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Medical Policy

AIM High Technology Radiology Management Program CPT and HCPCS Codes

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Related Policies

- **Medicare Advantage: High-Technology Radiology and Sleep Disorder Management Clinical and Utilization Guidance Redirect, #923**
- Oncologic Imaging, #960
- Non-oncologic Imaging of the Abdomen and Pelvis, #961
- Non-oncologic Imaging of the Brain, #962
- Non-oncologic Imaging of the Chest, #963
- Non-oncologic Imaging of the Extremities, #964
- Non-oncologic Imaging of the Head and Neck, #965
- Non-oncologic Imaging of the Spine, #966
- Non-Oncologic Vascular Imaging, #967

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Commercial Products

The following CPT and HCPCS codes are in-scope under the AIM High Technology Radiology Management Program for Commercial Managed Care (HMO and POS) and Commercial PPO and EPO. For medical necessity criteria, see [AIM Clinical Appropriateness Guidelines for Radiology](#).

Medicare Advantage Products

The following CPT and HCPCS codes are in-scope under the AIM High Technology Radiology Management Program for Medicare HMO and PPO. For medical necessity criteria, see [AIM Clinical Appropriateness Guidelines for Radiology](#).

Table 1. Non-Oncologic Imaging of the Abdomen and Pelvis CPT and HCPCS Codes

The following codes may be applicable to abdominal and pelvic imaging and may not be all-inclusive.

CPT codes	Code Description
72192	CT pelvis without contrast
72193	CT pelvis with contrast
72194	CT pelvis without contrast, followed by re-imaging with contrast
72195	MRI pelvis without contrast
72196	MRI pelvis with contrast
72197	MRI pelvis without contrast, followed by re-imaging with contrast
74150	CT abdomen without contrast
74160	CT abdomen with contrast
74170	CT abdomen without contrast, followed by re-imaging with contrast
74176	CT abdomen and pelvis without contrast
74177	CT abdomen and pelvis with contrast
74178	CT abdomen and pelvis without contrast in one or both body regions, followed by re-imaging with contrast
74181	MRI abdomen without contrast
74182	MRI abdomen with contrast
74183	MRI abdomen without contrast, followed by re-imaging with contrast
74261	CT colonography diagnostic, including image post-processing, without contrast
74262	CT colonography diagnostic, including image post-processing, with contrast including non-contrast images, if performed
74263	CT colonography screening, including image post-processing
74712	MRI fetal, including placental and maternal pelvic imaging when performed, single or first gestation
74713	MRI fetal, including placental and maternal pelvic imaging when performed, each additional gestation
HCPCS	Code Description
None	None

Table 2. Non-Oncologic Imaging of the Brain CPT and HCPCS Codes

The following codes may be applicable to brain imaging and may not be all-inclusive.

CPT codes	Code Description
70450	CT head/brain, without contrast
70460	CT head/brain, with contrast
70470	CT head/brain, without contrast, followed by re-imaging with contrast
70480	CT orbit, sella, or posterior fossa or outer, middle or inner ear, without contrast
70481	CT orbit, sella, or posterior fossa or outer, middle or inner ear, with contrast
70482	CT orbit, sella, or posterior fossa or outer, middle or inner ear, without contrast, followed by re-imaging with contrast
70551	MRI brain (including brain stem), without contrast
70552	MRI brain (including brain stem), with contrast
70553	MRI brain (including brain stem), without contrast, followed by re-imaging with contrast
70554	MRI brain functional, not requiring physician or psychologist administration
70555	MRI brain functional, requiring physician or psychologist administration of entire neurofunctional testing
76390	MRI spectroscopy
78608	Brain imaging PET, metabolic evaluation
78609	Brain imaging PET, perfusion evaluation

HCPCS	Code Description
None	None

Table 3. Non-Oncologic Imaging of the Chest CPT and HCPCS Codes

The following codes may be applicable to chest imaging and may not be all-inclusive.

CPT codes	Code Description
71250	Chest CT without contrast
71260	Chest CT with contrast
71270	Chest CT without contrast, followed by re-imaging with contrast
71550	MRI chest, without contrast
71551	MRI chest, with contrast
71552	MRI chest, without contrast, followed by re-imaging with contrast
77046	MRI breast without contrast material(s); unilateral
77047	MRI breast without contrast material(s); bilateral
77048	MRI breast without and with contrast with CAD; unilateral
77049	MRI breast without and with contrast with CAD; bilateral
78811	PET imaging, limited area
78812	PET imaging, skull to mid-thigh
78813	PET imaging, whole body
78814	PET imaging, with concurrently acquired CT for attenuation correction and anatomic localization; limited area
78815	PET imaging, with concurrently acquired CT for attenuation correction and anatomic localization; skull base to mid-thigh
78816	PET imaging, with concurrently acquired CT for attenuation correction and anatomic localization; whole body
HCPCS	Code Description
G0297	Low-dose CT scan (LDCT) for lung cancer screening

Table 4. Non-Oncologic Imaging of the Extremities CPT and HCPCS Codes

The following codes may be applicable to extremity imaging and may not be all inclusive.

