

## Health Alliance Medical Plan Cardiology and Radiology Code List

Prior Authorization Procedure List: Cardiology & Radiology, MSK (Join, Spine, Pain, Massage, Speech), Oncology\*, Radiation Therapy, and Sleep.

\*The Oncology CPT® Code list for any individual client is highly dependent on the exact program structure selected and can be impacted by multiple factors. Additionally, new drugs are added frequently and codes change quarterly. For assistance with this clients managed list, please contact David Spangler, Maggie Rausa, or Beth McWilliams.

Category	CPT® Code	CPT® Code Description
Cardiac Implantable Devices	33207	Insertion of new or replacement of permanent pacemaker with transvenous electrode(s); ventricular
Cardiac Implantable Devices	33208	Insertion of new or replacement of permanent pacemaker with transvenous electrode(s); atrial and ventricular
Cardiac Implantable Devices	33212	Insertion of pacemaker pulse generator only; with existing single lead
Cardiac Implantable Devices	33214	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 generator)
Cardiac Implantable Devices	33221	Insertion of pacemaker pulse generator only; with existing multiple leads
Cardiac Implantable Devices	33225	Insertion of pacing electrode, cardiac venous system, for left ventricular pacing, at time of insertion of pacing cardioverter-defibrillator or pacemaker pulse generator (including upgrade to dual chamber system and pocket revision) (list separately in addition to code for primary procedure)
Cardiac Implantable Devices	33228	Removal of permanent pacemaker pulse generator with replacement of pacemaker pulse generator; dual lead system
Cardiac Implantable Devices	33229	Removal of permanent pacemaker pulse generator with replacement of pacemaker pulse generator; multiple lead system
Cardiac Implantable Devices	33230	Insertion of pacing cardioverter-defibrillator pulse generator only; with existing dual leads
Cardiac Implantable Devices	33231	Insertion of pacing cardioverter-defibrillator pulse generator only; with existing multiple leads
Cardiac Implantable Devices	33240	Insertion of pacing cardioverter-defibrillator pulse generator only; with existing single lead
Cardiac Implantable Devices	33249	Insertion or replacement of permanent pacing cardioverter-defibrillator system with transvenous lead(s), single or dual chamber
Cardiac Implantable Devices	33263	Removal of implantable defibrillator pulse generator with replacement of implantable defibrillator pulse generator; dual lead system
Cardiac Implantable Devices	33264	Removal of implantable defibrillator pulse generator with replacement of implantable defibrillator pulse generator; multiple lead system
Cardiac Implantable Devices	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

Category	CPT® Code	CPT® Code Description
Cardiac Implantable Devices	33275	Transcatheter removal of permanent leadless pacemaker, right ventricular
Cardiac Implantable Devices	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
Radiology: MR	70336	M R I T M J
Radiology: CT	70450	C T Head Without Contrast
Radiology: CT	70460	C T Head With Contrast
Radiology: CT	70470	C T Head Without & With Contrast
Radiology: CT	70480	C T Orbit Without Contrast
Radiology: CT	70481	C T Orbit With Contrast
Radiology: CT	70482	C T Orbit Without & With Contrast
Radiology: CT	70486	C T Maxillofacial Without Contrast
Radiology: CT	70487	C T Maxillofacial With Contrast
Radiology: CT	70488	C T Maxillofacial Without & With Contrast
Radiology: CT	70490	C T Soft Tissue Neck Without Contrast
Radiology: CT	70491	C T Soft Tissue Neck With Contrast
Radiology: CT	70492	C T Soft Tissue Neck Without & With Contrast
Radiology: CT	70496	C T Angiography Head
Radiology: CT	70498	C T Angiography Neck
Radiology: MR	70540	M R I Orbit, Face, Neck and/or Without Contrast
Radiology: MR	70542	M R I Face, Orbit, Neck With Contrast
Radiology: MR	70543	M R I Face, Orbit, Neck With & Without Contrast
Radiology: MR	70544	M R A Head Without Contrast
Radiology: MR	70545	M R A Head With Contrast
Radiology: MR	70546	M R A Head With & Without Contrast
Radiology: MR	70547	M R A Neck Without Contrast
Radiology: MR	70548	M R A Neck With Contrast
Radiology: MR	70549	M R A Neck With & Without Contrast
Radiology: MR	70551	M R I Head Without Contrast
Radiology: MR	70552	M R I Head With Contrast
Radiology: MR	70553	M R I Head With & Without Contrast
Radiology: MR	70554	MRI Brain, functional MRI
Radiology: MR	70555	MRI Brain, functional MRI, requiring physician
Radiology: CT	71250	C T Thorax, Diagnostic; Without Contrast Material
Radiology: CT	71260	C T Thorax, Diagnostic; With Contrast Material(S)
Radiology: CT	71270	C T Thorax, Diagnostic; Without Contrast Material, Followed By Contrast Material(S) And Further Sections

