



2020 AIM Commercial CPT Codes &

QRG

Radiology & Cardiology

Computerized Tomography (CT)	CPT	Description
Abdomen	74150	CT abdomen; w/o contrast
	74160	CT abdomen; with contrast
	74170	CT abdomen; w/o contrast followed by contrast
Chest	71250	CT thorax; w/o contrast
	71260	CT thorax; with contrast
	71270	CT thorax; w/o contrast followed by contrast
Upper Extremity	73200	CT upper extremity; w/o contrast
	73201	CT upper extremity; with contrast
	73202	CT upper extremity; w/o contrast followed by contrast
Lower Extremity	73700	CT lower extremity; w/o contrast
	73701	CT lower extremity; with contrast
	73702	CT lower extremity; w/o contrast followed by contrast
Head	70450	CT head or brain; w/o contrast
	70460	CT head or brain; with contrast
	70470	CT head or brain; w/o contrast followed by contrast
Orbit	70480	CT orbit, sella or posterior fossa; w/o contrast
	70481	CT orbit, sella or posterior fossa; with contrast
	70482	CT orbit, sella or posterior fossa; w/o contrast followed by contrast
Sinus	70486	CT maxillofacial area; w/o contrast
	70487	CT maxillofacial area; with contrast
	70488	CT maxillofacial area; w/o contrast followed by contrast
Neck	70490	CT soft tissue neck; w/o contrast
	70491	CT soft tissue neck; with contrast
	70492	CT soft tissue neck; w/o contrast followed by contrast
Pelvis	72192	CT pelvis; w/o contrast
	72193	CT pelvis; with contrast
	72194	CT pelvis w/o contrast followed by contrast
Cervical Spine	72125	CT cervical spine; w/o contrast
	72126	CT cervical spine; with contrast
	72127	CT cervical spine; w/o contrast followed by contrast
Thoracic Spine	72128	CT thoracic spine; w/o contrast
	72129	CT thoracic spine; with contrast
	72130	CT thoracic spine; w/o contrast followed by contrast
Lumbar Spine	72131	CT lumbar spine; w/o contrast
	72132	CT lumbar spine; with contrast
	72133	CT lumbar spine; w/o contrast followed by contrast
Abdomen and Pelvis	74176	CT abdomen and pelvis; w/o contrast
	74177	CT abdomen and pelvis; with contrast
	74178	CT abdomen and pelvis; w/o contrast followed by contrast
Low-dose CT Scan	G0297	Low-dose CT scan

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Computerized Tomography Angiography (CTA)	CPT	Description
Abdomen	74175	CTA Abd
Abdomen	74174	CTA Abd/Pelvis wo/w contrast
Abdominal Arteries	75635	CTA Abd aorta
Chest	71275	CTA chest
Upper Extremity	73206	CTA upper extremity
Lower Extremity	73706	CTA lower extremity
Head	70496	CTA head
Neck	70498	CTA neck
Pelvis	72191	CTA pelvis

Magnetic Resonance Imaging (MRI)	CPT	Description
Abdomen	74181	MRI abdomen; w/o contrast
	74182	MRI abdomen; with contrast
	74183	MRI abdomen; w/o contrast followed by contrast
Abdomen	76391	MAGNETIC RESONANCE ELASTOGRAPHY
Bone Marrow	77084	MRI bone marrow blood supply
Breast	77046	Magnetic resonance imaging, breast, without contrast material; unilateral
	77047	Magnetic resonance imaging, breast, without contrast material; bilateral
	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
	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
Chest	71550	MRI chest; w/o contrast
	71551	MRI chest; with contrast
	71552	MRI chest; w/o contrast followed by contrast
Cardiac	75557	MRI Cardiac for morphology and function without contrast material;
	75559	MRI Cardiac for morphology and function without contrast material; with stress imaging
	75561	MRI Cardiac for morphology and function without contrast material(s), followed by contrast material(s) and further sequences;
	75563	MRI Cardiac for morphology and function without contrast material(s), followed by contrast material(s) and further sequences; with stress imaging
Upper Extremity Non-joint	73218	MRI upper extremity, other than joint w/o contrast
	73219	MRI upper extremity, other than joint with contrast
	73220	MRI upper extremity, other than joint w/o contrast followed by contrast
Upper Extremity Any Joint	73221	MRI upper extremity, any joint w/o contrast
	73222	MRI upper extremity, any joint with contrast
	73223	MRI upper extremity, any joint w/o contrast followed by contrast
Lower Extremity	73718	MRI lower extremity, other than joint w/o contrast
	73719	MRI lower extremity, other than joint w contrast
	73720	MRI lower extremity, other than joint w/o contrast followed by contrast

