

**Radiology\_Cardiology**  
**Ultrasound\_Cardiac Catheter**  
**Substitution Rules**  
**2026**

PRECERTIFICATION GIVEN WITH THIS CPT CODE			CLAIM SUBMITTED WITH THIS CPT CODE WILL BE ALLOWED		
Code		Code Description	Code		Code Description
70450		Computed tomography, head or brain; without contrast material	70460		Computed tomography, head or brain; with contrast material(s)
70450		Computed tomography, head or brain; without contrast material	70470		Computed tomography, head or brain; without contrast material, followed by contrast material(s) and further sections
70450		Computerized axial tomography, head or brain; without contrast material	76380		Computerized tomography, limited or localized follow-up study
70460		Computerized axial tomography, head or brain; with contrast material(s)	70450		Computerized axial tomography, head or brain; without contrast material
70460		Computed tomography, head or brain; with contrast material(s)	70470		Computed tomography, head or brain; without contrast material, followed by contrast material(s) and further sections
70460		Computerized axial tomography, head or brain; with contrast material(s)	76380		Computerized tomography, limited or localized follow-up study
70470		Computerized axial tomography, head or brain; without contrast material, followed by contrast material(s) and further sections	70450		Computerized axial tomography, head or brain; without contrast material
70470		Computerized axial tomography, head or brain; without contrast material, followed by contrast material(s) and further sections	70460		Computerized axial tomography, head or brain; with contrast material(s)
70470		Computerized axial tomography, head or brain; without contrast material, followed by contrast material(s) and further sections	76380		Computerized tomography, limited or localized follow-up study
70480		Computed tomography, orbit, sella, or posterior fossa or outer, middle, or inner ear; without contrast material	70481		Computed tomography, orbit, sella, or posterior fossa or outer, middle, or inner ear; with contrast material(s)
70480		Computed tomography, orbit, sella, or posterior fossa or outer, middle, or inner ear; without contrast material	70482		Computed tomography, orbit, sella, or posterior fossa or outer, middle, or inner ear; without contrast material, followed by contrast material(s) and further sections
70480		Computerized axial tomography, orbit, sella, or posterior fossa or outer, middle or inner ear; without contrast material	76380		Computerized tomography, limited or localized follow-up study
70481		Computerized axial tomography, orbit, sella, or posterior fossa or outer, middle or inner ear; with contrast material(s)	70480		Computerized axial tomography, orbit, sella, or posterior fossa or outer, middle or inner ear; without contrast material
70481		Computed tomography, orbit, sella, or posterior fossa or outer, middle, or inner ear; with contrast material(s)	70482		Computed tomography, orbit, sella, or posterior fossa or outer, middle, or inner ear; without contrast material, followed by contrast material(s) and further sections
70481		Computerized axial tomography, orbit, sella, or posterior fossa or outer, middle or inner ear; with contrast material(s)	76380		Computerized tomography, limited or localized follow-up study
70482		Computerized axial tomography, orbit, sella, or posterior fossa or outer, middle or inner ear; without contrast material, followed by contrast material(s) and further sections	70480		Computerized axial tomography, orbit, sella, or posterior fossa or outer, middle or inner ear; without contrast material
70482		Computerized axial tomography, orbit, sella, or posterior fossa or outer, middle or inner ear; without contrast material, followed by contrast material(s) and further sections	70481		Computerized axial tomography, orbit, sella, or posterior fossa or outer, middle or inner ear; with contrast material(s)
70482		Computerized axial tomography, orbit, sella, or posterior fossa or outer, middle or inner ear; without contrast material, followed by contrast material(s) and further sections	76380		Computerized tomography, limited or localized follow-up study
70486		Computed tomography, maxillofacial area; without contrast material	70487		Computed tomography, maxillofacial area; with contrast material(s)
70486		Computed tomography, maxillofacial area; without contrast material	70488		Computed tomography, maxillofacial area; without contrast material, followed by contrast material(s) and further sections

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70486		Computerized axial tomography, maxillofacial area; without contrast material	76380		Computerized tomography, limited or localized follow-up study
70487		Computerized axial tomography, maxillofacial area; with contrast material(s)	70486		Computerized axial tomography, maxillofacial area; without contrast material
70487		Computed tomography, maxillofacial area; with contrast material(s)	70488		Computed tomography, maxillofacial area; without contrast material, followed by contrast material(s) and further sections
70487		Computerized axial tomography, maxillofacial area; with contrast material(s)	76380		Computerized tomography, limited or localized follow-up study
70488		Computerized axial tomography, maxillofacial area; without contrast material, followed by contrast material(s) and further sections	70486		Computerized axial tomography, maxillofacial area; without contrast material
70488		Computerized axial tomography, maxillofacial area; without contrast material, followed by contrast material(s) and further sections	70487		Computerized axial tomography, maxillofacial area; with contrast material(s)
70488		Computerized axial tomography, maxillofacial area; without contrast material, followed by contrast material(s) and further sections	76380		Computerized tomography, limited or localized follow-up study
70490		Computed tomography, soft tissue neck; without contrast material	70491		Computed tomography, soft tissue neck; with contrast material(s)
70490		Computed tomography, soft tissue neck; without contrast material	70492		Computed tomography, soft tissue neck; without contrast material followed by contrast material(s) and further sections
70490		Computerized axial tomography, soft tissue neck; without contrast material	76380		Computerized tomography, limited or localized follow-up study
70491		Computerized axial tomography, soft tissue neck; with contrast material(s)	70490		Computerized axial tomography, soft tissue neck; without contrast material
70491		Computed tomography, soft tissue neck; with contrast material(s)	70492		Computed tomography, soft tissue neck; without contrast material followed by contrast material(s) and further sections
70491		Computerized axial tomography, soft tissue neck; with contrast material(s)	76380		Computerized tomography, limited or localized follow-up study
70492		Computerized axial tomography, soft tissue neck; without contrast material, followed by contrast material(s) and further sections	70490		Computerized axial tomography, soft tissue neck; without contrast material
70492		Computerized axial tomography, soft tissue neck; without contrast material, followed by contrast material(s) and further sections	70491		Computerized axial tomography, soft tissue neck; with contrast material(s)
70492		Computerized axial tomography, soft tissue neck; without contrast material, followed by contrast material(s) and further sections	76380		Computerized tomography, limited or localized follow-up study
70540		Magnetic resonance (eg, proton) imaging, orbit, face, and/or neck; without contrast material(s)	70542		Magnetic resonance (eg, proton) imaging, orbit, face, and/or neck; with contrast material(s)
70540		Magnetic resonance (eg, proton) imaging, orbit, face, and/or neck; without contrast material(s)	70543		Magnetic resonance (eg, proton) imaging, orbit, face, and/or neck; without contrast material(s), followed by contrast material(s) and further sequences
70542		Magnetic resonance (e.g., proton) imaging, orbit, face, and/or neck; with contrast material(s)	70540		Magnetic resonance (e.g., proton) imaging, orbit, face, and/or neck; without contrast material(s)
70542		Magnetic resonance (eg, proton) imaging, orbit, face, and/or neck; with contrast material(s)	70543		Magnetic resonance (eg, proton) imaging, orbit, face, and/or neck; without contrast material(s), followed by contrast material(s) and further sequences
70543		Magnetic resonance (e.g., proton) imaging, orbit, face, and/or neck; without contrast material(s), followed by contrast material(s) and further sequences	70540		Magnetic resonance (e.g., proton) imaging, orbit, face, and/or neck; without contrast material(s)
70543		Magnetic resonance (e.g., proton) imaging, orbit, face, and/or neck; without contrast material(s), followed by contrast material(s) and further sequences	70542		Magnetic resonance (e.g., proton) imaging, orbit, face, and/or neck; with contrast material(s)
70544		Magnetic resonance angiography, head; without contrast material(s)	70545		Magnetic resonance angiography, head; with contrast material(s)
70544		Magnetic resonance angiography, head; without contrast material(s)	70546		Magnetic resonance angiography, head; without contrast material(s), followed by contrast material(s) and further sequences
70545		Magnetic resonance angiography, head; with contrast material(s) 2001 CPT	70544		Magnetic resonance angiography, head; without contrast material(s)
70545		Magnetic resonance angiography, head; with contrast material(s)	70546		Magnetic resonance angiography, head; without contrast material(s), followed by contrast material(s) and further sequences