Category	CPT® Code	CPT® Code Description
Radiology: CT	71271	Computed tomography, thorax, low dose for lung cancer screening, without contrast material(s)
Radiology: CT	71275	C T Angiography Chest Without Contrast Material, Followed by Contrast Material and Further Sections,Including Image Postprocessing
Radiology: MR	71550	M R I Chest Without Contrast
Radiology: MR	71551	M R I Chest With Contrast
Radiology: MR	71552	M R I Chest With & Without Contrast
Radiology: MR	71555	M R A Chest (Excluding Myocardium) With Or Without Contrast
Radiology: CT	72125	C T Cervical Spine Without Contrast
Radiology: CT	72126	C T Cervical Spine With Contrast
Radiology: CT	72127	C T Cervical Spine Without & With Contrast
Radiology: CT	72128	C T Thoracic Spine Without Contrast
Radiology: CT	72129	C T Thoracic Spine With Contrast
Radiology: CT	72130	C T Thoracic Spine Without & With Contrast
Radiology: CT	72131	C T Lumbar Spine Without Contrast
Radiology: CT	72132	C T Lumbar Spine With Contrast
Radiology: CT	72133	C T Lumbar Spine Without & With Contrast
Radiology: MR	72141	M R I Cervical Spine Without Contrast
Radiology: MR	72142	M R I Cervical Spine With Contrast
Radiology: MR	72146	M R I Thoracic Spine Without Contrast
Radiology: MR	72147	M R I Thoracic Spine With Contrast
Radiology: MR	72148	M R I Lumbar Spine Without Contrast
Radiology: MR	72149	M R I Lumbar Spine With Contrast
Radiology: MR	72156	M R I Cervical Spine With & Without Contrast
Radiology: MR	72157	M R I Thoracic Spine With & Without Contrast
Radiology: MR	72158	M R I Lumbar Spine With & Without Contrast
Radiology: MR	72159	M R A Spinal Canal With Or Without Contrast
Radiology: CT	72191	Computed Tomography, Thorax, Diagnostic; With Contrast Material(S)
Radiology: CT	72192	C T Pelvis Without Contrast
Radiology: CT	72193	C T Pelvis With Contrast
Radiology: CT	72194	C T Pelvis Without & With Contrast
Radiology: MR	72195	M R I Pelvis Without Contrast
Radiology: MR	72196	M R I Pelvis With Contrast
Radiology: MR	72197	M R I Pelvis With & Without Contrast
Radiology: MR	72198	M R A Pelvis With Or Without Contrast
Radiology: CT	73200	C T Upper Extremity Without Contrast
Radiology: CT	73201	C T Upper Extremity With Contrast