CPT codes	Code Description
73200	CT upper extremity, without contrast
73201	CT upper extremity, with contrast
73202	CT upper extremity, without contrast, followed by re-imaging with contrast
73218	MRI upper extremity non-joint, without contrast
73219	MRI upper extremity non-joint, with contrast
73220	MRI upper extremity non-joint, without contrast, followed by re-imaging with contrast
73221	MRI upper extremity any joint, without contrast
73222	MRI upper extremity any joint, with contrast
73223	MRI upper extremity any joint, without contrast, followed by re-imaging with contrast
73700	CT lower extremity, without contrast
73701	CT lower extremity, with contrast
73702	CT lower extremity, without contrast, followed by re-imaging with contrast
73718	MRI lower extremity non-joint, without contrast
73719	MRI lower extremity non-joint, with contrast
73720	MRI lower extremity non-joint, without contrast, followed by re-imaging with contrast
73721	MRI lower extremity any joint, without contrast
73722	MRI lower extremity any joint, with contrast
73723	MRI lower extremity any joint, without contrast, followed by re-imaging with contrast
78811	PET imaging, limited area
78812	PET imaging, skull to mid-thigh
78813	PET imaging, whole body
78814	PET imaging, with concurrently acquired CT for attenuation correction and anatomic localization; limited area

78815	PET imaging, with concurrently acquired CT for attenuation correction and anatomic localization; skull base to mid-thigh
78816	PET imaging, with concurrently acquired CT for attenuation correction and anatomic localization; whole body
HCPCS	Code Description
None	None

Table 5. Non-Oncologic Imaging of the Head and Neck CPT and HCPCS Codes

The following codes may be applicable to the head and neck imaging and may not be all inclusive.

CPT codes	Code Description
70336	MRI of the temporomandibular joint(s)
70450	CT head/brain, without contrast
70460	CT head/brain, with contrast
70470	CT head/brain, without contrast, followed by re-imaging with contrast
70480	CT of orbit, sella, or posterior fossa or outer, middle or inner ear, without contrast
70481	CT of orbit, sella, or posterior fossa or outer, middle or inner ear, with contrast
70482	CT of orbit, sella, or posterior fossa or outer, middle or inner ear, without contrast, followed by re-imaging with contrast
70486	CT of maxillofacial area, without contrast
70487	CT of maxillofacial area, with contrast
70488	CT of maxillofacial area, without contrast, followed by re-imaging with contrast
70490	CT, soft tissue neck, without contrast
70491	CT, soft tissue neck, with contrast
70492	CT, soft tissue neck, without contrast, followed by re-imaging with contrast
70540	MRI orbit, face and neck, without contrast
70542	MRI orbit, face and neck, with contrast
70543	MRI orbit, face and neck, without contrast, followed by re-imaging with contrast
70551	MRI brain (including brain stem), without contrast
70552	MRI brain (including brain stem), with contrast
70553	MRI brain (including brain stem), without contrast, followed by re-imaging with contrast
HCPCS	Code Description
None	None

Table 6. Non-Oncologic Imaging of the Spine CPT and HCPCS Codes

The following codes may be applicable to the spine imaging and may not be all-inclusive.

CPT codes	Code Description
72125	CT cervical spine, without contrast
72126	CT cervical spine, with contrast
72127	CT cervical spine, without contrast, followed by reimaging with contrast
72128	CT thoracic spine, without contrast
72129	CT thoracic spine, with contrast
72130	CT thoracic spine, without contrast, followed by reimaging with contrast
72131	CT lumbar spine, without contrast
72132	CT lumbar spine, with contrast
72133	CT lumbar spine, without contrast, followed by reimaging with contrast
72141	MRI cervical spine, without contrast
72142	MRI cervical spine, with contrast
72146	MRI thoracic spine, without contrast
72147	MRI thoracic spine, with contrast
72148	MRI lumbar spine, without contrast
72149	MRI lumbar spine, with contrast
72156	MRI cervical spine, without contrast, followed by reimaging with contrast
72157	MRI thoracic spine, without contrast, followed by reimaging with contrast
72158	MRI lumbar spine, without contrast, followed by reimaging with contrast

77078	CT bone mineral density study, 1 or more sites, axial skeleton
78811	PET imaging, limited area
78812	PET imaging, skull to mid-thigh
78813	PET imaging, whole body
78814	PET imaging, with concurrently acquired CT for attenuation correction and anatomic localization; limited area
78815	PET imaging, with concurrently acquired CT for attenuation correction and anatomic localization; skull base to mid-thigh
78816	PET imaging, with concurrently acquired CT for attenuation correction and anatomic localization; whole body
HCPCS	Code Description
None	None

Table 7. Non-Oncologic Vascular Imaging CPT and HCPCS Codes

The following codes may be applicable to the vascular imaging and may not be all inclusive.