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70546		Magnetic resonance angiography, head; without and with contrast material(s)	70544		Magnetic resonance angiography, head; without contrast material(s)
70546		Magnetic resonance angiography, head; without and with contrast material(s)	70545		Magnetic resonance angiography, head; with contrast material(s)
70547		Magnetic resonance angiography, neck; without contrast material(s)	70548		Magnetic resonance angiography, neck; with contrast material(s)
70547		Magnetic resonance angiography, neck; without contrast material(s)	70549		Magnetic resonance angiography, neck; without contrast material(s), followed by contrast material(s) and further sequences
70548		Magnetic resonance angiography, neck; with contrast material(s)	70547		Magnetic resonance angiography, neck; without contrast material(s)
70548		Magnetic resonance angiography, neck; with contrast material(s)	70549		Magnetic resonance angiography, neck; without contrast material(s), followed by contrast material(s) and further sequences
70549		Magnetic resonance angiography, neck; without contrast material(s), followed by contrast material(s) and further sequences	70547		Magnetic resonance angiography, neck; without contrast material(s)
70549		Magnetic resonance angiography, neck; without contrast material(s), followed by contrast material(s) and further sequences	70548		Magnetic resonance angiography, neck; with contrast material(s)
70551		Magnetic resonance (eg, proton) imaging, brain (including brain stem); without contrast material	70552		Magnetic resonance (eg, proton) imaging, brain (including brain stem); with contrast material(s)
70551		Magnetic resonance (eg, proton) imaging, brain (including brain stem); without contrast material	70553		Magnetic resonance (eg, proton) imaging, brain (including brain stem); without contrast material, followed by contrast material(s) and further sequences
70552		Magnetic resonance (e.g., proton) imaging, brain (including brain stem); with contrast material(s)	70551		Magnetic resonance (e.g., proton) imaging, brain (including brain stem); without contrast material
70552		Magnetic resonance (eg, proton) imaging, brain (including brain stem); with contrast material(s)	70553		Magnetic resonance (eg, proton) imaging, brain (including brain stem); without contrast material, followed by contrast material(s) and further sequences
70553		Magnetic resonance (e.g., proton) imaging, brain (including brain stem); without contrast material, followed by contrast materials(s) and further sequences	70551		Magnetic resonance (e.g., proton) imaging, brain (including brain stem); without contrast material
70553		Magnetic resonance (e.g., proton) imaging, brain (including brain stem); without contrast material, followed by contrast materials(s) and further sequences	70552		Magnetic resonance (e.g., proton) imaging, brain (including brain stem); with contrast material(s)
71250		Computed tomography, thorax, diagnostic; without contrast material	71260		Computed tomography, thorax, diagnostic; with contrast material(s)
71250		Computed tomography, thorax, diagnostic; without contrast material	71270		Computed tomography, thorax, diagnostic; without contrast material, followed by contrast material(s) and further sections
71250		Computed tomography, thorax, diagnostic; without contrast material	76380		Computerized tomography, limited or localized follow-up study
71260		Computed tomography, thorax, diagnostic; with contrast material(s)	71250		Computed tomography, thorax, diagnostic; without contrast material
71260		Computed tomography, thorax, diagnostic; with contrast material(s)	71270		Computed tomography, thorax, diagnostic; without contrast material, followed by contrast material(s) and further sections
71260		Computed tomography, thorax, diagnostic; with contrast material(s)	76380		Computerized tomography, limited or localized follow-up study
71270		Computed tomography, thorax, diagnostic; without contrast material, followed by contrast material(s) and further sections	71250		Computed tomography, thorax, diagnostic; without contrast material
71270		Computed tomography, thorax, diagnostic; without contrast material, followed by contrast material(s) and further sections	71260		Computed tomography, thorax, diagnostic; with contrast material(s)
71270		Computed tomography, thorax, diagnostic; without contrast material, followed by contrast material(s) and further sections	76380		Computerized tomography, limited or localized follow-up study
71550		Magnetic resonance (eg, proton) imaging, chest (eg, for evaluation of hilar and mediastinal lymphadenopathy); without contrast material(s)	71551		Magnetic resonance (eg, proton) imaging, chest (eg, for evaluation of hilar and mediastinal lymphadenopathy); with contrast material(s)

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Code		Code Description	Code		Code Description
71550		Magnetic resonance (eg, proton) imaging, chest (eg, for evaluation of hilar and mediastinal lymphadenopathy); without contrast material(s)	71552		Magnetic resonance (eg, proton) imaging, chest (eg, for evaluation of hilar and mediastinal lymphadenopathy); without contrast material(s), followed by contrast material(s) and further sequences
71551		Magnetic resonance (e.g., proton) imaging, chest (e.g., for evaluation of hilar and mediastinal lymphadenopathy); with contrast material(s)	71550		Magnetic resonance (e.g., proton) imaging, chest (e.g., for evaluation of hilar and mediastinal lymphadenopathy); without contrast material(s)
71551		Magnetic resonance (eg, proton) imaging, chest (eg, for evaluation of hilar and mediastinal lymphadenopathy); with contrast material(s)	71552		Magnetic resonance (eg, proton) imaging, chest (eg, for evaluation of hilar and mediastinal lymphadenopathy); without contrast material(s), followed by contrast material(s) and further sequences
71552		Magnetic resonance (e.g., proton) imaging, chest (e.g., for evaluation of hilar and mediastinal lymphadenopathy); without contrast material(s) followed by contrast material(s) and further sequences	71550		Magnetic resonance (e.g., proton) imaging, chest (e.g., for evaluation of hilar and mediastinal lymphadenopathy); without contrast material(s)
71552		Magnetic resonance (e.g., proton) imaging, chest (e.g., for evaluation of hilar and mediastinal lymphadenopathy); without contrast material(s) followed by contrast material(s) and further sequences	71551		Magnetic resonance (e.g., proton) imaging, chest (e.g., for evaluation of hilar and mediastinal lymphadenopathy); with contrast material(s)
71555		Magnetic resonance angiography, chest (excluding myocardium), with or without contrast material(s)	71275		Computed tomographic angiography, chest (noncoronary), without contrast material(s), followed by contrast material(s) and further sections, including image post-processing
71555		Magnetic resonance angiography, chest (excluding myocardium), with or without contrast material(s)	C8909		Magnetic resonance angiography with contrast, chest (excluding myocardium)
71555		Magnetic resonance angiography, chest (excluding myocardium), with or without contrast material(s)	C8910		Magnetic resonance angiography without contrast, chest (excluding myocardium)
71555		Magnetic resonance angiography, chest (excluding myocardium), with or without contrast material(s)	C8911		Magnetic resonance angiography without contrast followed by with contrast, chest (excluding myocardium)
72125		Computed tomography, cervical spine; without contrast material	72126		Computed tomography, cervical spine; with contrast material
72125		Computed tomography, cervical spine; without contrast material	72127		Computed tomography, cervical spine; without contrast material, followed by contrast material(s) and further sections
72125		Computerized axial tomography, cervical spine; without contrast material	76380		Computerized tomography, limited or localized follow-up study
72126		Computerized axial tomography, cervical spine; with contrast material	72125		Computerized axial tomography, cervical spine; without contrast material
72126		Computed tomography, cervical spine; with contrast material	72127		Computed tomography, cervical spine; without contrast material, followed by contrast material(s) and further sections
72126		Computerized axial tomography, cervical spine; with contrast material	76380		Computerized tomography, limited or localized follow-up study
72127		Computerized axial tomography, cervical spine; without contrast material, followed by contrast material(s) and further sections	72125		Computerized axial tomography, cervical spine; without contrast material
72127		Computerized axial tomography, cervical spine; without contrast material, followed by contrast material(s) and further sections	72126		Computerized axial tomography, cervical spine; with contrast material
72127		Computerized axial tomography, cervical spine; without contrast material, followed by contrast material(s) and further sections	76380		Computerized tomography, limited or localized follow-up study
72128		Computed tomography, thoracic spine; without contrast material	72129		Computed tomography, thoracic spine; with contrast material
72128		Computed tomography, thoracic spine; without contrast material	72130		Computed tomography, thoracic spine; without contrast material, followed by contrast material(s) and further sections
72128		Computerized axial tomography, thoracic spine; without contrast material	76380		Computerized tomography, limited or localized follow-up study
72129		Computerized axial tomography, thoracic spine; with contrast material	72128		Computerized axial tomography, thoracic spine; without contrast material
72129		Computed tomography, thoracic spine; with contrast material	72130		Computed tomography, thoracic spine; without contrast material, followed by contrast material(s) and further sections
72129		Computerized axial tomography, thoracic spine; with contrast material	76380		Computerized tomography, limited or localized follow-up study