Category	CPT® Code	CPT® Code Description
Radiology: CT	73202	C T Upper Extremity Without & With Contrast
Radiology: CT	73206	C T Angiography Upper Extremity
Radiology: MR	73218	M R I Upper Extremity Without Contrast
Radiology: MR	73219	M R I Upper Extremity With Contrast
Radiology: MR	73220	M R I Upper Extremity With & Without Contrast
Radiology: MR	73221	M R I Upper Extremity Joint Without Contrast
Radiology: MR	73222	M R I Upper Extremity Joint With Contrast
Radiology: MR	73223	M R I Upper Extremity Joint With & Without Contrast
Radiology: MR	73225	M R A Upper Extremity With Or Without Contrast
Radiology: CT	73700	C T Lower Extremity Without Contrast
Radiology: CT	73701	C T Lower Extremity With Contrast
Radiology: CT	73702	C T Lower Extremity Without & With Contrast
Radiology: CT	73706	C T Angiography Lower Extremity
Radiology: MR	73718	M R I Lower Extremity Without Contrast
Radiology: MR	73719	M R I Lower Extremity With Contrast
Radiology: MR	73720	M R I Lower Extremity With & Without Contrast
Radiology: MR	73721	M R I Lower Extremity Joint Without Contrast
Radiology: MR	73722	M R I Lower Extremity Joint With Contrast
Radiology: MR	73723	M R I Lower Extremity Joint With & Without Contrast
Radiology: MR	73725	M R A Lower Extremity With Or Without Contrast
Radiology: CT	74150	C T Abdomen Without Contrast
Radiology: CT	74160	C T Abdomen With Contrast
Radiology: CT	74170	C T Abdomen Without & With Contrast
Radiology: CT	74174	CT angiography, abdomen and pelvis, with contrast material(s), including noncontrast images, if performed, and image postprocessing
Radiology: CT	74175	C T Angiography Abdomen
Radiology: CT	74176	CT abdomen and pelvis without contrast
Radiology: CT	74177	CT abdomen and pelvis with contrast
Radiology: 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
Radiology: MR	74181	M R I Abdomen Without Contrast
Radiology: MR	74182	M R I Abdomen With Contrast
Radiology: MR	74183	M R I Abdomen With & Without Contrast
Radiology: MR	74185	M R A Abdomen With Or Without Contrast
Radiology: CT	74261	Computed tomographic (CT) colonography, diagnostic, including image postprocessing; without contrast material
Radiology: CT	74262	Computed tomographic (CT) colonography, diagnostic, including image postprocessing; with contrast material(s) including non-contrast images, if performed

Category	CPT® Code	CPT® Code Description
Radiology: CT	74263	Computed tomographic (CT) colonography, screening, including image postprocessing
Cardiac: MR	75557	Cardiac magnetic resonance imaging for morphology and function without contrast material
Cardiac: MR	75559	Cardiac magnetic resonance imaging for morphology and function without contrast material; with stress imaging
Cardiac: MR	75561	Cardiac magnetic resonance imaging for morphology and function without contrast material(s), followed by contrast material(s) and further sequences
Cardiac: 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
Cardiac: MR	75565	Cardiac magnetic resonance imaging for velocity flow mapping (list separately in addition to code for primary procedure)
Cardiac: CT	75571	Computed tomography, heart, without contrast material, with quantitative evaluation of coronary calcium
Cardiac: 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)
Cardiac: 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 lv cardiac function, rv structure and function and evaluation of venous structures, if performed)
Cardiac: 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 evaluation of venous structures, if performed)
CID	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
Radiology: CT	75635	C T Angiography Abdominal Aorta
Radiology: 3D Imaging	76376	3D Rendering W/O Postprocessing
Radiology: 3D Imaging	76377	3D Rendering W Postprocessing
Radiology: CT	76380	C T Limited Or Localized Follow-Up Study
Radiology: MR	76390	M R I Spectroscopy
Radiology: MRI	76391	Magnetic resonance (eg, vibration) elastography
Radiology: CT	76497	Unlisted computed tomography procedure
Radiology: MR	76498	Unlisted MRI Procedure
Radiology: MR	77021	Magnetic resonance imaging guidance for needle placement (eg, for biopsy, needle aspiration, injection, or placement of localization device) radiological supervision and interpretation
Radiology: MR	77022	Magnetic resonance imaging guidance for, and monitoring of, parenchymal tissue ablation
Radiology: BMRI	77046	Magnetic resonance imaging, breast, without contrast material; unilateral
Radiology: BMRI	77047	Magnetic resonance imaging, breast, without contrast material; bilateral
Radiology: 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

Category	CPT® Code	CPT® Code Description
Radiology: 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
Radiology: CT	77078	Computed Tomography, bone mineral density study, 1 or more sites; axial skeleton
Radiology: MR	77084	Magnetic resonance (eg, proton) imaging, bone marrow blood supply
Radiology: Nuclear Medicine	78414	Non-Imaging Heart Function
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
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
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
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);
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
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)
Cardiac: Myocardial Perfusion Imaging (Nuclear Stress)	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)
Cardiac: Myocardial Perfusion Imaging (Nuclear Stress)	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
Cardiac: Myocardial Perfusion Imaging (Nuclear Stress)	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)

