

Johns Hopkins Healthcare Radiology and Cardiology Code List

Category	CPT® Code	CPT® Code Description
MRI	70336	M R I T M J
CT	70450	C T Head Without Contrast
CT	70460	C T Head With Contrast
CT	70470	C T Head Without & With Contrast
CT	70480	C T Orbit Without Contrast
CT	70481	C T Orbit With Contrast
CT	70482	C T Orbit Without & With Contrast
CT	70486	C T Maxillofacial Without Contrast
CT	70487	C T Maxillofacial With Contrast
CT	70488	C T Maxillofacial Without & With Contrast
CT	70490	C T Soft Tissue Neck Without Contrast
CT	70491	C T Soft Tissue Neck With Contrast
CT	70492	C T Soft Tissue Neck Without & With Contrast
CT	70496	C T Angiography Head
CT	70498	C T Angiography Neck
MRI	70540	M R I Orbit, Face, and/or Neck Without Contrast
MRI	70542	M R I Face, Orbit, and/or Neck With Contrast
MRI	70543	M R I Face, Orbit, and/or Neck With & Without Contrast
MRA	70544	M R A Head Without Contrast
MRA	70545	M R A Head With Contrast
MRA	70546	M R A Head With & Without Contrast
MRA	70547	M R A Neck Without Contrast
MRA	70548	M R A Neck With Contrast
MRA	70549	M R A Neck With & Without Contrast
MRI	70551	M R I Head Without Contrast
MRI	70552	M R I Head With Contrast
MRI	70553	M R I Head With & Without Contrast

Category	CPT® Code	CPT® Code Description
MRI	70554	MRI Brain, functional MRI
MRI	70555	MRI Brain, functional MRI, requiring physician
CT	71250	Computed Tomography, Thorax, Diagnostic; Without Contrast Material
CT	71260	Computed Tomography, Thorax, Diagnostic; With Contrast Material(s)
CT	71270	Computed Tomography, Thorax, Diagnostic; Without Contrast Material, Followed By Contrast Material(s) And Further Sections
CT	71275	C T Angiography Chest Without Contrast Material, Followed by Contrast Material and Further Sections,Including Image Postprocessing
MRI	71550	M R I Chest Without Contrast
MRI	71551	M R I Chest With Contrast
MRI	71552	M R I Chest With & Without Contrast
MRA	71555	M R A Chest (Excluding Myocardium) With Or Without Contrast
CT	72125	C T Cervical Spine Without Contrast
CT	72126	C T Cervical Spine With Contrast
CT	72127	C T Cervical Spine Without & With Contrast
CT	72128	C T Thoracic Spine Without Contrast
CT	72129	C T Thoracic Spine With Contrast
CT	72130	C T Thoracic Spine Without & With Contrast
CT	72131	C T Lumbar Spine Without Contrast
CT	72132	C T Lumbar Spine With Contrast
CT	72133	C T Lumbar Spine Without & With Contrast
MRI	72141	M R I Cervical Spine Without Contrast
MRI	72142	M R I Cervical Spine With Contrast
MRI	72146	M R I Thoracic Spine Without Contrast
MRI	72147	M R I Thoracic Spine With Contrast
MRI	72148	M R I Lumbar Spine Without Contrast
MRI	72149	M R I Lumbar Spine With Contrast
MRI	72156	M R I Cervical Spine With & Without Contrast
MRI	72157	M R I Thoracic Spine With & Without Contrast
MRI	72158	M R I Lumbar Spine With & Without Contrast
MRA	72159	M R A Spinal Canal With Or Without Contrast
CT	72191	C T Angiography Pelvis
CT	72192	C T Pelvis Without Contrast
CT	72193	C T Pelvis With Contrast
CT	72194	C T Pelvis Without & With Contrast
MRI	72195	M R I Pelvis Without Contrast