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Code		Code Description	Code		Code Description
72130		Computerized axial tomography, thoracic spine; without contrast material, followed by contrast material(s) and further sections	72128		Computerized axial tomography, thoracic spine; without contrast material
72130		Computerized axial tomography, thoracic spine; without contrast material, followed by contrast material(s) and further sections	72129		Computerized axial tomography, thoracic spine; with contrast material
72130		Computerized axial tomography, thoracic spine; without contrast material, followed by contrast material(s) and further sections	76380		Computerized tomography, limited or localized follow-up study
72131		Computed tomography, lumbar spine; without contrast material	72132		Computed tomography, lumbar spine; with contrast material
72131		Computed tomography, lumbar spine; without contrast material	72133		Computed tomography, lumbar spine; without contrast material, followed by contrast material(s) and further sections
72131		Computerized axial tomography, lumbar spine; without contrast material	76380		Computerized tomography, limited or localized follow-up study
72132		Computerized axial tomography, lumbar spine; with contrast material	72131		Computerized axial 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
72132		Computerized axial tomography, lumbar spine; with contrast material	76380		Computerized tomography, limited or localized follow-up study
72133		Computerized axial tomography, lumbar spine; without contrast material, followed by contrast material(s) and further sections	72131		Computerized axial tomography, lumbar spine; without contrast material
72133		Computerized axial tomography, lumbar spine; without contrast material, followed by contrast material(s) and further sections	72132		Computerized axial tomography, lumbar spine; with contrast material
72133		Computerized axial tomography, lumbar spine; without contrast material, followed by contrast material(s) and further sections	76380		Computerized tomography, limited or localized follow-up study
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)
72141		Magnetic resonance (eg, proton) imaging, spinal canal and contents, cervical; without contrast material	72156		Magnetic resonance (eg, proton) imaging, spinal canal and contents, without contrast material, followed by contrast material(s) and further sequences; cervical
72142		Magnetic resonance (e.g., proton) imaging, spinal canal and contents, cervical; with contrast material(s)	72141		Magnetic resonance (e.g., 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)	72156		Magnetic resonance (eg, proton) imaging, spinal canal and contents, without contrast material, followed by contrast material(s) and further sequences; cervical
72146		Magnetic resonance (eg, proton) imaging, spinal canal and contents, thoracic; without contrast material	72147		Magnetic resonance (eg, proton) imaging, spinal canal and contents, thoracic; with contrast material(s)
72146		Magnetic resonance (eg, proton) imaging, spinal canal and contents, thoracic; without contrast material	72157		Magnetic resonance (eg, proton) imaging, spinal canal and contents, without contrast material, followed by contrast material(s) and further sequences; thoracic
72147		Magnetic resonance (e.g., proton) imaging, spinal canal and contents, thoracic; with contrast material(s)	72146		Magnetic resonance (e.g., proton) imaging, spinal canal and contents, thoracic without contrast material(s)
72147		Magnetic resonance (eg, proton) imaging, spinal canal and contents, thoracic; with contrast material(s)	72157		Magnetic resonance (eg, proton) imaging, spinal canal and contents, without contrast material, followed by contrast material(s) and further sequences; thoracic
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)
72148		Magnetic resonance (eg, proton) imaging, spinal canal and contents, lumbar; without contrast material	72158		Magnetic resonance (eg, proton) imaging, spinal canal and contents, without contrast material, followed by contrast material(s) and further sequences; lumbar
72149		Magnetic resonance (e.g., proton) imaging, spinal canal and contents, lumbar; with contrast material(s)	72148		Magnetic resonance (e.g., 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)	72158		Magnetic resonance (eg, proton) imaging, spinal canal and contents, without contrast material, followed by contrast material(s) and further sequences; lumbar
72156		Magnetic resonance (e.g., proton) imaging, spinal canal and contents, without contrast material, followed by contrast material(s) and further sequences; cervical	72141		Magnetic resonance (e.g., proton) imaging, spinal canal and contents, cervical; without contrast material

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72156		Magnetic resonance (e.g., proton) imaging, spinal canal and contents, without contrast material, followed by contrast material(s) and further sequences; cervical	72142		Magnetic resonance (e.g., proton) imaging, spinal canal and contents, cervical; with contrast material(s)
72157		Magnetic resonance (e.g., proton) imaging, spinal canal and contents, without contrast material, followed by contrast material(s) and further sequences; thoracic	72146		Magnetic resonance (e.g., proton) imaging, spinal canal and contents, thoracic; without contrast material
72157		Magnetic resonance (e.g., proton) imaging, spinal canal and contents, without contrast material, followed by contrast material(s) and further sequences; thoracic	72147		Magnetic resonance (e.g., proton) imaging, spinal canal and contents, thoracic; with contrast material(s)
72158		Magnetic resonance (e.g., proton) imaging, spinal canal and contents, without contrast material, followed by contrast material(s) and further sequences; lumbar	72148		Magnetic resonance (e.g., proton) imaging, spinal canal and contents, lumbar; without contrast material
72158		Magnetic resonance (e.g., proton) imaging, spinal canal and contents, without contrast material, followed by contrast material(s) and further sequences; lumbar	72149		Magnetic resonance (e.g., proton) imaging, spinal canal and contents, lumbar; with contrast material(s)
72159		Magnetic Resonance angiography, spinal canal and contents, with or without contrast material	C8931		Magnetic resonance angiography with contrast, spinal canal and contents
72159		Magnetic Resonance angiography, spinal canal and contents, with or without contrast material	C8932		Magnetic resonance angiography without contrast, spinal canal and contents
72159		Magnetic Resonance angiography, spinal canal and contents, with or without contrast material	C8933		Magnetic resonance angiography without contrast followed by with contrast, spinal canal and contents
72192		Computed tomography, pelvis; without contrast material	72193		Computed tomography, pelvis; with contrast material(s)
72192		Computed tomography, pelvis; without contrast material	72194		Computed tomography, pelvis; without contrast material, followed by contrast material(s) and further sections
72192		Computerized axial tomography, pelvis; without contrast material	76380		Computerized tomography, limited or localized follow-up study
72193		Computerized axial tomography, pelvis; with contrast material(s)	72192		Computerized axial tomography, pelvis; without contrast material
72193		Computed tomography, pelvis; with contrast material(s)	72194		Computed tomography, pelvis; without contrast material, followed by contrast material(s) and further sections
72193		Computed tomography, pelvis; with contrast material(s)	74177		Computed tomography, abdomen and pelvis; with contrast material(s)
72193		Computerized axial tomography, pelvis; with contrast material(s)	76380		Computerized tomography, limited or localized follow-up study
72194		Computerized axial tomography, pelvis; without contrast material, followed by contrast material(s) and further sections	72192		Computerized axial tomography, pelvis; without contrast material
72194		Computerized axial tomography, pelvis; without contrast material, followed by contrast material(s) and further sections	72193		Computerized axial tomography, pelvis; with contrast material(s)
72194		Computerized axial tomography, pelvis; without contrast material, followed by contrast material(s) and further sections	76380		Computerized tomography, limited or localized follow-up study
72195		Magnetic resonance (eg, proton) imaging, pelvis; without contrast material(s)	72196		Magnetic resonance (eg, proton) imaging, pelvis; with contrast material(s)
72195		Magnetic resonance (eg, proton) imaging, pelvis; without contrast material(s)	72197		Magnetic resonance (eg, proton) imaging, pelvis; without contrast material(s), followed by contrast material(s) and further sequences
72196		Magnetic resonance (e.g., proton) imaging, pelvis; with contrast material(s)	72195		Magnetic resonance (e.g., proton) imaging, pelvis; without contrast material(s)
72196		Magnetic resonance (eg, proton) imaging, pelvis; with contrast material(s)	72197		Magnetic resonance (eg, proton) imaging, pelvis; without contrast material(s), followed by contrast material(s) and further sequences
72197		Magnetic resonance (e.g., proton) imaging, pelvis; without contrast material(s), followed by contrast material(s) and further sequences	72195		Magnetic resonance (e.g., proton) imaging, pelvis; without contrast material(s)
72197		Magnetic resonance (e.g., proton) imaging, pelvis; without contrast material(s), followed by contrast material(s) and further sequences	72196		Magnetic resonance (e.g., proton) imaging, pelvis; with contrast material(s)
72198		Magnetic resonance angiography, pelvis, with or without contrast material(s)	72191		Computerized tomographic angiography, pelvis, without contrast material(s), followed by contrast material(s) and further sections, including image post-processing
72198		Magnetic resonance angiography, pelvis, with or without contrast material(s)	C8918		Magnetic resonance angiography with contrast, pelvis
72198		Magnetic resonance angiography, pelvis, with or without contrast material(s)	C8919		Magnetic resonance angiography without contrast, pelvis