Category	CPT® Code	CPT® Code Description
Cardiac: Myocardial Perfusion Imaging (Nuclear Stress)	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
Cardiac: PET	78459	Myocardial imaging, positron emission tomography (PET), metabolic evaluation study (including ventricular wall motion[s] and/or ejection fraction[s], when performed), single study
Radiology: Nuclear Medicine	78466	Myocardial Infarction Scan
Radiology: Nuclear Medicine	78468	Heart Infarct Image Ejection Fraction
Radiology: Nuclear Medicine	78472	Cardiac bloodpool img, single
Radiology: Nuclear Medicine	78483	Cardiac Blood Pool Imaging -- Multiple
Cardiac: PET	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)
Cardiac: PET	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)
Radiology: Nuclear Medicine	78494	Cardiac Blood Pool Imaging , SPECT
Radiology: Nuclear Medicine	78496	Cardiac Blood Pool Imaging - Single Study @ Rest
Radiology: Nuclear Medicine	78499	Unlisted Cardiovascular Procedure - Redirect to valid procedure
Radiology: PET	78608	Brain Imaging, Positron Emission Tomography (PET) Metabolic Evaluation
Radiology: PET	78609	Brain Imaging, Positron Emission Tomography (PET) Perfusion Evaluation
Radiology: Nuclear Medicine	78803	Radiopharmaceutical localization of tumor, inflammatory process or distribution of radiopharmaceutical agent(s) (includes vascular flow and blood pool imaging, when performed); tomographic (SPECT), single area (eg, head, neck, chest, pelvis) or acquisition, single day imaging
Radiology: PET	78811	TUMOR IMAGING, POSITRON EMISSION TOMOGRAPHY (PET); LIMITED AREA (EG, CHEST, HEAD/NECK)
Radiology: PET	78812	TUMOR IMAGING, POSITRON EMISSION TOMOGRAPHY (PET); SKULL BASE TO MID-THIGH
Radiology: PET	78813	POSITRON EMISSION TOMOGRAPHY (PET); WHOLE BODY
Radiology: PET	78814	TUMOR IMAGING, POSITRON EMISSION TOMOGRAPHY (PET) WITH CONCURRENTLY ACQUIRED COMPUTER TOMOGRAPHY (CT) FOR ATTENUATION CORRECTION AND ANATOMICAL LOCALIZATION; LIMITED AREA (EG CHEST, HEAD/NECK)
Radiology: PET	78815	TUMOR IMAGING, POSITRON EMISSION TOMOGRAPHY (PET) WITH CONCURRENTLY ACQUIRED COMPUTER TOMOGRAPHY (CT) FOR ATTENUATION CORRECTION AND ANATOMICAL LOCALIZATION; SKULL BASE TO MID-THIGH
Radiology: PET	78816	TUMOR IMAGING, POSITRON EMISSION TOMOGRAPHY (PET) WITH CONCURRENTLY ACQUIRED COMPUTER TOMOGRAPHY (CT) FOR ATTENUATION CORRECTION AND ANATOMICAL LOCALIZATION; WHOLE BODY



Category	CPT® Code	CPT® Code Description
Nuclear Medicine	78830	Radiopharmaceutical localization of tumor, inflammatory process or distribution of radiopharmaceutical agent(s) (includes vascular flow and blood pool imaging, when performed); tomographic (SPECT) with concurrently acquired computed tomography (CT) transmission scan for anatomical review, localization and determination/detection of pathology, single area (eg, head, neck, chest, pelvis) or acquisition, single day imaging
ECHO	93319	3D echocardiographic imaging and postprocessing during transesophageal echocardiography, or during transthoracic echocardiography for congenital cardiac anomalies, for the assessment of cardiac structure(s) (eg, cardiac chambers and valves, left atrial appendage, interatrial septum, interventricular septum) and function, when performed (List separately in addition to code for echocardiographic imaging)
Cardiac: ECHO STRESS	93350	Echocardiography, transthoracic, real-time with image documentation (2d), with or without m-mode recording, during rest and cardiovascular stress test, with interpretation and report
Cardiac: ECHO STRESS	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
Cardiac: Diagnostic Heart Cath	93451	RIGHT HEART CATHETERIZATION INCLUDING MEASUREMENT(S) OF OXYGEN SATURATION AND CARDIAC OUTPUT, WHEN PERFORMED
Cardiac: Diagnostic Heart Cath	93452	Left heart catheterization including intraprocedural injection(s) for left ventriculography, imaging supervision and interpretation, when performed
Cardiac: Diagnostic Heart Cath	93453	Combined right and left heart catheterization including intraprocedural injection(s) for left ventriculography, imaging supervision and interpretation, when performed
Cardiac: Diagnostic Heart Cath	93454	Catheter placement in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for coronary angiography, imaging supervision and interpretation
Cardiac: Diagnostic Heart Cath	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
Cardiac: Diagnostic Heart Cath	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
Cardiac: Diagnostic Heart Cath	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
Cardiac: Diagnostic Heart Cath	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
Cardiac: Diagnostic Heart Cath	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
Cardiac: Diagnostic Heart Cath	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