Category	CPT® Code	CPT® Code Description
MRI	72196	M R I Pelvis With Contrast
MRI	72197	M R I Pelvis With & Without Contrast
MRA	72198	M R A Pelvis With Or Without Contrast
CT	73200	C T Upper Extremity Without Contrast
CT	73201	C T Upper Extremity With Contrast
CT	73202	C T Upper Extremity Without & With Contrast
CT	73206	C T Angiography Upper Extremity
MRI	73218	M R I Upper Extremity Without Contrast
MRI	73219	M R I Upper Extremity With Contrast
MRI	73220	M R I Upper Extremity With & Without Contrast
MRI	73221	M R I Upper Extremity Joint Without Contrast
MRI	73222	M R I Upper Extremity Joint With Contrast
MRI	73223	M R I Upper Extremity Joint With & Without Contrast
MRA	73225	M R A Upper Extremity With Or Without Contrast
CT	73700	C T Lower Extremity Without Contrast
CT	73701	C T Lower Extremity With Contrast
CT	73702	C T Lower Extremity Without & With Contrast
CT	73706	C T Angiography Lower Extremity
MRI	73718	M R I Lower Extremity Without Contrast
MRI	73719	M R I Lower Extremity With Contrast
MRI	73720	M R I Lower Extremity With & Without Contrast
MRI	73721	M R I Lower Extremity Joint Without Contrast
MRI	73722	M R I Lower Extremity Joint With Contrast
MRI	73723	M R I Lower Extremity Joint With & Without Contrast
MRA	73725	M R A Lower Extremity With Or Without Contrast
CT	74150	C T Abdomen Without Contrast
CT	74160	C T Abdomen With Contrast
CT	74170	C T Abdomen Without & With Contrast
CT	74174	CT angiography, abdomen and pelvis, with contrast material(s), including noncontrast images, if performed, and image postprocessing
CT	74175	C T Angiography Abdomen
CT	74176	CT Abdomen And Pelvis Without Contrast
CT	74177	CT Abdomen And Pelvis With Contrast
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
MRI	74181	M R I Abdomen Without Contrast

Category	CPT® Code	CPT® Code Description
MRI	74182	M R I Abdomen With Contrast
MRI	74183	M R I Abdomen With & Without Contrast
MRA	74185	M R A Abdomen With Or Without Contrast
CT	74261	Computed tomographic (CT) colonography, diagnostic, including image postprocessing; without contrast material
CT	74262	Computed tomographic (CT) colonography, diagnostic, including image postprocessing; with contrast material(s) including non-contrast images, if performed
CT	74263	Computed tomographic (CT) colonography, screening, including image postprocessing
MRI	74712	Magnetic resonance (eg, proton) imaging, fetal, including placental and maternal pelvic imaging when performed; single or first gestation
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) 74713 is an add on code and redirects to the primary procedure 74712
CMRI	75557	Cardiac magnetic resonance imaging for morphology and function without contrast material
CMRI	75559	Cardiac magnetic resonance imaging for morphology and function without contrast material; with stress imaging
CMRI	75561	Cardiac magnetic resonance imaging for morphology and function without contrast material(s), followed by contrast material(s) and further sequences
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
CMRI	75565	Cardiac magnetic resonance imaging for velocity flow mapping (list separately in addition to code for primary procedure) 75565 is an add on code and redirects to the primary procedure 75557, 75559, 75561, 75563
CCT	75571	Computed tomography, heart, without contrast material, with quantitative evaluation of coronary calcium
CCT	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)
CCT	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)
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)
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
CTA	75635	C T Angiography Abdominal Aorta
3DI	76376	3D Rendering W/O Postprocessing
3DI	76377	3D Rendering W Postprocessing
CT	76380	C T Limited Or Localized Follow-Up Study
MRI	76390	M R I Spectroscopy
MRI	76391	Magnetic resonance (eg, vibration) elastography
CT	76497	Unlisted computed tomography procedure
MRI	76498	Unlisted MRI Procedure
MRI	77021	M R I Guidance For Needle Placement

Category	CPT® Code	CPT® Code Description
MRI	77022	Magnetic resonance guidance for, and monitoring of, parenchymal tissue ablation
BMRI	77046	Magnetic resonance imaging, breast, without contrast material; unilateral
BMRI	77047	Magnetic resonance imaging, breast, without contrast material; bilateral
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
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
CT	77078	Computed Tomography, bone mineral density study, 1 or more sites; axial skeleton
MRI	77084	Magnetic resonance (eg, proton) imaging, bone marrow blood supply
NUC MED	78012	Thyroid uptake, single or multiple quantitative measurement(s) (including stimulation, suppression, or discharge, when performed)
NUC MED	78013	Thyroid imaging (including vascular flow, when performed)
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)
NUC MED	78015	Thyroid Met Imaging
NUC MED	78016	Thyroid Met Imaging With Additional Studies
NUC MED	78018	Thyroid Scan Whole Body
NUC MED	78020	Thyroid Carcinoma Metastases Uptake 78020 is an add on code and redirects to the primary procedure 78018
NUC MED	78070	Parathyroid planar imaging (including subtraction, when performed)
NUC MED	78071	Parathyroid planar imaging (including subtraction, when performed); with tomographic (SPECT)
NUC MED	78072	Parathyroid planar imaging (including subtraction, when performed); with tomographic (SPECT), and concurrently acquired computed tomography (CT) for anatomical localization
NUC MED	78075	Adrenal Nuclear Imaging
NUC MED	78102	Bone Marrow Imaging, Limited
NUC MED	78103	Bone Marrow Imaging, Multiple
NUC MED	78104	Bone Marrow Imaging, Whole Body
NUC MED	78185	Spleen Imaging With & Without Vascular Flow
NUC MED	78195	Lymph System Imaging
NUC MED	78201	Liver Imaging
NUC MED	78202	Liver Imaging With Flow
NUC MED	78215	Liver & Spleen Imaging
NUC MED	78216	Liver & Spleen Imaging With Flow
NUC MED	78226	Hepatobiliary system imaging, including gallbladder when present;
NUC MED	78227	Hepatobiliary system imaging, including gallbladder when present; with pharmacologic intervention, including quantitative measurement(s) when performed
NUC MED	78230	Salivary Gland Imaging
NUC MED	78231	Serial Salivary Gland
NUC MED	78232	Salivary Gland Function Exam

