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Cardiology and Radiology Code List

Category	CPT® Code	CPT® Code Description	Requires PA
CID	**33206**	Insertion of new or replacement of permanent pacemaker with transvenous electrode(s); atrial	Yes
CID	**33207**	Insertion of new or replacement of permanent pacemaker with transvenous electrode(s); ventricular	Yes
CID	**33208**	Insertion of new or replacement of permanent pacemaker with transvenous electrode(s); atrial and ventricular	Yes
CID	**33212**	Insertion of pacemaker pulse generator only; with existing single lead	Yes
CID	**33213**	Insertion of pacemaker pulse generator only; with existing dual leads	Yes
CID	**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)	Yes
CID	**33221**	Insertion of pacemaker pulse generator only; with existing multiple leads	Yes
CID	**33224**	Insertion of pacing electrode, cardiac venous system, for left ventricular pacing, with attachment to previously placed pacemaker or pacing cardioverter-defibrillator pulse generator (including revision of pocket, removal, insertion, and/or replacement of existing generator)	Yes
CID	**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)	Yes
CID	**33227**	Removal of permanent pacemaker pulse generator with replacement of pacemaker pulse generator; single lead system	Yes
CID	**33228**	Removal of permanent pacemaker pulse generator with replacement of pacemaker pulse generator; dual lead system	Yes
CID	**33229**	Removal of permanent pacemaker pulse generator with replacement of pacemaker pulse generator; multiple lead system	Yes
CID	**33230**	Insertion of pacing cardioverter-defibrillator pulse generator only; with existing dual leads	Yes
CID	**33231**	Insertion of pacing cardioverter-defibrillator pulse generator only; with existing multiple leads	Yes
CID	**33240**	Insertion of pacing cardioverter-defibrillator pulse generator only; with existing single lead	Yes
CID	**33249**	Insertion or replacement of permanent pacing cardioverter-defibrillator system with transvenous lead(s), single or dual chamber	Yes
CID	**33262**	Removal of pacing cardioverter-defibrillator pulse generator with replacement of pacing cardioverter-defibrillator pulse generator; single lead system	Yes
CID	**33263**	Removal of pacing cardioverter-defibrillator pulse generator with replacement of pacing cardioverter-defibrillator pulse generator; dual lead system	Yes

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CID	**33264**	Removal of pacing cardioverter-defibrillator pulse generator with replacement of pacing cardioverter-defibrillator pulse generator; multiple lead system	Yes
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. ***Excluded effective 7/1/2021***	Excluded
CID	**33275**	Transcatheter removal of permanent leadless pacemaker, right ventricular. ***Excluded effective 7/1/2021***	Excluded
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. ***Excluded effective 7/1/2021***	Excluded
MRI	**70336**	M R I T M J	Yes
CT	**70450**	C T Head Without Contrast	Yes
CT	**70460**	C T Head With Contrast	Yes
CT	**70470**	C T Head Without & With Contrast	Yes
CTA	**70471**	Computed tomographic angiography (CTA), head and neck, with contrast material(s), including noncontrast images, when performed, and image postprocessing	Yes
3DI	**70472**	Computed tomographic (CT) cerebral perfusion analysis with contrast material(s), including image postprocessing performed with concurrent CT or CT angiography of the same anatomy (List separately in addition to code for primary procedure)	Add-On code redirects to 70460, 70470, 70496, 70471
CT	**70480**	C T Orbit Without Contrast	Yes
CT	**70481**	C T Orbit With Contrast	Yes
CT	**70482**	C T Orbit Without & With Contrast	Yes
CT	**70486**	C T Maxillofacial Without Contrast	Yes
CT	**70487**	C T Maxillofacial With Contrast	Yes
CT	**70488**	C T Maxillofacial Without & With Contrast	Yes
CT	**70490**	C T Soft Tissue Neck Without Contrast	Yes