Category	CPT® Code	CPT® Code Description
Cardiac: Diagnostic Heart Cath	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) for left ventriculography, when performed, catheter placement(s) in bypass graft(s) (internal mammary, free arterial, venous grafts) with bypass graft angiography
Cardiac: Diagnostic Heart Cath	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
Cardiac: Diagnostic Heart Cath	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
Cardiac: Diagnostic Heart Cath	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
Cardiac: Diagnostic Heart Cath	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
Radiology: CT	0042T	CT perfusion brain
NUC CARD	0331T	Myocardial sympathetic innervation imaging, planar qualitative and quantitative assessment;
NUC CARD	0332T	Myocardial sympathetic innervation imaging, planar qualitative and quantitative assessment; with tomographic SPECT
Cardiac Rhythm Implantable Devices (CRID)	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])
Cardiac Rhythm Implantable Devices (CRID)	0516T	Insertion of wireless cardiac stimulator for left ventricular pacing, including device interrogation and programming, and imaging supervision and interpretation, when performed; electrode only
Cardiac Rhythm Implantable Devices (CRID)	0517T	Insertion of wireless cardiac stimulator for left ventricular pacing, including device interrogation and programming, and imaging supervision and interpretation, when performed; both components of pulse generator (battery and transmitter) only
Cardiac Rhythm Implantable Devices (CRID)	0519T	Removal and replacement of pulse generator for wireless cardiac stimulator for left ventricular pacing, including device interrogation and programming; both components (battery and transmitter)
Cardiac Rhythm Implantable Devices (CRID)	0520T	Removal and replacement of pulse generator for wireless cardiac stimulator for left ventricular pacing, including device interrogation and programming; battery component only
CRID	0571T	Insertion or replacement of implantable cardioverter-defibrillator system with substernal electrode(s), including all imaging guidance and electrophysiological evaluation (includes defibrillation threshold evaluation, induction of arrhythmia, evaluation of sensing for arrhythmia termination, and programming or reprogramming of sensing or therapeutic parameters), when performed
CRID	0572T	Insertion of substernal implantable defibrillator electrode
Radiology: 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

Category	CPT <sup>®</sup> Code	CPT <sup>®</sup> Code Description
Radiology: MR	0610T	Magnetic resonance spectroscopy, determination and localization of discogenic pain (cervical, thoracic, or lumbar); transmission of biomarker data for software analysis
Radiology: 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
Radiology: MR	0612T	Magnetic resonance spectroscopy, determination and localization of discogenic pain (cervical, thoracic, or lumbar); interpretation and report
CRID	0614T	Removal and replacement of substernal implantable defibrillator pulse generator
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>
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>
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>
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>
Radiology: CT	0633T	Computed tomography, breast, including 3D rendering, when performed, unilateral; without contrast material
Radiology: CT	0634T	Computed tomography, breast, including 3D rendering, when performed, unilateral; with contrast material(s)
Radiology: CT	0635T	Computed tomography, breast, including 3D rendering, when performed, unilateral; without contrast, followed by contrast material(s)
Radiology: CT	0636T	Computed tomography, breast, including 3D rendering, when performed, bilateral; without contrast material(s)
Radiology: CT	0637T	Computed tomography, breast, including 3D rendering, when performed, bilateral; with contrast material(s)
Radiology: CT	0638T	Computed tomography, breast, including 3D rendering, when performed, bilateral; without contrast, followed by contrast material(s)
MRI	0648T	Quantitative magnetic resonance for analysis of tissue composition (eg, fat, iron, water content), including multiparametric data acquisition, data preparation and transmission, interpretation and report, obtained without diagnostic MRI examination of the same anatomy (eg, organ, gland, tissue, target structure) during the same session; single organ. <b>Effective 7/1/2021 AMA Additions</b>