Category	CPT® Code	CPT® Code Description
NUC MED	78258	Esophagus Motility Study
NUC MED	78261	Gastric Mucosa Imaging
NUC MED	78262	Gastroesophageal Reflux Exam
NUC MED	78264	Gastric Emptying Study
NUC MED	78265	Gastric emptying imaging study (eg, solid, liquid, or both); with small bowel transit
NUC MED	78266	Gastric emptying imaging study (eg, solid, liquid, or both); with small bowel and colon transit, multiple days
NUC MED	78278	GI Bleeder Scan
NUC MED	78290	Meckels Diverticulum Imaging
NUC MED	78291	Leveen Shunt Patency Exam
NUC MED	78300	Bone Or Joint Imaging Limited
NUC MED	78305	Bone Or Joint Imaging Multiple
NUC MED	78306	Bone Scan Whole Body
NUC MED	78315	Bone Scan 3 Phase Study
NUC CARD	78414	Non-Imaging Heart Function
NUC CARD	78428	Cardiac Shunt Imaging
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)
NUC MED	78445	Radionuclide Venogram Non-Cardiac
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)
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
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)

Category	CPT® Code	CPT® Code Description
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
NUC MED	78456	Acute Venous Thrombosis Imaging
NUC MED	78457	Venous Thrombosis Imaging Unilateral
NUC MED	78458	Venous Thrombosis Images, Bilateral
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;
NUC CARD	78466	Myocardial Infarction Scan
NUC CARD	78468	Heart Infarct Image Ejection Fraction
NUC CARD	78469	Heart Infarct Image 3D SPECT
NUC CARD	78472	Cardiac Bloodpool Img, Single
NUC CARD	78473	Cardiac Bloodpool Img, Multi
NUC CARD	78481	Heart First Pass Single
NUC CARD	78483	Cardiac Blood Pool Imaging -- Multiple
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)
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)
NUC CARD	78494	Cardiac Blood Pool Imaging , SPECT
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) 78496 is an add on code and redirects to the primary procedure 78472
NUC CARD	78499	Unlisted Cardiovascular Procedure
NUC MED	78579	Pulmonary ventilation imaging (eg, aerosol or gas)
NUC MED	78580	Pulmonary perfusion imaging (eg, particulate)
NUC MED	78582	Pulmonary ventilation (eg, aerosol or gas) and perfusion imaging
NUC MED	78597	Quantitative differential pulmonary perfusion, including imaging when performed
NUC MED	78598	Quantitative differential pulmonary perfusion and ventilation (eg, aerosol or gas), including imaging when performed
NUC MED	78600	Brain Imaging Limited Static
NUC MED	78601	Brain Limited Imaging And Flow
NUC MED	78605	Brain Imaging Complete
NUC MED	78606	Brain Imaging Complete With Flow
PET	78608	Brain Imaging, Positron Emission Tomography (PET) Metabolic Evaluation
PET	78609	Brain Imaging, Positron Emission Tomography (PET) Perfusion Evaluation
NUC MED	78610	Brain Flow Imaging Only
NUC MED	78630	Cisternogram (Cerebrospinal Fluid Flow)
NUC MED	78635	Cerebrospinal Ventriculography