CT	**70491**	C T Soft Tissue Neck With Contrast	Yes
CT	**70492**	C T Soft Tissue Neck Without & With Contrast	Yes
CT	**70496**	C T Angiography Head	Yes
CT	**70498**	C T Angiography Neck	Yes
MRI	**70540**	M R I Orbit, Face, and/or Neck Without Contrast	Yes
MRI	**70542**	M R I Face, Orbit, and/or Neck With Contrast	Yes
MRI	**70543**	M R I Face, Orbit, and/or Neck With & Without Contrast	Yes
MRA	**70544**	Magnetic resonance angiography, head, including image postprocessing; without contrast material(s)	Yes
MRA	**70545**	Magnetic resonance angiography, head, including image postprocessing; with contrast material(s)	Yes
MRA	**70546**	Magnetic resonance angiography, head, including image postprocessing; without contrast material(s), followed by contrast material(s) and further sequences	Yes
MRA	**70547**	Magnetic resonance angiography, neck, including image postprocessing; without contrast material(s)	Yes
MRA	**70548**	Magnetic resonance angiography, neck, including image postprocessing; with contrast material(s)	Yes
MRA	**70549**	Magnetic resonance angiography, neck, including image postprocessing; without contrast material(s), followed by contrast material(s) and further sequences	Yes
MRI	**70551**	M R I Head Without Contrast	Yes

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MRI	**70552**	M R I Head With Contrast	Yes
MRI	**70553**	M R I Head With & Without Contrast	Yes
MRI	**70554**	MRI Brain, functional MRI. ***Excluded effective 7/1/2021***	Excluded
MRI	**70555**	MRI Brain, functional MRI, requiring physician. ***Excluded effective 7/1/2021***	Excluded
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, Breast, Including 3d Rendering, When Performed, Bilateral; Without Contrast, Followed By Contrast Material(S)	Yes
CT	**71275**	C T Angiography Chest Without Contrast Material, Followed by Contrast Material and Further Sections,Including Image Postprocessing	Yes
MRI	**71550**	M R I Chest Without Contrast	Yes
MRI	**71551**	M R I Chest With Contrast	Yes
MRI	**71552**	M R I Chest With & Without Contrast	Yes
MRA	**71555**	M R A Chest (Excluding Myocardium) With Or Without Contrast	Yes
CT	**72125**	C T Cervical Spine Without Contrast	Yes
CT	**72126**	C T Cervical Spine With Contrast	Yes
CT	**72127**	C T Cervical Spine Without & With Contrast	Yes
CT	**72128**	C T Thoracic Spine Without Contrast	Yes
CT	**72129**	C T Thoracic Spine With Contrast	Yes
CT	**72130**	C T Thoracic Spine Without & With Contrast	Yes
CT	**72131**	C T Lumbar Spine Without Contrast	Yes
CT	**72132**	C T Lumbar Spine With Contrast	Yes
CT	**72133**	C T Lumbar Spine Without & With Contrast	Yes
MRI	**72141**	M R I Cervical Spine Without Contrast	Yes
MRI	**72142**	M R I Cervical Spine With Contrast	Yes
MRI	**72146**	M R I Thoracic Spine Without Contrast	Yes
MRI	**72147**	M R I Thoracic Spine With Contrast	Yes
MRI	**72148**	M R I Lumbar Spine Without Contrast	Yes
MRI	**72149**	M R I Lumbar Spine With Contrast	Yes
MRI	**72156**	M R I Cervical Spine With & Without Contrast	Yes
MRI	**72157**	M R I Thoracic Spine With & Without Contrast	Yes
MRI	**72158**	M R I Lumbar Spine With & Without Contrast	Yes
MRA	**72159**	M R A Spinal Canal With Or Without Contrast	Yes
CT	**72191**	C T Angiography Pelvis	Yes
CT	**72192**	C T Pelvis Without Contrast	Yes
CT	**72193**	C T Pelvis With Contrast	Yes
CT	**72194**	C T Pelvis Without & With Contrast	Yes
MRI	**72195**	M R I Pelvis Without Contrast	Yes
MRI	**72196**	M R I Pelvis With Contrast	Yes

Category	CPT® Code	CPT® Code Description	Requires PA
MRI	**72197**	M R I Pelvis With & Without Contrast	Yes
MRA	**72198**	M R A Pelvis With Or Without Contrast	Yes
CT	**73200**	C T Upper Extremity Without Contrast	Yes
CT	**73201**	C T Upper Extremity With Contrast	Yes
CT	**73202**	C T Upper Extremity Without & With Contrast	Yes
CT	**73206**	C T Angiography Upper Extremity	Yes
MRI	**73218**	M R I Upper Extremity Without Contrast	Yes