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Lower Extremity	73721	MRI lower extremity, any joint w/o contrast
	73722	MRI lower extremity, any joint w contrast
	73723	MRI lower extremity, any joint w/o contrast followed by contrast
TMJ	70336	MRI temporomandibular joint(s)
Orbit	70540	MRI orbit, face and neck; w/o contrast
	70542	MRI orbit, face and neck; with contrast
	70543	MRI orbit, face and neck; w/o contrast followed by contrast
Brain	70551	MRI brain; w/o contrast
	70552	MRI brain; with contrast
	70553	MRI brain; w/o contrast followed by contrast
Pelvis	72195	MRI pelvis; w/o contrast
	72196	MRI pelvis; with contrast
	72197	MRI pelvis; w/o contrast followed by contrast
Cervical Spine	72141	MRI cervical spine; w/o contrast
	72142	MRI cervical spine; with contrast
	72156	MRI cervical spine; w/o contrast followed by contrast
Thoracic Spine	72146	MRI thoracic spine; w/o contrast
	72147	MRI thoracic spine; with contrast
	72157	MRI thoracic spine; w/o contrast followed by contrast
Lumbar Spine	72148	MRI lumbar spine; w/o contrast
	72149	MRI lumbar spine; with contrast
	72158	MRI lumbar spine; w/o contrast followed by contrast
Fetal	74712	MRI Fetal

Magnetic Resonance Angiography (MRA)	CPT	Description
Abdomen	74185	MRA abdomen; with or w/o contrast
Chest	71555	MRA chest; with or w/o contrast
Upper Extremity	73225	MRA upper extremity; with or w/o contrast
Lower Extremity	73725	MRA lower extremity; with or w/o contrast
Head	70544	MRA head; w/o contrast
	70545	MRA head; with contrast
	70546	MRA head; w/o contrast followed by contrast
Neck	70547	MRA neck; w/o contrast
	70548	MRA neck; with contrast
	70549	MRA neck; w/o contrast followed by contrast
Pelvis	72198	MRA pelvis; with or w/o contrast
Spinal Canal	72159	MRA spinal canal and contents with or w/o contrast

Magnetic Resonance Spectroscopy (MRS)	CPT	Description
	76390	MR Spectroscopy

QCT Bone Densitometry	CPT	Description
	77078	CT bone mineral density study; axial skeleton

Nuclear Cardiology	CPT	Description
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Myocardial Perfusion Imaging	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)
	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 reinjection
	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)
	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
Infarct Imaging	78466	Planar, infarct avid; qualitative or quantitative
	78468	Planar, infarct avid; with ejection fraction by first pass technique
	78469	SPECT, infarct avid; with or w/o quantification
Cardiac Blood Pool Imaging	78472	Gated equilibrium; planar, single study, wall motion plus ejection fraction
	78473	Gated equilibrium; planar, multiple studies, wall motion study plus ejection fraction
	78481	First pass tech; single study, wall motion study plus ejection fraction
	78483	First pass tech; multiple studies, wall motion study plus ejection fraction
	78494	Gated equilibrium, SPECT, at rest, wall motion study plus ejection fraction

