic, or lumbar); interpretation and report	Yes	1/1/2021 Addition, INVESTIGATIONAL

Category	CPT® Code	CPT® Code Description	Requires Prior Authorization	Notes
CRID	0614T	Removal and replacement of substernal implantable defibrillator pulse generator	Yes	1/1/2021 Addition
CCTA	0623T	Automated quantification and characterization of coronary atherosclerotic plaque to assess severity of coronary disease, using data from coronary computed tomographic angiography; data preparation and transmission, computerized analysis of data, with review of computerized analysis output to reconcile discordant data, interpretation and report. <b>Effective 9/1/2021 AMA Additions</b>	Investigational	9/1/2021 - AMA Additions
CCTA	0624T	Automated quantification and characterization of coronary atherosclerotic plaque to assess severity of coronary disease, using data from coronary computed tomographic angiography; data preparation and transmission. <b>Effective 9/1/2021 AMA Additions</b>	Investigational	9/1/2021 - AMA Additions
CCTA	0625T	Automated quantification and characterization of coronary atherosclerotic plaque to assess severity of coronary disease, using data from coronary computed tomographic angiography; computerized analysis of data from coronary computed tomographic angiography. <b>Effective 9/1/2021 AMA Additions</b>	Investigational	9/1/2021 - AMA Additions
CCTA	0626T	Automated quantification and characterization of coronary atherosclerotic plaque to assess severity of coronary disease, using data from coronary computed tomographic angiography; review of computerized analysis output to reconcile discordant data, interpretation and report. <b>Effective 9/1/2021 AMA Additions</b>	Investigational	9/1/2021 - AMA Additions
CT	0633T	Computed tomography, breast, including 3D rendering, when performed, unilateral; without contrast material	Yes	1/1/2021 Addition, INVESTIGATIONAL
CT	0634T	Computed tomography, breast, including 3D rendering, when performed, unilateral; with contrast material(s)	Yes	1/1/2021 Addition, INVESTIGATIONAL
CT	0635T	Computed tomography, breast, including 3D rendering, when performed, unilateral; without contrast, followed by contrast material(s)	Yes	1/1/2021 Addition, INVESTIGATIONAL
CT	0636T	Computed tomography, breast, including 3D rendering, when performed, bilateral; without contrast material(s)	Yes	1/1/2021 Addition, INVESTIGATIONAL
CT	0637T	Computed tomography, breast, including 3D rendering, when performed, bilateral; with contrast material(s)	Yes	1/1/2021 Addition, INVESTIGATIONAL
CT	0638T	Computed tomography, breast, including 3D rendering, when performed, bilateral; without contrast, followed by contrast material(s)	Yes	1/1/2021 Addition, INVESTIGATIONAL
CT (CTA)	0710T	Noninvasive arterial plaque analysis using software processing of data from non-coronary computerized tomography angiography; including data preparation and transmission, quantification of the structure and composition of the vessel wall and assessment for lipid-rich necrotic core plaque to assess atherosclerotic plaque stability, data review, interpretation and report	Investigational	
CT (CTA)	0711T	Noninvasive arterial plaque analysis using software processing of data from non-coronary computerized tomography angiography; data preparation and transmission	Investigational	
CT (CTA)	0712T	Noninvasive arterial plaque analysis using software processing of data from non-coronary computerized tomography angiography; quantification of the structure and composition of the vessel wall and assessment for lipid-rich necrotic core plaque to assess atherosclerotic plaque stability	Investigational	
CT (CTA)	0713T	Noninvasive arterial plaque analysis using software processing of data from non-coronary computerized tomography angiography; data review, interpretation and report	Investigational	
NUC CARD	0742T	Absolute quantitation of myocardial blood flow (AQMBF), single-photon emission computed tomography (SPECT), with exercise or pharmacologic stress, and at rest, when performed (List separately in addition to code for primary procedure)	Investigational/Experimental	
CID	0915T	Insertion of permanent cardiac contractility modulation-defibrillation system component(s), including fluoroscopic guidance, and evaluation and programming of sensing and therapeutic parameters; pulse generator and dual transvenous electrodes/leads (pacing and defibrillation)	Investigational	
CID	0916T	Insertion of permanent cardiac contractility modulation-defibrillation system component(s), including fluoroscopic guidance, and evaluation and programming of sensing and therapeutic parameters; pulse generator only	Investigational	

Category	CPT® Code	CPT® Code Description	Requires Prior Authorization	Notes
CID	<b>0923T</b>	Removal and replacement of permanent cardiac contractility modulation-defibrillation pulse generator only	Investigational	
CID	<b>0933T</b>	Transcatheter implantation of wireless left atrial pressure sensor for long-term left atrial pressure monitoring, including sensor calibration and deployment, right heart catheterization, transseptal puncture, imaging guidance, and radiological supervision and interpretation	Investigational	
MRA	<b>C8900</b>	MRA Abdomen with contrast	redirect to 74185	
MRA	<b>C8901</b>	MRA Abdomen without contrast	redirect to 74185	
MRA	<b>C8902</b>	MRA Abdomen with and w/o contrast	redirect to 74185	
MRI	<b>C8903</b>	MRI Breast with contrast, unilateral	redirect to 77048	
MRI	<b>C8905</b>	MRI Breast with and without contrast, unilateral	redirect to 77048	
MRI	<b>C8906</b>	MRI Breast Bilateral with contrast	redirect to 77049	
MRI	<b>C8908</b>	MRI Breast Bilateral with and without contrast	redirect to 77049	
MRA	<b>C8909</b>	MRA chest with contrast (excluding myocardium)	redirect to 71555	
MRA	<b>C8910</b>	MRA chest without contrast (excluding myocardium)	redirect to 71555	
MRA	<b>C8911</b>	MRA chest with and without contrast (excluding myocardium)	redirect to 71555	
MRA	<b>C8912</b>	MRA lower extremity with contrast	redirect to 73725	
MRA	<b>C8913</b>	MRA lower extremity without contrast	redirect to 73725	
MRA	<b>C8914</b>	MRA lower extremity with and without contrast	redirect to 73725	
MRA	<b>C8918</b>	MRA pelvis with contrast	redirect to 72198	
MRA	<b>C8919</b>	MRA pelvis without contrast	redirect to 72198	
MRA	<b>C8920</b>	MRA pelvis with and without contrast	redirect to 72198	
MR	<b>C9762</b>	Cardiac magnetic resonance imaging for morphology and function, quantification of segmental dysfunction; with strain imaging	Yes	1/1/2021 Addition, INVESTIGATIONAL
MR	<b>C9763</b>	Cardiac magnetic resonance imaging for morphology and function, quantification of segmental dysfunction; with stress imaging	Yes	1/1/2021 Addition, INVESTIGATIONAL
MR	<b>S8035</b>	Magnetic source imaging	Yes	
MR	<b>S8037</b>	Magnetic resonance cholangiopancreatography (mrcp)	Yes	
MR	<b>S8042</b>	Magnetic resonance imaging (mri), low-field	Yes	
PET	<b>S8085</b>	Fluorine-18 Fluorodeoxyglucose (F-18 Fdg) Imaging Using Dual Head Coincidence Detection System. (Non-Dedicated Pet Scan) - <b>ImageOne code for NY and NNJ only</b>	redirect to 78811-78816	
CT	<b>S8092</b>	Electron beam computed tomography (also known as ultrafast ct, cine ct)	Yes	

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