MRI	**73219**	M R I Upper Extremity With Contrast	Yes
MRI	**73220**	M R I Upper Extremity With & Without Contrast	Yes
MRI	**73221**	M R I Upper Extremity Joint Without Contrast	Yes
MRI	**73222**	M R I Upper Extremity Joint With Contrast	Yes
MRI	**73223**	M R I Upper Extremity Joint With & Without Contrast	Yes
MRA	**73225**	M R A Upper Extremity With Or Without Contrast	Yes
CT	**73700**	C T Lower Extremity Without Contrast	Yes
CT	**73701**	C T Lower Extremity With Contrast	Yes
CT	**73702**	C T Lower Extremity Without & With Contrast	Yes
CT	**73706**	C T Angiography Lower Extremity	Yes
MRI	**73718**	M R I Lower Extremity Without Contrast	Yes
MRI	**73719**	M R I Lower Extremity With Contrast	Yes
MRI	**73720**	M R I Lower Extremity With & Without Contrast	Yes
MRI	**73721**	M R I Lower Extremity Joint Without Contrast	Yes
MRI	**73722**	M R I Lower Extremity Joint With Contrast	Yes
MRI	**73723**	M R I Lower Extremity Joint With & Without Contrast	Yes
MRA	**73725**	M R A Lower Extremity With Or Without Contrast	Yes
CT	**74150**	C T Abdomen Without Contrast	Yes
CT	**74160**	C T Abdomen With Contrast	Yes
CT	**74170**	C T Abdomen Without & With Contrast	Yes
CT	**74174**	CT angiography, abdomen and pelvis, with contrast material(s), including noncontrast images, if performed, and image postprocessing	Yes
CT	**74175**	C T Angiography Abdomen	Yes
CT	**74176**	CT Abdomen And Pelvis Without Contrast	Yes
CT	**74177**	CT Abdomen And Pelvis With Contrast	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
MRI	**74181**	M R I Abdomen Without Contrast	Yes
MRI	**74182**	M R I Abdomen With Contrast	Yes
MRI	**74183**	M R I Abdomen With & Without Contrast	Yes
MRA	**74185**	M R A Abdomen With Or Without Contrast	Yes
CT	**74261**	Computed tomographic (CT) colonography, diagnostic, including image postprocessing; without contrast material. ***Excluded effective 7/1/2021***	Excluded

Category	CPT® Code	CPT® Code Description	Requires PA
CT	**74262**	Computed tomographic (CT) colonography, diagnostic, including image postprocessing; with contrast material(s) including non-contrast images, if performed. ***Excluded effective 7/1/2021***	Excluded
CT	**74263**	Computed tomographic (CT) colonography, screening, including image postprocessing. ***Excluded effective 7/1/2021***	Excluded
MRI	**74712**	Magnetic resonance (eg, proton) imaging, fetal, including placental and maternal pelvic imaging when performed; single or first gestation	Yes
MRI	**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
CMRI	**75557**	Cardiac magnetic resonance imaging for morphology and function without contrast material	Yes
CMRI	**75559**	Cardiac magnetic resonance imaging for morphology and function without contrast material; with stress imaging	Yes
CMRI	**75561**	Cardiac magnetic resonance imaging for morphology and function without contrast material(s), followed by contrast material(s) and further sequences	Yes
CMRI	**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
CMRI	**75565**	Cardiac magnetic resonance imaging for velocity flow mapping (list separately in addition to code for primary procedure)	Approvable on Claim if Primary Approved
CCTA	**75571**	Computed tomography, heart, without contrast material, with quantitative evaluation of coronary calcium. ***Excluded effective 7/1/2021***	Excluded
CCTA	**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). ***Excluded effective 7/1/2021***	Excluded
CCTA	**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
CCTA	**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). ***Excluded effective 7/1/2021***	Excluded
CCTA	**75577**	Quantification and characterization of coronary atherosclerotic plaque to assess severity of coronary disease, derived from augmentative software analysis of the data set from a coronary computed tomographic angiography, with interpretation and report by a physician or other qualified health care professional	Yes
CT	**75635**	C T Angiography Abdominal Aorta	Yes