CPT codes	Code Description
70450	CT head, without contrast
70460	CT head, with contrast
70470	CT head, without contrast, followed by re-imaging with contrast
70496	CT angiography head, with contrast material(s), including noncontrast images, if performed, and image post-processing
70498	CT angiography neck, with contrast material(s), including noncontrast images, if performed, and image post-processing
70544	MR angiography head, without contrast
70545	MR angiography head, with contrast
70546	MR angiography head, without contrast, followed by re-imaging with contrast
70547	MR angiography neck, without contrast
70548	MR angiography neck, with contrast
70549	MR angiography neck, without contrast, followed by re-imaging with contrast
70551	MRI head, without contrast
70552	MRI head, with contrast
70553	MRI head, without contrast, followed by re-imaging with contrast
71250	CT chest, without contrast
71260	CT chest, with contrast
71270	CT chest without contrast, followed by re-imaging with contrast
71275	CT angiography of chest (non-coronary), with contrast material(s), including non-contrast images, if performed, and image post-processing
71550	MRI chest, without contrast
71551	MRI chest, with contrast
71552	MRI chest, without contrast, followed by re-imaging with contrast
71555	MR angiography chest (excluding the myocardium) without contrast, followed by re-imaging with contrast
72159	MR angiography spinal canal
72191	CT angiography pelvis, with contrast material(s), including non-contrast images, if performed, and image post-processing
72192	CT pelvis, without contrast
72193	CT pelvis, with contrast
72194	CT pelvis without contrast, followed by re-imaging with contrast
72195	MRI pelvis, without contrast
72196	MRI pelvis, with contrast
72197	MRI pelvis, without contrast, followed by re-imaging with contrast
72198	MR angiography pelvis; without contrast, followed by re-imaging with contrast
73206	CT angiography upper extremity, with contrast material(s), including non-contrast images, if performed, and image post-processing Vascular Imaging
73225	MR angiography upper extremity, without and with contrast

73706	CT angiography lower extremity, with contrast material(s), including noncontrast images, if performed, and image post-processing
73725	MR angiography lower extremity, without and with contrast
74150	CT abdomen, without contrast
74160	CT abdomen, with contrast
74170	CT abdomen, without contrast, followed by re-imaging with contrast
74174	CT angiography abdomen and pelvis, with contrast material(s), including noncontrast images, if performed, and image post-processing
74175	CT angiography abdomen, with contrast material(s), including non-contrast images, if performed, and image post-processing
74176	CT abdomen and pelvis, without contrast
74177	CT abdomen and pelvis, with contrast
74178	CT abdomen and pelvis, without contrast, followed by re-imaging with contrast
74181	MRI abdomen, without contrast
74182	MRI abdomen, with contrast
74183	MRI abdomen, without contrast, followed by re-imaging with contrast
74185	MR angiography abdomen; without or with contrast
75635	CT angiography abdominal aorta and bilateral iliofemoral lower extremity runoff, with contrast material(s), including non-contrast images, if performed, and image post-processing
HCPCS	Code Description
None	None

Table 8. Oncologic Imaging CPT and HCPCS Codes

Note: For oncologic imaging related to other areas of the body, see relevant tables above.

The following codes may be applicable to oncologic imaging and may not be all inclusive.

CPT codes	Code Description
70450	CT head/brain, without contrast
70460	CT head/brain, with contrast
70470	CT head/brain, without contrast, followed by re-imaging with contrast
70480	CT of orbit, sella, or posterior fossa and outer, middle or inner ear, without contrast
70481	CT of orbit, sella, or posterior fossa and outer, middle or inner ear, with contrast
70482	CT of orbit, sella, or posterior fossa and outer, middle or inner ear, without contrast, followed by re-imaging with contrast
70486	CT of maxillofacial area, without contrast
70487	CT of maxillofacial area, with contrast
70488	CT of maxillofacial area, without contrast, followed by re-imaging with contrast
70490	CT, soft tissue neck, without contrast
70491	CT, soft tissue neck, with contrast
70492	CT, soft tissue neck, without contrast, followed by re-imaging with contrast
70540	MRI orbit, face and neck, without contrast
70542	MRI orbit, face and neck, with contrast
70543	MRI orbit, face and neck, without contrast, followed by re-imaging with contrast
70551	MRI brain (including brain stem), without contrast
70552	MRI brain (including brain stem), with contrast
70553	MRI brain (including brain stem), without contrast, followed by re-imaging with contrast
70554	MRI brain functional, not requiring physician or psychologist administration
70555	MRI brain functional, requiring physician or psychologist administration of entire neurofunctional testing
71250	Chest CT without contrast
71260	Chest CT with contrast
71270	Chest CT without contrast, followed by re-imaging with contrast
71550	MRI chest, without contrast
71551	MRI chest, with contrast
71552	MRI chest, without contrast, followed by re-imaging with contrast