Positron Emission Tomography (PET)	CPT	Description
Brain Imaging	78608	PET brain, metabolic evaluation
	78609	PET brain, perfusion evaluation
Myocardial Imaging	78459	PET myocardial, metabolic evaluation
	78429	MYOCRD IMG PET METAB EVAL SINGLE STUDY CNCRNT CT
	78430	MYOCRD IMG PET PRFUJ 1STD REST/STRESS CNCRNT CT
	78431	MYOCRD IMG PET PRFUJ MLT STD RST&STRS CNCRNT CT
	78432	MYOCRD IMG PET PRFUJ W/METAB DUAL RADIOTRACER
	78433	MYOCARD IMG PET PRFUJ W/METAB 2RTRACER CNCRNT CT
	78491	PET myocardial, perfusion, single study
	78492	PET myocardial, perfusion, multiple studies

PET and PET/CT Fusion	CPT	Description
	78811	PET imaging, limited
	78812	PET imaging, skull to mid-thigh
	78813	PET imaging, whole body
	78814	PET imaging with concurrent CT, limited
	78815	PET imaging with concurrent CT, skull to mid-thigh
	78816	PET imaging with concurrent CT, whole body

Screening CT Colonoscopy	CPT	Description
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	74263	Computed tomographic (CT) colonography, screening, including image post processing
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Diagnostic CT Colonography	CPT	Description
	74261	Computed tomographic (CT) colonography, diagnostic, including image post processing; without contrast material
	74262	Computed tomographic (CT) colonography, diagnostic, including image post processing; with contrast material(s) including non-contrast images, if performed

Functional MRI Brain	CPT	Description
	70554	Functional MRI brain not requiring physician administration
	70555	Functional MRI brain requiring physician administration

CT Heart for Calcium Scoring	CPT	Description
	75571	Computed tomography, heart, without contrast material, with quantitative evaluation of coronary calcium

CT Heart for Structure & Morph	CPT	Description
	75572	Computed tomography, heart, with contrast material, for evaluation of cardiac structure and morphology (including 3D image post processing, assessment of cardiac function, and evaluation of venous structures, if performed)
	75573	Computed tomography, heart, with contrast material, for evaluation of cardiac structure and morphology in the setting of congenital heart disease (including 3D image post processing, assessment of LV cardiac function, RV structure and function and evaluation of venous structures, if performed)

CTA Heart Incl Structure & Morph	CPT	Description
	75574	Computed tomographic angiography, heart, coronary arteries and bypass grafts (when present), with contrast material, including 3D image post processing (including evaluation of cardiac structure and morphology, assessment of cardiac function, and evaluation of venous structures if performed)

FRACTIONAL FLOW RESERVE	CPT	Description
	0501T	FFR from CCTA data-comprehensive
	0502T	FFR data prep
	0503T	FFR data analysis
	0504T	FFR interpretation and report

Add-on Procedures (Note: Add-On Codes do not require an authorization.)	CPT	Description
CT or MRI Grouping	76376 & 76377	3 D Reconstruction of CT or MRI images
Cardiac MRI Grouping	75565	Cardiac magnetic resonance imaging for velocity flow mapping (List separately in addition to code for primary procedure)
Cardiac Blood Pool Grouping valid with code 78472 only	78496	Cardiac blood pool imaging, gated equilibrium, single study, at rest, with right ventricular ejection fraction by first pass technique (Add-on to 78472 only)

Echocardiogram	CPT	Description
Stress Echo (SE)	93350	Transthoracic Stress Echo, complete
	93351	Transthoracic Stress Echo, complete w cont EKG
Resting Trans Echo (TTE)	93303	Transthoracic Echo cardiac anomalies
	93304	Transthoracic Echo cardiac anomalies, limited
	93306	Transthoracic Echo complete w color & spectral
	93307	Transthoracic Echo complete wo color & spectral
Transesophageal Echo (TEE)	93308	Transthoracic Echo limited
	93312	Transesophageal Echo
	93313	Transesophageal Echo probe only
	93314	Transesophageal Echo interpretation
	93315	Transesophageal Echo congenital
	93316	Transesophageal Echo congenital, probe only
	93317	Transesophageal Echo congenital interpretation

Echo Add-On Codes (Note: Add-On Codes do not require an authorization.)	CPT	Description
	93320	Doppler Echo complete
	93321	Doppler Echo limited
	93325	Doppler Echo flow velocity
	93352	Echo contrast agent (SE only)