3DI	**76376**	3D Rendering W/O Postprocessing. ***Exluded effective 7/1/2021***	Excluded
3DI	**76377**	3D Rendering W Postprocessing. ***Excluded effective 7/1/2021***	Excluded
CT	**76380**	C T Limited Or Localized Follow-Up Study	Yes
MRI	**76390**	M R I Spectroscopy	Yes
MRI	**76391**	Magnetic resonance (eg, vibration) elastography	Yes
CT	**76497**	Unlisted computed tomography procedure	Yes
MRI	**76498**	Unlisted MRI Procedure	Yes
BMRI	**77046**	Magnetic resonance imaging, breast, without contrast material; unilateral	Yes
BMRI	**77047**	Magnetic resonance imaging, breast, without contrast material; bilateral	Yes
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
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
CT	**77078**	Computed Tomography, bone mineral density study, 1 or more sites; axial skeleton	Yes
MRI	**77084**	Magnetic resonance (eg, proton) imaging, bone marrow blood supply. ***Excluded effective 7/1/2021***	Excluded

Category	CPT® Code	CPT® Code Description	Requires PA
NUC MED	**78012**	Thyroid uptake, single or multiple quantitative measurement(s) (including stimulation, suppression, or discharge, when performed)	Yes
NUC MED	**78013**	Thyroid imaging (including vascular flow, when performed)	Yes
NUC MED	**78014**	Thyroid imaging (including vascular flow, when performed); with single or multiple uptake(s) quantitative measurement(s) (including stimulation, suppression, or discharge, when performed)	Yes
NUC MED	**78015**	Thyroid Met Imaging	Yes
NUC MED	**78016**	Thyroid Met Imaging With Additional Studies	Yes
NUC MED	**78018**	Thyroid Scan Whole Body	Yes
NUC MED	**78020**	Thyroid Carcinoma Metastases Uptake	Yes
NUC MED	**78070**	Parathyroid planar imaging (including subtraction, when performed)	Yes
NUC MED	**78071**	Parathyroid planar imaging (including subtraction, when performed); with tomographic (SPECT)	Yes
NUC MED	**78072**	Parathyroid planar imaging (including subtraction, when performed); with tomographic (SPECT), and concurrently acquired computed tomography (CT) for anatomical localization	Yes
NUC MED	**78075**	Adrenal Nuclear Imaging	Yes
NUC MED	**78102**	Bone Marrow Imaging, Limited	Yes
NUC MED	**78103**	Bone Marrow Imaging, Multiple	Yes
NUC MED	**78104**	Bone Marrow Imaging, Whole Body	Yes
NUC MED	**78185**	Spleen Imaging With & Without Vascular Flow	Yes
NUC MED	**78195**	Lymph System Imaging	Yes
NUC MED	**78201**	Liver Imaging	Yes
NUC MED	**78202**	Liver Imaging With Flow	Yes
NUC MED	**78215**	Liver & Spleen Imaging	Yes
NUC MED	**78216**	Liver & Spleen Imaging With Flow	Yes
NUC MED	**78226**	Hepatobiliary system imaging, including gallbladder when present;	Yes
NUC MED	**78227**	Hepatobiliary system imaging, including gallbladder when present; with pharmacologic intervention, including quantitative measurement(s) when performed	Yes
NUC MED	**78230**	Salivary Gland Imaging	Yes
NUC MED	**78231**	Serial Salivary Gland	Yes
NUC MED	**78232**	Salivary Gland Function Exam	Yes
NUC MED	**78258**	Esophogus Motility Study	Yes
NUC MED	**78261**	Gastric Mucosa Imaging	Yes
NUC MED	**78262**	Gastroesophageal Reflux Exam	Yes
NUC MED	**78264**	Gastric Emptying Study	Yes
NUC MED	**78265**	Gastric emptying imaging study (eg, solid, liquid, or both); with small bowel transit. ***Excluded effective 7/1/2021***	Excluded
NUC MED	**78266**	Gastric emptying imaging study (eg, solid, liquid, or both); with small bowel and colon transit, multiple days. ***Excluded effective 7/1/2021***	Excluded
NUC MED	**78278**	GI Bleeder Scan	Yes
NUC MED	**78290**	Meckels Diverticulum Imaging	Yes
NUC MED	**78291**	Leveen Shunt Patency Exam	Yes
NUC MED	**78300**	Bone Or Joint Imaging Limited	Yes
NUC MED	**78305**	Bone Or Joint Imaging Multiple	Yes

Category	CPT® Code	CPT® Code Description	Requires PA
NUC MED	**78306**	Bone Scan Whole Body	Yes
NUC MED	**78315**	Bone Scan 3 Phase Study	Yes
NUC CARD	**78414**	Non-Imaging Heart Function	Yes