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Code		Code Description	Code		Code Description
72198		Magnetic resonance angiography, pelvis, with or without contrast material(s)	C8920		Magnetic resonance angiography without contrast followed by with contrast, pelvis
73200		Computed tomography, upper extremity; without contrast material	73201		Computed tomography, upper extremity; with contrast material(s)
73200		Computed tomography, upper extremity; without contrast material	73202		Computed tomography, upper extremity; without contrast material, followed by contrast material(s) and further sections
73200		Computerized axial tomography, upper extremity; without contrast material	76380		Computerized tomography, limited or localized follow-up study
73201		Computerized axial tomography, upper extremity; with contrast material(s)	73200		Computerized axial tomography, upper extremity; without contrast material
73201		Computed tomography, upper extremity; with contrast material(s)	73202		Computed tomography, upper extremity; without contrast material, followed by contrast material(s) and further sections
73201		Computerized axial tomography, upper extremity; with contrast material(s)	76380		Computerized tomography, limited or localized follow-up study
73202		Computerized axial tomography, upper extremity; without contrast material, followed by contrast material(s) and further sections	73200		Computerized axial tomography, upper extremity; without contrast material
73202		Computerized axial tomography, upper extremity; without contrast material, followed by contrast material(s) and further sections	73201		Computerized axial tomography, upper extremity; with contrast material(s)
73202		Computerized axial tomography, upper extremity; without contrast material, followed by contrast material(s) and further sections	76380		Computerized tomography, limited or localized follow-up study
73218		Magnetic resonance (eg, proton) imaging, upper extremity, other than joint; without contrast material(s)	73219		Magnetic resonance (eg, proton) imaging, upper extremity, other than joint; with contrast material(s)
73218		Magnetic resonance (eg, proton) imaging, upper extremity, other than joint; without contrast material(s)	73220		Magnetic resonance (eg, proton) imaging, upper extremity, other than joint; without contrast material(s), followed by contrast material(s) and further sequences
73218		Magnetic Resonance (eg, proton) , imaging, upper extremity other than joint; without contrast material(s)	73221		Magnetic Resonance (eg, proton) imaging upper extremity joint; without contrast material(s)
73218		Magnetic resonance (eg, proton) imaging, upper extremity, other than joint; without contrast material(s)	73222		Magnetic resonance (eg, proton) imaging, any joint of upper extremity; with contrast material(s)
73218		Magnetic resonance (eg, proton) imaging, upper extremity, other than joint; without contrast material(s)	73223		Magnetic resonance (eg, proton) imaging, any joint of upper extremity; without contrast material(s), followed by contrast material(s) and further sequences
73219		Magnetic resonance (e.g., proton) imaging, upper extremity, other than joint; with contrast material(s)	73218		Magnetic resonance (e.g., proton) imaging, upper extremity, other than joint; without contrast material(s)
73219		Magnetic resonance (eg, proton) imaging, upper extremity, other than joint; with contrast material(s)	73220		Magnetic resonance (eg, proton) imaging, upper extremity, other than joint; without contrast material(s), followed by contrast material(s) and further sequences
73219		Magnetic Resonance (eg, proton) imaging upper extremity other than joint; with contrast material(s)	73221		Magnetic Resonance (eg, proton) imaging upper extremity joint; without contrast material(s)
73219		Magnetic Resonance (eg, proton) imaging upper extremity other than joint; with contrast material(s)	73222		Magnetic Resonance (eg, proton) , imaging, upper extremity joint; with contrast material(s)
73219		Magnetic resonance (eg, proton) imaging, upper extremity, other than joint; with contrast material(s)	73223		Magnetic resonance (eg, proton) imaging, any joint of upper extremity; without contrast material(s), followed by contrast material(s) and further sequences
73220		Magnetic resonance (e.g., proton) imaging, upper extremity other than joint without contrast material(s), followed by contrast material and further sequences	73218		Magnetic resonance (e.g., proton) imaging, upper extremity, other than joint; without contrast material(s)
73220		Magnetic resonance (e.g., proton) imaging, upper extremity other than joint without contrast material(s), followed by contrast material and further sequences	73219		Magnetic resonance (e.g., proton) imaging, upper extremity, other than joint; with contrast material(s)
73220		Magnetic Resonance (eg, proton) imaging, upper extremity other than joint; without and with contrast material(s)	73221		Magnetic Resonance (eg, proton) imaging upper extremity joint; without contrast material(s)
73220		Magnetic Resonance (eg, proton) imaging, upper extremity other than joint; without and with contrast material(s)	73222		Magnetic Resonance (eg, proton) , imaging, upper extremity joint; with contrast material(s)
73220		Magnetic Resonance (eg, proton) imaging, upper extremity other than joint; without and with contrast material(s)	73223		Magnetic Resonance (eg, proton) imaging, upper extremity joint; without and with contrast material(s)
73221		Magnetic resonance (eg, proton) imaging, any joint of upper extremity; without contrast material(s)	73218		Magnetic resonance (eg, proton) imaging, upper extremity, other than joint; without contrast material(s)