Expanded Cardiology

RIGHT AND/OR LEFT HEART CATHETERIZATION WITH CORONARY ANGIOGRAPHY

Grouper Name	CPT Code	CPT Short Description
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RT and/or LT Heart Cath with Coronary Angiography	93456	CATH PLMT R HRT & ARTS W/NJX & ANGIO IMG S&I
RT and/or LT Heart Cath with Coronary Angiography	93457	CATH PLMT R HRT/ARTS/GRFTS W/NJX& ANGIO IMG S&I
RT and/or LT Heart Cath with Coronary Angiography	93458	CATH PLMT L HRT & ARTS W/NJX & ANGIO IMG S&I
RT and/or LT Heart Cath with Coronary Angiography	93459	CATH PLMT L HRT/ARTS/GRFTS W/NJX & ANGIO IMG S&I
RT and/or LT Heart Cath with Coronary Angiography	93460	R & L HRT CATH W/NJX HRT ART& L VENTR IMG
RT and/or LT Heart Cath with Coronary Angiography	93461	R& L HRT CATH W/INJEC HRT ART/GRFT& L VENT I

NON-INVASIVE DIAGNOSTIC VASCULAR STUDIES

Group Name	CPT Code	CPT Short Description
Duplex Scan Aorta, IVC & Iliac Vessels	93978	DUP-SCAN AORTA IVC ILIAC VASCL/BPGS COMPLETE
Duplex Scan Aorta, IVC & Iliac Vessels	93979	DUP-SCAN AORTA IVC ILIAC VASCL/BPGS UNI/LMTD
Duplex Scan Extracranial Arteries	93880	DUPLEX SCAN EXTRACRANIAL ART COMPL BI STUDY
Duplex Scan Extracranial Arteries	93882	DUPLEX SCAN EXTRACRANIAL ART UNI/LMTD STUDY
NIV Physiologic Studies Extremity Arteries	93922	NON-INVAS PHYSIOLOGIC STD EXTREMITY ART 2 LEVEL
NIV Physiologic Studies Extremity Arteries	93923	NON-INVASIVE PHYSIOLOGIC STUDY EXTREMITY 3 LEVELS
NIV Physiologic Studies Extremity Arteries	93924	N-INVAS PHYSIOLOGIC STD LXTR ART COMPL BI

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Duplex Scan Lower Extremity Arteries	93925	DUP-SCAN LXTR ART/ARTL BPGS COMPL BI STUDY
Duplex Scan Lower Extremity Arteries	93926	DUP-SCAN LXTR ART/ARTL BPGS UNI/LMTD STUDY
Duplex Scan Upper Extremity Arteries	93930	DUP-SCAN UXTR ART/ARTL BPGS COMPL BI STUDY
Duplex Scan Upper Extremity Arteries	93931	DUP-SCAN UXTR ART/ARTL BPGS UNI/LMTD STUDY

PERCUTANEOUS CORONARY INTERVENTION (PCI)

Group Name	CPT Code	CPT Description
Percutaneous Coronary Intervention (PCI)	92920	PRQ CARDIAC ANGIOPLAST 1 ART
Percutaneous Coronary Intervention (PCI)	92924	PRQ CARD ANGIO/ATHRECT 1 ART
Percutaneous Coronary Intervention (PCI)	92928	PRQ CARD STENT W/ANGIO 1 VSL
Percutaneous Coronary Intervention (PCI)	92933	PRQ CARD STENT/ATH/ANGIO
Percutaneous Coronary Intervention (PCI)	92937	PRQ REVASC BYP GRAFT 1 VSL
Percutaneous Coronary Intervention (PCI)	92943	PRQ CARD REVASC CHRONIC 1VSL

CORONARY ANGIOGRAPHY

Coronary Angiography	CPT Code	CPT Short Description
Coronary Angiography	93454	CATH PLACEMENT & NJX CORONARY ART ANGIO IMG S&I
Coronary Angiography	93455	CATH PLMT & NJX CORONARY ART/GRFT ANGIO IMG S&I