NUC CARD	**78428**	Cardiac Shunt Imaging	Yes
NUC CARD	**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. ***Excluded effective 7/1/2021***	Excluded
NUC CARD	**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
NUC CARD	**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
NUC CARD	**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
NUC CARD	**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
NUC CARD	**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). ***Excluded effective 7/1/2021***	Excluded
NUC MED	**78445**	Radionuclide Venogram Non-Cardiac	Yes
NUC CARD	**78451**	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
NUC MED	**78457**	Venous Thrombosis Imaging Unilateral	redirect to CTA, MRA, vasc US
NUC MED	**78458**	Venous Thrombosis Images, Bilateral	redirect to CTA, MRA, vasc US
CPET	**78459**	Myocardial imaging, positron emission tomography (PET), metabolic evaluation study (including ventricular wall motion[s] and/or ejection fraction[s], when performed), single study. ***Excluded effective 7/1/2021***	Excluded
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

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CPET	**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). ***Excluded effective 7/1/2021***	Excluded
CPET	**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). ***Excluded effective 7/1/2021***	Excluded
NUC CARD	**78494**	Cardiac Blood Pool Imaging , SPECT	Yes
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
NUC CARD	**78499**	Unlisted Cardiovascular Procedure	Unlisted Ptocedure, redirect to a more specific CPT
NUC MED	**78579**	Pulmonary ventilation imaging (eg, aerosol or gas)	Yes
NUC MED	**78580**	Pulmonary perfusion imaging (eg, particulate)	Yes
NUC MED	**78582**	Pulmonary ventilation (eg, aerosol or gas) and perfusion imaging	Yes
NUC MED	**78597**	Quantitative differential pulmonary perfusion, including imaging when performed	Yes
NUC MED	**78598**	Quantitative differential pulmonary perfusion and ventilation (eg, aerosol or gas), including imaging when performed	Yes
NUC MED	**78600**	Brain Imaging Limited Static	Yes
NUC MED	**78601**	Brain Limited Imaging And Flow	Yes
NUC MED	**78605**	Brain Imaging Complete	Yes
NUC MED	**78606**	Brain Imaging Complete With Flow	Yes
PET	**78608**	Brain Imaging, Positron Emission Tomography (PET) Metabolic Evaluation	Yes
PET	**78609**	Brain Imaging, Positron Emission Tomography (PET) Perfusion Evaluation	Yes
NUC MED	**78610**	Brain Flow Imaging Only	Yes
NUC MED	**78630**	Cisternogram (Cerebrospinal Fluid Flow)	Yes
NUC MED	**78635**	Cerebrospinal Ventriculography	Yes
NUC MED	**78645**	CSF Shunt Evaluation	Yes
NUC MED	**78650**	C S F Leakage Detection And Localization	Yes
NUC MED	**78660**	Radiopharmaceutical Dacryocystography	Yes
NUC MED	**78700**	Kidney Imaging Morphology	Yes
NUC MED	**78701**	Kidney Imaging With Vascular Flow	Yes
NUC MED	**78707**	Kidney Imaging With Vascular Flow & Function Single Study Without Pharmacological Intervention	Yes
NUC MED	**78708**	Kidney Imaging Single Study With Pharmacological Intervention	Yes
NUC MED	**78709**	Kidney Imaging - Multiple Studies Without & With Pharmacological Intervention	Yes
NUC MED	**78725**	Kidney Function Study - Non-Imaging Radioisotopic	Yes
NUC MED	**78730**	Urinary Bladder Residual Study	Yes
NUC MED	**78740**	Ureteral Reflux Study	Yes
NUC MED	**78761**	Testicular Imaging With Vascular Flow	Yes
NUC MED	**78800**	Radiopharmaceutical localization of tumor, inflammatory process or distribution of radiopharmaceutical agent(s) (includes vascular flow and blood pool imaging, when performed); planar, single area (includes vascular flow and blood pool imaging, when performed); planar, single (includes vascular flow and blood pool imaging, when performed); planar, single	Yes