PRECERTIFICATION GIVEN WITH THIS CPT CODE			CLAIM SUBMITTED WITH THIS CPT CODE WILL BE ALLOWED		
Code		Code Description	Code		Code Description
73221		Magnetic resonance (eg, proton) imaging, any joint of upper extremity; without contrast material(s)	73219		Magnetic resonance (eg, proton) imaging, upper extremity, other than joint; with contrast material(s)
73221		Magnetic resonance (eg, proton) imaging, any joint of upper extremity; without contrast material(s)	73222		Magnetic resonance (eg, proton) imaging, any joint of upper extremity; with contrast material(s)
73221		Magnetic resonance (eg, proton) imaging, any joint of upper extremity; without contrast material(s)	73223		Magnetic resonance (eg, proton) imaging, any joint of upper extremity; without contrast material(s), followed by contrast material(s) and further sequences
73222		Magnetic Resonance (eg, proton) , imaging, upper extremity joint; with contrast material(s)	73218		Magnetic Resonance (eg, proton) , imaging, upper extremity other than joint; without contrast material(s)
73222		Magnetic resonance (eg, proton) imaging, any joint of upper extremity; with contrast material(s)	73219		Magnetic resonance (eg, proton) imaging, upper extremity, other than joint; with contrast material(s)
73222		Magnetic resonance (eg, proton) imaging, any joint of upper extremity; with contrast material(s)	73220		Magnetic resonance (eg, proton) imaging, upper extremity, other than joint; without contrast material(s), followed by contrast material(s) and further sequences
73222		Magnetic resonance (e.g., proton) imaging, any joint of upper extremity; with contrast material(s)	73221		Magnetic resonance (e.g., proton) imaging, any joint of upper extremity; without contrast material(s)
73222		Magnetic resonance (eg, proton) imaging, any joint of upper extremity; with contrast material(s)	73223		Magnetic resonance (eg, proton) imaging, any joint of upper extremity; without contrast material(s), followed by contrast material(s) and further sequences
73223		Magnetic Resonance (eg, proton) imaging, upper extremity joint; without and with contrast material(s)	73218		Magnetic Resonance (eg, proton) , imaging, upper extremity other than joint; without contrast material(s)
73223		Magnetic Resonance (eg, proton) imaging, upper extremity joint; without and with contrast material(s)	73219		Magnetic Resonance (eg, proton) imaging upper extremity other than joint; with contrast material(s)
73223		Magnetic resonance (eg, proton) imaging, any joint of upper extremity; without contrast material(s), followed by contrast material(s) and further sequences	73220		Magnetic resonance (eg, proton) imaging, upper extremity, other than joint; without contrast material(s), followed by contrast material(s) and further sequences
73223		Magnetic resonance (e.g., proton) imaging, any joint of upper extremity; without contrast material(s), followed by contrast material(s) and further sequences	73221		Magnetic resonance (e.g., proton) imaging, any joint of upper extremity; without contrast material(s)
73223		Magnetic resonance (e.g., proton) imaging, any joint of upper extremity; without contrast material(s), followed by contrast material(s) and further sequences	73222		Magnetic resonance (e.g., proton) imaging, any joint of upper extremity; with contrast material(s)
73225		Magnetic resonance angiography, upper extremity, with or without contrast materials	C8934		Magnetic resonance angiography with contrast, upper extremity
73225		Magnetic resonance angiography, upper extremity, with or without contrast materials	C8935		Magnetic resonance angiography without contrast, upper extremity
73225		Magnetic resonance angiography, upper extremity, with or without contrast materials	C8936		Magnetic resonance angiography without contrast followed by with contrast, upper extremity
73700		Computed tomography, lower extremity; without contrast material	73701		Computed tomography, lower extremity; with contrast material(s)
73700		Computed tomography, lower extremity; without contrast material	73702		Computed tomography, lower extremity; without contrast material, followed by contrast material(s) and further sections
73700		Computerized axial tomography, lower extremity; without contrast material	76380		Computerized tomography, limited or localized follow-up study
73701		Computerized axial tomography, lower extremity; with contrast material(s)	73700		Computerized axial tomography, lower extremity; without contrast material
73701		Computed tomography, lower extremity; with contrast material(s)	73702		Computed tomography, lower extremity; without contrast material, followed by contrast material(s) and further sections
73701		Computerized axial tomography, lower extremity; with contrast material(s)	76380		Computerized tomography, limited or localized follow-up study
73702		Computerized axial tomography, lower extremity; without contrast material, followed by contrast material(s) and further sections	73700		Computerized axial tomography, lower extremity; without contrast material
73702		Computerized axial tomography, lower extremity; without contrast material, followed by contrast material(s) and further sections	73701		Computerized axial tomography, lower extremity; with contrast material(s)
73702		Computerized axial tomography, lower extremity; without contrast material, followed by contrast material(s) and further sections	76380		Computerized tomography, limited or localized follow-up study
73718		Magnetic resonance (eg, proton) imaging, lower extremity other than joint; without contrast material(s)	73719		Magnetic resonance (eg, proton) imaging, lower extremity other than joint; with contrast material(s)
73718		Magnetic resonance (eg, proton) imaging, lower extremity other than joint; without contrast material(s)	73720		Magnetic resonance (eg, proton) imaging, lower extremity other than joint; without contrast material(s), followed by contrast material(s) and further sequences



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Code		Code Description	Code		Code Description
73723		Magnetic resonance (e.g., proton) imaging, any joint of lower extremity; without contrast material(s), followed by contrast material(s) and further sequences	73722		Magnetic resonance (e.g., proton) imaging, any joint of lower extremity; with contrast material(s)
73725		Magnetic resonance angiography, lower extremity, with or without contrast material(s)	73706		Computed tomographic angiography, lower extremity, without contrast material(s), followed by contrast material(s) and further sections, including image post-processing
73725		Magnetic resonance angiography, lower extremity, with or without contrast material(s)	C8912		Magnetic resonance angiography with contrast, lower extremity
73725		Magnetic resonance angiography, lower extremity, with or without contrast material(s)	C8913		Magnetic resonance angiography without contrast, lower extremity
73725		Magnetic resonance angiography, lower extremity, with or without contrast material(s)	C8914		Magnetic resonance angiography without contrast followed by with contrast, lower extremity
74150		Computed tomography, abdomen; without contrast material	74160		Computed tomography, abdomen; with contrast material(s)
74150		Computed tomography, abdomen; without contrast material	74170		Computed tomography, abdomen; without contrast material, followed by contrast material(s) and further sections
74150		Computerized axial tomography, abdomen; without contrast material	76380		Computerized tomography, limited or localized follow-up study
74160		Computerized axial tomography, abdomen; with contrast material(s)	74150		Computerized axial tomography, abdomen; without contrast material
74160		Computed tomography, abdomen; with contrast material(s)	74170		Computed tomography, abdomen; without contrast material, followed by contrast material(s) and further sections
74160		Computerized axial tomography, abdomen; with contrast material(s)	76380		Computerized tomography, limited or localized follow-up study
74170		Computerized axial tomography, abdomen; without contrast material, followed by contrast material(s) and further sections	74150		Computerized axial tomography, abdomen; without contrast material
74170		Computerized axial tomography, abdomen; without contrast material, followed by contrast material(s) and further sections	74160		Computerized axial tomography, abdomen; with contrast material(s)
74170		Computerized axial tomography, abdomen; without contrast material, followed by contrast material(s) and further sections	76380		Computerized tomography, limited or localized follow-up study
74174		Computed tomographic angiography, abdomen and pelvis, with contrast material(s), including noncontrast images, if performed, and image postprocessing	72191		Computerized tomographic angiography, pelvis, without contrast material(s), followed by contrast material(s) and further sections, including image post-processing
74174		Computed tomographic angiography, abdomen and pelvis, with contrast material(s), including noncontrast images, if performed, and image postprocessing	74175		Computed tomographic angiography, abdomen, without contrast material(s), followed by contrast material(s) and further sections, including image post-processing
74176		Computed Tomography, Abdomen And Pelvis; Without Contrast Material	72192		Computerized axial tomography, pelvis; without contrast material
74176		Computed tomography, abdomen and pelvis; without contrast material	72193		Computed tomography, pelvis; with contrast material(s)
74176		Computed tomography, abdomen and pelvis; without contrast material	72194		Computed tomography, pelvis; without contrast material, followed by contrast material(s) and further sections
74176		Computed Tomography, Abdomen And Pelvis; Without Contrast Material	74150		Computerized axial tomography, abdomen; without contrast material
74176		Computed tomography, abdomen and pelvis; without contrast material	74160		Computed tomography, abdomen; with contrast material(s)
74176		Computed tomography, abdomen and pelvis; without contrast material	74170		Computed tomography, abdomen; without contrast material, followed by contrast material(s) and further sections
74176		Computed tomography, abdomen and pelvis; without contrast material	74177		Computed tomography, abdomen and pelvis; with contrast material(s)
74176		Computed tomography, abdomen and pelvis; without contrast material	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
74177		Computed Tomography, Abdomen And Pelvis; With Contrast Material(S)	72192		Computerized axial tomography, pelvis; without contrast material
74177		Computed Tomography, Abdomen And Pelvis; With Contrast Material(S)	72193		Computerized axial tomography, pelvis; with contrast material(s)
74177		Computed Tomography, Abdomen And Pelvis; With Contrast Material(S)	72194		Computerized axial tomography, pelvis; without contrast material, followed by contrast material(s) and further sections
74177		Computed Tomography, Abdomen And Pelvis; With Contrast Material(S)	74150		Computerized axial tomography, abdomen; without contrast material