72125	CT cervical spine, without contrast
72126	CT cervical spine, with contrast
72127	CT cervical spine, without contrast, followed by reimaging with contrast
72128	CT thoracic spine, without contrast
72129	CT thoracic spine, with contrast
72130	CT thoracic spine, without contrast, followed by reimaging with contrast
72131	Computed tomography, lumbar spine; without contrast material
72132	Computed tomography, lumbar spine; with contrast material
72133	Computed tomography, lumbar spine; without contrast material, followed by contrast material(s) and further sections
72141	Magnetic resonance (eg, proton) imaging, spinal canal and contents, cervical; without contrast material
72142	Magnetic resonance (eg, proton) imaging, spinal canal and contents, cervical; with contrast material(s)
72146	MRI of thoracic spine, without contrast
72147	MRI of thoracic spine, with contrast
72148	Magnetic resonance (eg, proton) imaging, spinal canal and contents, lumbar; without contrast material
72149	Magnetic resonance (eg, proton) imaging, spinal canal and contents, lumbar; with contrast material(s)
72156	Magnetic resonance (eg, proton) imaging, spinal canal and contents, without contrast material, followed by contrast material(s) and further sequences; cervical
72157	MRI of thoracic spine, without contrast, followed by re-imaging with contrast
72158	Magnetic resonance (eg, proton) imaging, spinal canal and contents, without contrast material, followed by contrast material(s) and further sequences; lumbar
72192	CT pelvis without contrast
72193	CT pelvis with contrast
72194	CT pelvis without contrast, followed by re-imaging with contrast
72195	MRI pelvis without contrast
72196	MRI pelvis with contrast
72197	MRI pelvis without contrast, followed by re-imaging with contrast
73200	CT upper extremity, without contrast
73201	CT upper extremity, with contrast
73202	CT upper extremity, without contrast, followed by re-imaging with contrast
73218	MRI upper extremity non-joint, without contrast
73219	MRI upper extremity non-joint, with contrast
73220	MRI upper extremity non-joint, without contrast, followed by re-imaging with contrast
73221	MRI upper extremity any joint, without contrast
73222	MRI upper extremity any joint, with contrast
73223	MRI upper extremity any joint, without contrast, followed by re-imaging with contrast
73700	CT lower extremity, without contrast
73701	CT lower extremity, with contrast
73702	CT lower extremity, without contrast, followed by re-imaging with contrast
73718	MRI lower extremity non-joint, without contrast
73719	MRI lower extremity non-joint, with contrast
73720	MRI lower extremity non-joint, without contrast, followed by re-imaging with contrast
73721	MRI lower extremity any joint, without contrast
73722	MRI lower extremity any joint, with contrast
73723	MRI lower extremity any joint, without contrast, followed by re-imaging with contrast
74150	CT abdomen without contrast
74160	CT abdomen with contrast
74170	CT abdomen without contrast, followed by re-imaging with contrast
74176	CT abdomen and pelvis without contrast
74177	CT abdomen and pelvis with contrast

74178	CT abdomen and pelvis without contrast in one or both body regions, followed by re-imaging with contrast
74181	MRI abdomen without contrast
74182	MRI abdomen with contrast
74183	MRI abdomen without contrast, followed by re-imaging with contrast
74261	CT colonography diagnostic, including image post-processing, without contrast
74262	CT colonography diagnostic, including image post-processing, with contrast including non-contrast images, if performed
74263	CT colonography screening, including image post-processing
76390	MRI spectroscopy
77046	Magnetic resonance imaging, breast, without contrast material; unilateral
77047	Magnetic resonance imaging, breast, without contrast material; bilateral
77048	MRI breast without and with contrast with CAD; unilateral
77049	MRI breast without and with contrast with CAD; bilateral
77084	MRI, bone marrow blood supply
78608	Brain imaging PET, metabolic evaluation
78609	Brain imaging PET, perfusion evaluation
78811	PET imaging, limited area
78812	PET imaging, skull to mid-thigh
78813	PET imaging, whole body
78814	PET imaging, with concurrently acquired CT for attenuation correction and anatomic localization; limited area
78815	PET imaging, with concurrently acquired CT for attenuation correction and anatomic localization; skull base to midthigh
78816	PET imaging, with concurrently acquired CT for attenuation correction and anatomic localization; whole body
HCPCS	Code Description
G0297	Low-dose CT scan (LDCT) for lung cancer screening

Policy History

3/2019	New document #900 issued. Effective 3/1/2019.
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