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NUC MED	**78801**	Radiopharmaceutical localization of tumor, inflammatory process or distribution of radiopharmaceutical agent(s) (includes vascular flow and blood pool imaging, when performed); planar, 2 or more areas (eg, abdomen and pelvis, head and chest), 1 or more days imaging or single area imaging over 2 or more days	Yes
NUC MED	**78802**	Radiopharmaceutical localization of tumor, inflammatory process or distribution of radiopharmaceutical agent(s) (includes vascular flow and blood pool imaging, when performed); planar, whole body, single day imaging	Yes
NUC MED	**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), single day imaging	Yes
NUC MED	**78804**	Radiopharmaceutical localization of tumor, inflammatory process or distribution of radiopharmaceutical agent(s) (includes vascular flow and blood pool imaging, when performed); planar, whole body, requiring 2 or more days imaging	Yes
PET	**78811**	PET Imaging; limited area	Yes
PET	**78812**	PET Imaging: skull base to mid-thigh	Yes
PET	**78813**	PET Imaging: whole body	Yes
PETCT	**78814**	PET With Concurrently Acquired Ct; Limited Area	Yes
PETCT	**78815**	PET With Concurrently Acquired Ct; Skull Base To Mid-Thigh	Yes
PETCT	**78816**	PET With Concurrently Acquired Ct; Whole Body	Excluded
NUC MED	**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	Yes
NUC MED	**78831**	Radiopharmaceutical localization of tumor, inflammatory process or distribution of radiopharmaceutical agent(s) (includes vascular flow and blood pool imaging, when performed); tomographic (SPECT), minimum 2 areas (eg, pelvis and knees, chest and abdomen) or separate acquisitions (eg, lung ventilation and perfusion), single day imaging, or single area or acquisition over 2 or more days	Yes
NUC MED	**78832**	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, minimum 2 areas (eg, pelvis and knees, chest and abdomen) or separate acquisitions (eg, lung ventilation and perfusion), single day imaging, or single area or acquisition over 2 or more days	Yes
ECHO	**93303**	Transthoracic echocardiography for congenital cardiac anomalies; complete	Yes (Excluded for MEDICAID)
ECHO	**93304**	Transthoracic echocardiography for congenital cardiac anomalies; follow-up or limited study	Yes
ECHO	**93306**	Echocardiography, transthoracic, real-time with image documentation (2d), includes m-mode recording, when performed, complete, with spectral doppler echocardiography, and with color flow doppler echocardiography	Yes (Excluded for MEDICAID)
ECHO	**93307**	Echocardiography, transthoracic, real-time with image documentation (2d) with or without m-mode recording; complete	Yes (Excluded for MEDICAID)
ECHO	**93308**	Echocardiography, transthoracic, real-time with image documentation (2d) with or without m-mode recording; follow-up or limited study	Yes (Excluded for MEDICAID)
ECHO	**93312**	TEE 2D;Incl Probe Placement, Imaging/Interp/Report	Yes (Excluded for MEDICAID)
ECHO	**93313**	Echocardiography, transesophageal, real-time with image documentation (2D) (with or without M-mode recording); placement of transesophageal probe only	Yes
ECHO	**93314**	Echocardiography, transesophageal, real-time with image documentation (2D) (with or without M-mode recording); image acquisition, interpretation and report only	Yes
ECHO	**93315**	Transesophageal echocardiography for congenital cardiac anomalies; including probe placement, image acquisition, interpretation and report	Yes
ECHO	**93316**	Transesophageal echocardiography for congenital cardiac anomalies; placement of transesophageal probe only	Yes

Category	CPT® Code	CPT® Code Description	Requires PA
ECHO	**93317**	Transesophageal echocardiography for congenital cardiac anomalies; image acquisition, interpretation and report only	Yes
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	Yes
ECHO	**93320**	Doppler echocardiography, pulsed wave and/or continuous wave with spectral display; complete	Approvable on Claim if Primary Approved