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Code		Code Description	Code		Code Description
74177		Computed Tomography, Abdomen And Pelvis; With Contrast Material(S)	74160		Computerized axial tomography, abdomen; with contrast material(s)
74177		Computed Tomography, Abdomen And Pelvis; With Contrast Material(S)	74170		Computerized axial tomography, abdomen; without contrast material, followed by contrast material(s) and further sections
74177		Computed Tomography, Abdomen And Pelvis; With Contrast Material(S)	74176		Computed Tomography, Abdomen And Pelvis; Without Contrast Material
74177		Computed tomography, abdomen and pelvis; with contrast material(s)	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
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	72192		Computerized axial tomography, pelvis; without contrast material
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	72193		Computerized axial tomography, pelvis; with contrast material(s)
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	72194		Computerized axial tomography, pelvis; without contrast material, followed by contrast material(s) and further sections
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	74150		Computerized axial tomography, abdomen; without contrast material
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	74160		Computerized axial tomography, abdomen; with contrast material(s)
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	74170		Computerized axial tomography, abdomen; without contrast material, followed by contrast material(s) and further sections
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	74176		Computed Tomography, Abdomen And Pelvis; Without Contrast Material
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	74177		Computed Tomography, Abdomen And Pelvis; With Contrast Material(S)
74181		Magnetic resonance (eg, proton) imaging, abdomen; without contrast material(s)	74182		Magnetic resonance (eg, proton) imaging, abdomen; with contrast material(s)
74181		Magnetic resonance (eg, proton) imaging, abdomen; without contrast material(s)	74183		Magnetic resonance (eg, proton) imaging, abdomen; without contrast material(s), followed by with contrast material(s) and further sequences
74181		Magnetic resonance (eg, proton) imaging, abdomen; without contrast material(s)	S8037		Magnetic resonance cholangiopancreatography (MRCP)
74182		Magnetic resonance (eg, proton) imaging, abdomen; with contrast material(s)	74181		Magnetic resonance (eg, proton) imaging, abdomen; without contrast material(s)
74182		Magnetic resonance (eg, proton) imaging, abdomen; with contrast material(s)	74183		Magnetic resonance (eg, proton) imaging, abdomen; without contrast material(s), followed by with contrast material(s) and further sequences
74182		Magnetic resonance (eg, proton) imaging, abdomen; with contrast material(s)	S8037		Magnetic resonance cholangiopancreatography (MRCP)
74183		Magnetic resonance (eg, proton) imaging, abdomen; without contrast material(s), followed by with contrast material(s) and further sequences	74181		Magnetic resonance (eg, proton) imaging, abdomen; without contrast material(s)
74183		Magnetic resonance (eg, proton) imaging, abdomen; without contrast material(s), followed by with contrast material(s) and further sequences	74182		Magnetic resonance (eg, proton) imaging, abdomen; with contrast material(s)
74183		Magnetic resonance (eg, proton) imaging, abdomen; without contrast material(s), followed by with contrast material(s) and further sequences	S8037		Magnetic resonance cholangiopancreatography (MRCP)

PRECERTIFICATION GIVEN WITH THIS CPT CODE			CLAIM SUBMITTED WITH THIS CPT CODE WILL BE ALLOWED		
Code		Code Description	Code		Code Description
74185		Magnetic resonance angiography, abdomen, with or without contrast material(s)	74175		Computed tomographic angiography, abdomen, without contrast material(s), followed by contrast material(s) and further sections, including image post-processing
74185		Magnetic resonance angiography, abdomen, with or without contrast material(s)	C8900		Magnetic resonance angiography with contrast, abdomen
74185		Magnetic resonance angiography, abdomen, with or without contrast material(s)	C8901		Magnetic resonance angiography without contrast, abdomen
74185		Magnetic resonance angiography, abdomen, with or without contrast material(s)	C8902		Magnetic resonance angiography without contrast followed by with contrast, abdomen
74262		Computed tomographic (CT) colongraphy, diagnostic, including image postprocessing; with contrast material(s) including image postprocessing	74261		Computed tomographic (CT) colongraphy, diagnostic, including image postprocessing; without contrast material(s) including image postprocessing
75557		Cardiac magnetic resonance imaging for morphology and function without contrast material;	75559		Cardiac magnetic resonance imaging for morphology and function without contrast material; with stress imaging
75557		Cardiac magnetic resonance imaging for morphology and function without contrast material;	75561		Cardiac magnetic resonance imaging for morphology and function without contrast material(s), followed by contrast material(s) and further sequences;
75557		Cardiac magnetic resonance imaging for morphology and function without contrast material;	75563		Cardiac magnetic resonance imaging for morphology and function without contrast material(s), followed by contrast material(s) and further sequences; with stress imaging
75559		Cardiac magnetic resonance imaging for morphology and function without contrast material; with stress imaging	75557		Cardiac magnetic resonance imaging for morphology and function without contrast material
75559		Cardiac magnetic resonance imaging for morphology and function without contrast material; with stress imaging	75561		Cardiac magnetic resonance imaging for morphology and function without contrast material(s), followed by contrast material(s) and further sequences;
75559		Cardiac magnetic resonance imaging for morphology and function without contrast material; with stress imaging	75563		Cardiac magnetic resonance imaging for morphology and function without contrast material(s), followed by contrast material(s) and further sequences; with stress imaging
75561		Cardiac magnetic resonance imaging for morphology and function without contrast material, followed by contrast material and further sequences	75557		Cardiac magnetic resonance imaging for morphology and function without contrast material
75561		Cardiac magnetic resonance imaging for morphology and function without contrast material(s), followed by contrast material(s) and further sequences;	75559		Cardiac magnetic resonance imaging for morphology and function without contrast material; with stress imaging
75561		Cardiac magnetic resonance imaging for morphology and function without contrast material(s), followed by contrast material(s) and further sequences;	75563		Cardiac magnetic resonance imaging for morphology and function without contrast material(s), followed by contrast material(s) and further sequences; with stress imaging
75563		Cardiac magnetic resonance imaging for morphology and function without contrast material, followed by contrast material; with stress imaging	75557		Cardiac magnetic resonance imaging for morphology and function without contrast material
75563		Cardiac magnetic resonance imaging for morphology and function without contrast material, followed by contrast material; with stress imaging	75559		Cardiac magnetic resonance imaging for morphology and function without contrast material; with stress imaging
75563		Cardiac magnetic resonance imaging for morphology and function without contrast material, followed by contrast material; with stress imaging	75561		Cardiac magnetic resonance imaging for morphology and function without contrast material, followed by contrast material and further sequences
75573		Computed tomography, heart, with contrast material, for evaluation of cardiac structure and morphology in the setting of congenital heart disease (including 3D image postprocessing, assessment of LV cardiac function, RV structure and function and evaluation of venous structures, if performed)	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)
75635		Computed tomographic angiography, abdominal aorta and bilateral iliofemoral lower extremity runoff, with contrast material(s), including noncontrast images, if performed, and image postprocessing	74175		Computed tomographic angiography, abdomen, with contrast material(s), including noncontrast images, if performed, and image postprocessing
76376		3D rendering with interpretation and reporting, not requiring image postprocessing on an independent workstation	76377		3D rendering with interpretation and reporting, requiring image postprocessing on an independent workstation
76377		3D rendering with interpretation and reporting, requiring image postprocessing on an independent workstation	76376		3D rendering with interpretation and reporting, not requiring image postprocessing on an independent workstation
76498		Unlisted magnetic resonance procedure (eg, diagnostic, interventional)	70553		Magnetic resonance (eg, proton) imaging, brain (including brain stem); without contrast material, followed by contrast material(s) and further sequences