Category	CPT® Code	CPT® Code Description
NUC MED	78645	CSF Shunt Evaluation
NUC MED	78650	C S F Leakage Detection And Localization
NUC MED	78660	Radiopharmaceutical Dacryocystography
Unlisted	78699	Unlisted Nuclear Medicine Procedures on the Nervous System
NUC MED	78700	Kidney Imaging Morphology
NUC MED	78701	Kidney Imaging With Vascular Flow
NUC MED	78707	Kidney Imaging With Vascular Flow & Function Single Study Without Pharmacological Intervention
NUC MED	78708	Kidney Imaging Single Study With Pharmacological Intervention
NUC MED	78709	Kidney Imaging - Multiple Studies Without & With Pharmacological Intervention
NUC MED	78725	Kidney Function Study - Non-Imaging Radioisotopic
NUC MED	78730	Urinary Bladder Residual Study 78730 is an add on code and redirects to the primary procedure 78740
NUC MED	78740	Ureteral Reflux Study
NUC MED	78761	Testicular Imaging With Vascular Flow
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
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
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
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) or acquisition, single day imaging
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
PET	78811	PET Imaging; limited area
PET	78812	PET Imaging; skull base to mid-thigh
PET	78813	PET Imaging; whole body
PETCT	78814	PET With Concurrently Acquired Ct; Limited Area
PETCT	78815	PET With Concurrently Acquired Ct; Skull Base To Mid-Thigh
PETCT	78816	PET With Concurrently Acquired Ct; Whole Body
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
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

Category	CPT® Code	CPT® Code Description
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
NUC MED	78999	Unlisted procedure, diagnostic nuclear medicine-radiation therapy treatment planning
ECHO	93303	Transthoracic echocardiography for congenital cardiac anomalies; complete
ECHO	93304	Transthoracic echocardiography for congenital cardiac anomalies; follow-up or limited study
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
ECHO	93307	Echocardiography, transthoracic, real-time with image documentation (2d) with or without m-mode recording; complete
ECHO	93308	Echocardiography, transthoracic, real-time with image documentation (2d) with or without m-mode recording; follow-up or limited study
ECHO	93312	TEE 2D;Incl Probe Placement, Imaging/Interp/Report
ECHO	93313	Echocardiography, transesophageal, real-time with image documentation (2D) (with or without M-mode recording); placement of transesophageal probe only
ECHO	93314	Echocardiography, transesophageal, real-time with image documentation (2D) (with or without M-mode recording); image acquisition, interpretation and report only
ECHO	93315	Transesophageal echocardiography for congenital cardiac anomalies; including probe placement, image acquisition, interpretation and report
ECHO	93316	Transesophageal echocardiography for congenital cardiac anomalies; placement of transesophageal probe only
ECHO	93317	Transesophageal echocardiography for congenital cardiac anomalies; image acquisition, interpretation and report only
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)
ECHO	93320	Doppler echocardiography, pulsed wave and/or continuous wave with spectral display; complete. 93320 is an add on code and redirects to the primary procedure (93303, 93304, 93306, 93307 or 93308)
ECHO	93321	Doppler echocardiography, pulsed wave and/or continuous wave with spectral display; follow-up or limited study. 93321 is an add on code and redirects to the primary procedure (93303, 93304, 93306, 93307 or 93308)
ECHO	93325	Doppler echocardiography color flow velocity mapping. 93325 is an add on code and redirects to the primary procedure (93303, 93304, 93306, 93307 or 93308)
XSE	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
XSE	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
ECHO	93356	Myocardial strain imaging using speckle tracking-derived assessment of myocardial mechanics (List separately in addition to codes for echocardiography imaging)
DHC	93451	Right Heart Catheterization Including Measurement(S) Of Oxygen Saturation And Cardiac Output, When Performed
DHC	93452	Left heart catheterization including intraprocedural injection(s) for left ventriculography, imaging supervision and interpretation, when performed

Category	CPT® Code	CPT® Code Description
DHC	93453	Combined right and left heart catheterization including intraprocedural injection(s) for left ventriculography, imaging supervision and interpretation, when performed
DHC	93454	Catheter placement in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for coronary angiography, imaging supervision and interpretation
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
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
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
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
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
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
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
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
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
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
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
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
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
ECHO	0439T	Myocardial contrast perfusion echocardiography, at rest or with stress, for assessment of myocardial ischemia or viability (List separately in addition to code for primary procedure)
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® Code	CPT® Code Description
MR	0610T	Magnetic Resonance Spectroscopy, Determination And Localization Of Discogenic Pain (Cervical, Thoracic, Or Lumbar); Transmission Of Biomarker Data For Software Analysis
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
MR	0612T	Magnetic Resonance Spectroscopy, Determination And Localization Of Discogenic Pain (Cervical, Thoracic, Or Lumbar); Interpretation And Report
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. Effective 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. Effective 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. Effective 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. Effective 9/1/2021 AMA Additions
CT	0633T	Computed Tomography, Breast, Including 3d Rendering, When Performed, Unilateral; Without Contrast Material
CT	0634T	Computed Tomography, Breast, Including 3d Rendering, When Performed, Unilateral; With Contrast Material(s)
CT	0635T	Computed Tomography, Breast, Including 3d Rendering, When Performed, Unilateral; Without Contrast, Followed By Contrast Material(s)
CT	0636T	Computed Tomography, Breast, Including 3d Rendering, When Performed, Bilateral; Without Contrast Material(S)
CT	0637T	Computed Tomography, Breast, Including 3d Rendering, When Performed, Bilateral; With Contrast Material(s)
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. Effective 7/1/2021 AMA Additions
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). Effective 7/1/2021 AMA Additions
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)