Category	CPT <sup>®</sup> Code	CPT <sup>®</sup> Code Description
MRI	0649T	Quantitative magnetic resonance for analysis of tissue composition (eg, fat, iron, water content), including multiparametric data acquisition, data preparation and transmission, interpretation and report, obtained with diagnostic MRI examination of the same anatomy (eg, organ, gland, tissue, target structure); single organ (List separately in addition to code for primary procedure). <b>Effective 7/1/2021 AMA Additions</b>
MRI	0697T	Quantitative magnetic resonance for analysis of tissue composition (eg, fat, iron, water content), including multiparametric data acquisition, data preparation and transmission, interpretation and report, obtained without diagnostic MRI examination of the same anatomy (eg, organ, gland, tissue, target structure) during the same session; multiple organs
MRI	0698T	Quantitative magnetic resonance for analysis of tissue composition (eg, fat, iron, water content), including multiparametric data acquisition, data preparation and transmission, interpretation and report, obtained with diagnostic MRI examination of the same anatomy (eg, organ, gland, tissue, target structure); multiple organs (List separately in addition to code for primary procedure)
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
CT (CTA)	0711T	Noninvasive arterial plaque analysis using software processing of data from non-coronary computerized tomography angiography; data preparation and transmission
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
CT (CTA)	0713T	Noninvasive arterial plaque analysis using software processing of data from non-coronary computerized tomography angiography; data review, interpretation and report
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)
CID	0795T	Transcatheter insertion of permanent dual-chamber leadless pacemaker, including imaging guidance (eg, fluoroscopy, venous ultrasound, right atrial angiography, right ventriculography, femoral venography) and device evaluation (eg, interrogation or programming), when performed; complete system (ie, right atrial and right ventricular pacemaker components)
CID	0796T	Transcatheter insertion of right atrial pacemaker component (when an existing right ventricular single leadless pacemaker exists to create a dual-chamber leadless pacemaker system)
CID	0797T	Transcatheter insertion of right ventricular pacemaker component (when part of a dual-chamber leadless pacemaker system)
CID	0798T	Transcatheter removal of permanent dual-chamber leadless pacemaker, including imaging guidance (eg, fluoroscopy, venous ultrasound, right atrial angiography, right ventriculography, femoral venography), when performed; complete system (ie, right atrial and right ventricular pacemaker components)
CID	0799T	Transcatheter removal of right atrial pacemaker component
CID	0800T	Transcatheter removal of right ventricular pacemaker component (when part of a dual-chamber leadless pacemaker system)

Category	CPT® Code	CPT® Code Description
CID	0801T	Transcatheter removal and replacement of permanent dual-chamber leadless pacemaker, including imaging guidance (eg, fluoroscopy, venous ultrasound, right atrial angiography, right ventriculography, femoral venography) and device evaluation (eg, interrogation or programming), when performed; dual-chamber system (ie, right atrial and right ventricular pacemaker components)
CID	0802T	Transcatheter removal and replacement of right atrial pacemaker component
CID	0803T	Transcatheter removal and replacement of right ventricular pacemaker component (when part of a dual-chamber leadless pacemaker system)
CID	0823T	Transcatheter insertion of permanent single-chamber leadless pacemaker, right atrial, including imaging guidance (eg, fluoroscopy, venous ultrasound, right atrial angiography and/or right ventriculography, femoral venography, cavography) and device evaluation (eg, interrogation or programming), when performed
CID	0825T	Transcatheter removal and replacement of permanent single-chamber leadless pacemaker, right atrial, including imaging guidance (eg, fluoroscopy, venous ultrasound, right atrial angiography and/or right ventriculography, femoral venography, cavography) and device evaluation (eg, interrogation or programming), when performed
CID	0861T	Removal of pulse generator for wireless cardiac stimulator for left ventricular pacing; both components (battery and transmitter)
CID	0862T	Relocation of pulse generator for wireless cardiac stimulator for left ventricular pacing, including device interrogation and programming; battery component only
CID	0863T	Relocation of pulse generator for wireless cardiac stimulator for left ventricular pacing, including device interrogation and programming; transmitter component only
Radiology: MR	0865T	Quantitative magnetic resonance image (MRI) analysis of the brain with comparison to prior magnetic resonance (MR) study(ies), including lesion identification, characterization, and quantification, with brain volume(s) quantification and/or severity score, when performed, data preparation and transmission, interpretation and report, obtained without diagnostic MRI examination of the brain during the same session
Radiology: MR	0866T	Quantitative magnetic resonance image (MRI) analysis of the brain with comparison to prior magnetic resonance (MR) study(ies), including lesion detection, characterization, and quantification, with brain volume(s) quantification and/or severity score, when performed, data preparation and transmission, interpretation and report, obtained with diagnostic MRI examination of the brain (List separately in addition to code for primary procedure)
Cardiac Implantable Devices	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)
Cardiac Implantable Devices	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
Cardiac Implantable Devices	0923T	Removal and replacement of permanent cardiac contractility modulation-defibrillation pulse generator only
Cardiac Implantable Devices	0933T	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
Radiology: MR	C8900	MRA Abdomen with contrast