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Code		Code Description	Code		Code Description
76498		Unlisted magnetic resonance procedure (eg, diagnostic, interventional)	72197		Magnetic resonance (eg, proton) imaging, pelvis; without contrast material(s), followed by contrast material(s) and further sequences
77046		Magnetic resonance imaging, breast, without contrast material; unilateral	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
77046		Magnetic resonance imaging, breast, without contrast material; unilateral	C8903		Magnetic resonance imaging with contrast, breast; unilateral
77046		Magnetic resonance imaging, breast, without contrast material; unilateral	C8905		Magnetic resonance imaging without contrast followed by with contrast, breast; unilateral
77047		Magnetic resonance imaging, breast, without contrast material; bilateral	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
77047		Magnetic resonance imaging, breast, without contrast material; bilateral	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
77047		Magnetic resonance imaging, breast, without contrast material; bilateral	C8905		Magnetic resonance imaging without contrast followed by with contrast, breast; unilateral
77047		Magnetic resonance imaging, breast, without contrast material; bilateral	C8906		Magnetic resonance imaging with contrast, breast; bilateral
77047		Magnetic resonance imaging, breast, without contrast material; bilateral	C8908		Magnetic resonance imaging without contrast followed by with contrast, breast; 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	77046		Magnetic resonance imaging, breast, without contrast material; unilateral
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	C8903		Magnetic resonance imaging with contrast, breast; unilateral
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	C8905		Magnetic resonance imaging without contrast followed by with contrast, breast; 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	77046		Magnetic resonance imaging, breast, without contrast material; 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	77047		Magnetic resonance imaging, breast, without contrast material; bilateral
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	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	C8903		Magnetic resonance imaging with contrast, breast; 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	C8905		Magnetic resonance imaging without contrast followed by with contrast, breast; 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	C8906		Magnetic resonance imaging with contrast, breast; bilateral
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	C8908		Magnetic resonance imaging without contrast followed by with contrast, breast; bilateral

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Code		Code Description	Code	Code Description
78121		Red cell volume determination (separate procedure); multiple samplings	78122	Whole blood volume determination, including separate measurement of plasma volume and red cell volume (radiopharmaceutical volume-dilution technique)
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	78459	Myocardial imaging, positron emission tomography (PET), metabolic evaluation
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	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)
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	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
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	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)
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	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)
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);	78459	Myocardial imaging, positron emission tomography (PET), metabolic evaluation study (including ventricular wall motion[s] and/or ejection fraction[s], when performed), single study;
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);	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)
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 a	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
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 a	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 to
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 a	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 compute
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	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);

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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	78459		Myocardial imaging, positron emission tomography (PET), metabolic evaluation study (including ventricular wall motion[s] and/or ejection fraction[s], when performed), single study;
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	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)
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 (	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
78451		Myocardial perfusion imaging, tomographic (SPECT)	78453		Myocardial perfusion imaging, planar (including qualitative or quantitative wall motion,
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 (	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) an
78452		Myocardial perfusion imaging, tomographic (SPECT) (including attenuation correction	78451		Myocardial perfusion imaging, tomographic (SPECT)
78452		Myocardial perfusion imaging, tomographic (SPECT) (including attenuation correction	78453		Myocardial perfusion imaging, planar (including qualitative or quantitative wall motion,
78452		Myocardial perfusion imaging, tomographic (SPECT) (including attenuation correction	78454		Myocardial perfusion imaging, planar (including qualitative or quantitative wall motion
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) an
78454		Myocardial perfusion imaging, planar (including qualitative or quantitative wall motion	78451		Myocardial perfusion imaging, tomographic (SPECT)
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) an	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)
78466		Myocardial imaging, infarct avid, planar; qualitative or quantitative	78468		Myocardial imaging, infarct avid, planar; with ejection fraction by first pass technique
78466		Myocardial imaging, infarct avid, planar; qualitative or quantitative	78469		Myocardial imaging, infarct avid, planar; tomographic SPECT with or without quantification
78468		Myocardial imaging, infarct avid, planar; with ejection fraction by first pass technique	78466		Myocardial imaging, infarct avid, planar; qualitative or quantitative
78468		Myocardial imaging, infarct avid, planar; with ejection fraction by first pass technique	78469		Myocardial imaging, infarct avid, planar; tomographic SPECT with or without quantification
78469		Myocardial imaging, infarct avid, planar; tomographic SPECT with or without quantification	78466		Myocardial imaging, infarct avid, planar; qualitative or quantitative
78469		Myocardial imaging, infarct avid, planar; tomographic SPECT with or without quantification	78468		Myocardial imaging, infarct avid, planar; with ejection fraction by first pass technique
78472		Cardiac blood pool imaging, gated equilibrium; planar, single study at rest or stress (exercise and/or pharmacologic), wall motion study plus ejection fraction, with or without additional quantitative processing	78473		Cardiac blood pool imaging, gated equilibrium; multiple studies, wall motion study plus ejection fraction, at rest and stress (exercise and/or pharmacologic), with or without additional quantification
78473		Cardiac blood pool imaging, gated equilibrium; multiple studies	78472		Cardiac blood pool imaging, gated equilibrium; planar, single study at rest or stress
78481		Cardiac blood pool imaging (planar), first pass technique; single study, at rest or with stress (exercise and/or pharmacologic), wall motion study plus ejection fraction, with or without quantification	78483		Cardiac blood pool imaging (planar), first pass technique; multiple studies, at rest and with stress (exercise and/or pharmacologic), wall motion study plus ejection fraction, with or without quantification
78483		Cardiac blood pooling imaging, (planar), first pass technique	78481		Cardiac blood pooling imaging, (planar), first pass technique;