ECHO	**93321**	Doppler echocardiography, pulsed wave and/or continuous wave with spectral display; follow-up or limited study	Approvable on Claim if Primary Approved
ECHO	**93325**	Doppler echocardiography color flow velocity mapping	Approvable on Claim if Primary Approved
ECHO	**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	Yes (Excluded for MEDICAID)
ECHO	**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 (Excluded for MEDICAID)
XSE	**93352**	Use of echocardiographic contrast agent during stress echocardiography (list separately in addition to code for primary procedure)	Approvable on Claim if Primary Approved
ECHO	**93356**	Myocardial strain imaging using speckle tracking-derived assessment of myocardial mechanics (List separately in addition to codes for echocardiography imaging). ***Excluded effective 7/1/2021***	Excluded
DHC	**93451**	Right Heart Catheterization Including Measurement(S) Of Oxygen Saturation And Cardiac Output, When Performed	Yes
DHC	**93452**	Left heart catheterization including intraprocedural injection(s) for left ventriculography, imaging supervision and interpretation, when performed	Yes
DHC	**93453**	Combined right and left heart catheterization including intraprocedural injection(s) for left ventriculography, imaging supervision and interpretation, when performed	Yes
DHC	**93454**	Catheter placement in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for coronary angiography, imaging supervision and interpretation	Yes
DHC	**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
DHC	**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
DHC	**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
DHC	**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
DHC	**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
DHC	**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	Yes

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DHC	**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	Yes
DHC	**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
DHC	**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
DHC	**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
DHC	**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
DHC	**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
DGUS	**93985**	Duplex scan of arterial inflow and venous outflow for preoperative vessel assessment prior to creation of hemodialysis access; complete bilateral study	Yes
DGUS	**93986**	Duplex scan of arterial inflow and venous outflow for preoperative vessel assessment prior to creation of hemodialysis access; complete unilateral study	Yes
CID	**0266T**	Implantation or replacement of carotid sinus baroreflex activation device; total system (includes generator placement, unilateral or bilateral lead placement, intra-operative interrogation, programming, and repositioning, when performed)	Investigational
CID	**0408T**	Insertion or replacement of permanent cardiac contractility modulation system, including contractility evaluation when performed, and programming of sensing and therapeutic parameters; pulse generator with transvenous electrodes	Investigational
CID	**0409T**	Insertion or replacement of permanent cardiac contractility modulation system, including contractility evaluation when performed, and programming of sensing and therapeutic parameters; pulse generator only	Investigational
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])	Investigational
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	Investigational
CID	**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	Investigational
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
MR	**0610T**	Magnetic Resonance Spectroscopy, Determination And Localization Of Discogenic Pain (Cervical, Thoracic, Or	Yes
MR	**0611T**	Lumbar); Transmission Of Biomarker Data For Software Analysis	Yes
MR	**0612T**	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
CRID	**0614T**	Magnetic Resonance Spectroscopy, Determination And Localization Of Discogenic Pain (Cervical, Thoracic, Or	Yes