Category	CPT® Code	CPT® Code Description
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)
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)
MRA	C8900	MRA Abdomen with contrast
MRA	C8901	MRA Abdomen without contrast
MRA	C8902	MRA Abdomen with and w/o contrast
MRI	C8903	MRI Breast with contrast, unilateral
MRI	C8905	MRI Breast with and without contrast, unilateral
MRI	C8906	MRI Breast Bilateral with contrast
MRI	C8908	MRI Breast Bilateral with and without contrast
MRA	C8909	MRA chest with contrast (excluding myocardium)
MRA	C8910	MRA chest without contrast (excluding myocardium)
MRA	C8911	MRA chest with and without contrast (excluding myocardium)
MRA	C8912	MRA lower extremity with contrast
MRA	C8913	MRA lower extremity without contrast
MRA	C8914	MRA lower extremity with and without contrast
MRA	C8918	MRA pelvis with contrast
MRA	C8919	MRA pelvis without contrast
MRA	C8920	MRA pelvis with and without contrast
ECHO	C8921	Transthoracic echocardiography w/contrast for congenital cardiac anomalies; complete
ECHO	C8922	Transthoracic echocardiography w/contrast for congenital cardiac anomalies; f/u or limited study
ECHO	C8923	Transthoracic echocardiography w/contrast, real-time w/image documentation (2d), w/wo m-mode recording; complete

Category	CPT® Code	CPT® Code Description
ECHO	C8924	Transthoracic echocardiography w/contrast, real-time w/image documentation (2d), w/wo m-mode recording; f/u or limited study
ECHO	C8925	Transesophageal echocardiography (TEE) with contrast, or without contrast followed by with contrast, real time with image documentation (2D) (with or without M-mode recording); including probe placement, image acquisition, interpretation and report
ECHO	C8926	Transesophageal echocardiography (TEE) with contrast, or without contrast followed by with contrast, for congenital cardiac anomalies; including probe placement, image acquisition, interpretation and report
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
ECHO	C8929	Transthoracic echocardiography with contrast, or without contrast followed by with contrast, real-time with image documentation (2d), includes m-mode recording, when performed, complete, with spectral doppler echocardiography, and with color flow doppler echocardiography
ECHO	C8930	Transthoracic echocardiography, with contrast, or without contrast followed by with contrast, 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 and report; including performance of continuous electrocardiographic monitoring, with physician supervision
MRA	C8931	MRA, with Dye, Spinal Canal
MRA	C8932	MRA, without Dye, Spinal Canal
MRA	C8933	MRA, without & with Dye, Spinal Canal
MRA	C8934	MRA, with Dye, Upper Extremity
MRA	C8935	MRA, without Dye, Upper Extr
MRA	C8936	MRA, without & with Dye, Upper Extr
MR	C9762	Cardiac Magnetic Resonance Imaging For Morphology And Function, Quantification Of Segmental Dysfunction; With Strain Imaging
MR	C9763	Cardiac Magnetic Resonance Imaging For Morphology And Function, Quantification Of Segmental Dysfunction; With Stress Imaging
MRI	C9791	Magnetic resonance imaging with inhaled hyperpolarized xenon-129 contrast agent, chest, including preparation and administration of agent
PET	G0219	PET Imaging Whole Body; Melanoma For Non-Covered Indications
PET	G0235	PET Imaging, Any Site, Not Otherwise Specified
PET	G0252	PET Imaging, Full And Partial-Ring Pet Scanners Only For Initial Diagnosis Of Breast Cancer And/Or Surgical Planning For Breast Cancer
MRI	S8037	Magnetic resonance cholangiopancreato-graphy (MRCP)
MRI	S8042	Magnetic Resonance Imaging (MRI), Low-Field
PET	S8085	Fluorine-18 Fluorodeoxyglucose (F-18 Fdg) Imaging Using Dual Head Coincidence Detection System. (Non-Dedicated Pet Scan)
CT	S8092	Electron Beam Computed Tomography (Also Known As Ultrafast CT, CINET)

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