Category	CPT <sup>®</sup> Code	CPT <sup>®</sup> Code Description
Radiology: MR	C8901	MRA Abdomen without contrast
Radiology: MR	C8902	MRA Abdomen with and w/o contrast
Radiology: MR	C8903	MRI Breast w/ contrast, unilateral
Radiology: MR	C8905	MRI Breast w. and w/o contrast, unilateral
Radiology: MR	C8906	MRI BREAST BILATERAL w/ CONTRAST
Radiology: MR	C8908	MRI BREAST BILATERAL w/ and w/o CONTRAST
Radiology: MR	C8909	MRA chest w/contrast (excluding myocardium)
Radiology: MR	C8910	MRA chest w/o contrast (excluding myocardium)
Radiology: MR	C8911	MRA chest (excluding myocardium)
Radiology: MR	C8912	MRA lower extremity w/ contrast
Radiology: MR	C8913	MRA lower extremity w/o contrast
Radiology: MR	C8914	MRA lower extremity w/ and w/o contrast
Radiology: MR	C8918	MRA pelvis w/ contrast
Radiology: MR	C8919	MRA pelvis w/o contrast
Radiology: MR	C8920	MRA pelvis w/ and w/o contrast
Radiology: MR	C8931	MRA, W/DYE, SPINAL CANAL
Radiology: MR	C8932	MRA, W/O DYE, SPINAL CANAL
Radiology: MR	C8933	MRA, W/O&W/DYE, SPINAL CANAL
Radiology: MR	C8934	MRA, W/DYE, UPPER EXTREMITY
Radiology: MR	C8935	MRA, W/O DYE, UPPER EXTR
Radiology: MR	C8936	MRA, W/O&W/DYE, UPPER EXTR
Radiology: MRI	C9791	Magnetic resonance imaging with inhaled hyperpolarized xenon-129 contrast agent, chest, including preparation and administration of agent
Radiology: PET	G0219	PET IMAGING WHOLE BODY; MELANOMA FOR NON-COVERED INDICATIONS
Radiology: PET	G0235	PET IMAGING, ANY SITE, NOT OTHERWISE SPECIFIED
Radiology: PET	G0252	PET IMAGING, FULL AND PARTIAL-RING PET SCANNERS ONLY FOR INITIAL DIAGNOSIS OF BREAST CANCER AND/OR SURGICAL PLANNING FOR BREAST CANCER
Radiology: MR	S8037	Magnetic resonance cholangiopancreato-graphy (MRCP)
Radiology: MR	S8042	MAGNETIC RESONANCE IMAGING (MRI), LOW-FIELD
Radiology: CT	S8080	Scintimammography (radioimmunoscintigraphy of the breast), unilateral, including supply of radiopharmaceutical
Radiology: PET	S8085	Fluorine-18 Fluorodeoxyglucose (F-18 FDG) Imaging Using Dual Head Coincidence Detection System. (Non-dedicated PET scan)
Radiology: CT	S8092	Electron beam computed tomography (also known as ultrafast CT, CINET)

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