CT	**0633T**	Lumbar); Interpretation And Report.	Yes
CT	**0634T**	Removal And Replacement Of Substernal Implantable.	Yes
CT	**0635T**	Defibrillator Pulse Generator	Yes
CT	**0636T**	Computed Tomography, Breast, Including 3d Rendering, When Performed, Unilateral; Without Contrast Material	Yes
CT	**0637T**	Computed Tomography, Breast, Including 3d Rendering, When Performed, Unilateral; With Contrast Material(S)	Yes
CT	**0638T**	Computed Tomography, Breast, Including 3d Rendering, When Performed, Unilateral; Without Contrast, Followed By Contrast Material(S)	Yes

Category	CPT® Code	CPT® Code Description	Requires PA
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	Investigational
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)	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	Yes
CT (CTA)	**0711T**	Noninvasive arterial plaque analysis using software processing of data from non-coronary computerized tomography angiography; data preparation and transmission	Yes
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	Yes
CT (CTA)	**0713T**	Noninvasive arterial plaque analysis using software processing of data from non-coronary computerized tomography angiography; data review, interpretation and report	Yes
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
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	**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	
MRI	**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	
MRI	**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)	
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

Category	CPT® Code	CPT® Code Description	Requires PA
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
CID	**0923T**	Removal and replacement of permanent cardiac contractility modulation-defibrillation pulse generator only	Investigational
CID	**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	Investigational
MRA	**C8900**	MRA Abdomen with contrast	redirect to 74185
MRA	**C8901**	MRA Abdomen without contrast	redirect to 74185
MRA	**C8902**	MRA Abdomen with and w/o contrast	redirect to 74185
MRI	**C8903**	MRI Breast with contrast, unilateral	redirect to 77048
MRI	**C8905**	MRI Breast with and without contrast, unilateral	redirect to 77048
MRI	**C8906**	MRI Breast Bilateral with contrast	redirect to 77049
MRI	**C8908**	MRI Breast Bilateral with and without contrast	redirect to 77049
MRA	**C8909**	MRA chest with contrast (excluding myocardium)	redirect to 71555
MRA	**C8910**	MRA chest without contrast (excluding myocardium)	redirect to 71555
MRA	**C8911**	MRA chest with and without contrast (excluding myocardium)	redirect to 71555
MRA	**C8912**	MRA lower extremity with contrast	redirect to 73725
MRA	**C8913**	MRA lower extremity without contrast	redirect to 73725
MRA	**C8914**	MRA lower extremity with and without contrast	redirect to 73725
MRA	**C8918**	MRA pelvis with contrast	redirect to 72198
MRA	**C8919**	MRA pelvis without contrast	redirect to 72198
MRA	**C8920**	MRA pelvis with and without contrast	redirect to 72198
ECHO	**C8921**	Transthoracic echocardiography w/contrast for congenital cardiac anomalies; complete	worked as corresponding echo code 93303
ECHO	**C8922**	Transthoracic echocardiography w/contrast for congenital cardiac anomalies; f/u or limited study	worked as corresponding echo code 93304
ECHO	**C8923**	Transthoracic echocardiography w/contrast, real-time w/image documentation (2d), w/wo m-mode recording; complete	worked as corresponding echo code 93307
ECHO	**C8924**	Transthoracic echocardiography w/contrast, real-time w/image documentation (2d), w/wo m-mode recording; f/u or limited study	worked as corresponding echo code 93308
ECHO	**C8928**	Transthoracic echocardiography w/contrast, real-time w/image documentation (2d), w/wo m-mode recording, during rest and cardiovascular stress test, w/interpretation and report	worked as corresponding echo code 93350