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Code		Code Description	Code		Code Description
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)	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)
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)	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)
78609		Brain imaging, positron emission tomography (PET); perfusion evaluation	78608		Brain imaging, positron emission tomography (PET); metabolic evaluation
78812		Tumor imaging, positron emission tomography (PET); skull base to mid-thigh	78811		Tumor imaging, positron emission tomography (PET); limited area (eg, chest, head/neck)
78812		Tumor imaging, positron emission tomography (PET); skull base to mid-thigh	78814		Tumor imaging, positron emission tomography (PET) with concurrently acquired computer tomography (CT) limited area (eg chest, head/neck)
78813		Tumor imaging, positron emission tomography (PET); whole body	78811		Tumor imaging, positron emission tomography (PET); limited area (eg, chest, head/neck)
78813		Tumor imaging, positron emission tomography (PET); whole body	78812		Positron emission tomography (PET) imaging; skull base to mid-thigh
78813		Tumor imaging, positron emission tomography (PET); whole body	78814		Tumor imaging, positron emission tomography (PET) with concurrently acquired computer tomography (CT) limited area (eg chest, head/neck)
78813		Tumor imaging, positron emission tomography (PET); whole body	78815		Tumor imaging, positron emission tomography (PET) with concurrently acquired computer tomography (CT) for attenuation correction and anatomical localization; skull base to mid-thigh
78813		Positron emission tomography (PET) imaging; whole body	78816		Positron emission tomography (PET) with concurrently acquired computed tomography (CT) for attenuation correction and anatomical localization imaging; whole body
78814		Tumor imaging, positron emission tomography (PET) with concurrently acquired computer tomography (CT) limited area (eg chest, head/neck)	78811		Tumor imaging, positron emission tomography (PET); limited area (eg, chest, head/neck)
78815		Tumor imaging, positron emission tomography (PET) with concurrently acquired computer tomography (CT) for attenuation correction and anatomical localization; skull base to mid-thigh	78811		Tumor imaging, positron emission tomography (PET); limited area (eg, chest, head/neck)
78815		Tumor imaging, positron emission tomography (PET) with concurrently acquired computer tomography (CT) for attenuation correction and anatomical localization; skull base to mid-thigh	78812		Tumor imaging, positron emission tomography (PET); skull base to mid-thigh
78815		Tumor imaging, positron emission tomography (PET) with concurrently acquired computer tomography (CT) for attenuation correction and anatomical localization; skull base to mid-thigh	78814		Tumor imaging, positron emission tomography (PET) with concurrently acquired computer tomography (CT) limited area (eg chest, head/neck)
78815		Positron emission tomography (PET) with concurrently acquired computed tomography (CT) for attenuation correction and anatomical localization imaging; skull base to mid-thigh	78816		Positron emission tomography (PET) with concurrently acquired computed tomography (CT) for attenuation correction and anatomical localization imaging; whole body
78816		Tumor imaging, positron emission tomography (PET) with concurrently acquired computer tomography (CT) for attenuation correction and anatomical localization; whole body	78811		Tumor imaging, positron emission tomography (PET); limited area (eg, chest, head/neck)
78816		Tumor imaging, positron emission tomography (PET) with concurrently acquired computer tomography (CT) for attenuation correction and anatomical localization; whole body	78812		Tumor imaging, positron emission tomography (PET); skull base to mid-thigh
78816		Tumor imaging, positron emission tomography (PET) with concurrently acquired computer tomography (CT) for attenuation correction and anatomical localization; whole body	78813		Tumor imaging, positron emission tomography (PET); whole body
78816		Tumor imaging, positron emission tomography (PET) with concurrently acquired computer tomography (CT) for attenuation correction and anatomical localization; whole body	78814		Tumor imaging, positron emission tomography (PET) with concurrently acquired computer tomography (CT) limited area (eg chest, head/neck)

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78816		Tumor imaging, positron emission tomography (PET) with concurrently acquired computer tomography (CT) for attenuation correction and anatomical localization; whole body	78815		Tumor imaging, positron emission tomography (PET) with concurrently acquired computer tomography (CT) for attenuation correction and anatomical localization; skull base to mid-thigh
93303		Transthoracic echocardiography for congenital cardiac anomalies; complete	93304		Transthoracic echocardiography for congenital cardiac anomalies; follow-up or limited study
93303		Transthoracic echocardiography for congenital cardiac anomalies; complete	93306		Echocardiography, transthoracic, real-time with image documentation (2D) includes M-mode recording, when performed, complete, without spectral or color Doppler echocardiography
93303		Transthoracic echocardiography for congenital cardiac anomalies; complete	93307		Echocardiography, transthoracic, real-time with image documentation (2D) includes M-mode recording, when performed, complete, without spectral or color Doppler echocardiography
93303		Transthoracic echocardiography for congenital cardiac anomalies; complete	93308		Echocardiography, transthoracic, real-time with image documentation (2D) includes M-mode recording, when performed, complete, without spectral or color Doppler echocardiography
93303		Transthoracic echocardiography for congenital cardiac anomalies; complete	C8921		Transthoracic echocardiography w/contrast for congenital cardiac anomalies; complete
93304		Transthoracic echocardiography for congenital cardiac anomalies; follow-up or limited study	93307		Echocardiography, transthoracic, real-time with image documentation (2D) includes M-mode recording, when performed, complete, without spectral or color Doppler echocardiography*
93304		Transthoracic echocardiography for congenital cardiac anomalies; follow-up or limited study	93308		Echocardiography, transthoracic, real-time with image documentation (2D) includes M-mode recording, when performed, complete, without spectral or color Doppler echocardiography*
93304		Transthoracic echocardiography for congenital cardiac anomalies; follow-up or limited study	C8922		Transthoracic echocardiography w/contrast for congenital cardiac anomalies; f/u or limited study
93306		Echocardiography, transthoracic, real-time w/image documentation, includes M-mode recording, when performed, complete,	93304		Transthoracic echocardiography for congenital cardiac anomalies; follow-up or limited study
93306		Echocardiography, transthoracic, real-time w/image documentation, includes M-mode recording, when performed, complete,	93307		Echocardiography, transthoracic, real-time with image documentation (2D) includes M-mode recording
93306		Echocardiography, transthoracic, real-time w/image documentation, includes M-mode recording, when performed, complete,	93308		Echocardiography, transthoracic, real-time with image documentation (2D) includes M-mode recording, when performed, complete, without spectral or color Doppler echocardiography
93306		Echocardiography, transthoracic, real-time w/image documentation, includes M-mode recording, when performed, complete,	C8929		Transthoracic Echocardiography, with contrast, or without contrast followed by contrast, real-time w/image documentation, includes M-mode recording, when performed, complete, with spectral Doppler echocardiography, and w/color flow Doppler echocardiograph
93307		Echocardiography, transthoracic, real-time with image documentation (2D) includes M-mode recording	93308		Echocardiography, transthoracic, real-time with image documentation (2D) includes M-mode recording, when performed, follow-up or limited study
93307		Echocardiography, transthoracic, real-time with image documentation (2D) includes M-mode recording	C8923		Transthoracic echocardiography with contrast, or without contrast followed by with contrast, real-time with image documentation (2d), includes m-mode recording, when performed, complete, without spectral or color doppler echocardiography
93307		Echocardiography, transthoracic, real-time with image documentation (2D) includes M-mode recording	C8929		Transthoracic echocardiography (TTE) 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
93308		Echocardiography, transthoracic, real-time with image documentation (2D) includes M-mode recording, when performed, follow-up or limited study	C8924		Transthoracic echocardiography with contrast, or without contrast followed by with contrast, real-time with image documentation (2d), includes m-mode recording, when performed, follow-up or limited study

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93350		Echocardiography, <u>transthoracic</u> , 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;	C8928	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
93351		Echocardiography, <u>transthoracic</u> , 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 supervision by a physician or other qualified health care professional	93350	Echocardiography, <u>transthoracic</u> , 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;
93351		Echocardiography, <u>transthoracic</u> , 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 supervision by a physician or other qualified health care professional	C8928	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
93351		Echocardiography, <u>transthoracic</u> , 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 supervision by a physician or other qualified health care professional	C8930	Transthoracic echocardiography with contrast, or without contrast followed by with contrast
93453		Combined right and left heart catheterization including intraprocedural injection(s) for left ventriculography, imaging supervision and interpretation, when performed	93451	Right heart catheterization including measurement(s) of oxygen saturation and cardiac output, when performed
93453		Combined right and left heart catheterization including intraprocedural injection(s) for left ventriculography, imaging supervision and interpretation, when performed	93452	Left heart catheterization including intraprocedural injection(s) for left ventriculography, imaging supervision and interpretation, when performed
93453		Combined right and left heart catheterization including intraprocedural injection(s) for left ventriculography, imaging supervision and interpretation, when performed	93454	Catheter placement in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for coronary angiography, imaging supervision and interpretation;
93453		Combined right and left heart catheterization including intraprocedural injection(s) for left ventriculography, imaging supervision and interpretation, when performed	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
93453		Combined right and left heart catheterization including intraprocedural injection(s) for left ventriculography, imaging supervision and interpretation, when performed	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
93453		Combined right and left heart catheterization including intraprocedural injection(s) for left ventriculography, imaging supervision and interpretation, when performed	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
93453		Combined right and left heart catheterization including intraprocedural injection(s) for left ventriculography, imaging supervision and interpretation, when performed	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





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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	93453		Combined right and left heart catheterization including intraprocedural injection(s) for left ventriculography, imaging supervision and interpretation, when performed
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	93454		Catheter placement in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for coronary angiography, imaging supervision and interpretation;
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	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
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	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
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	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
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	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
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	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
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	93452		Left heart catheterization including intraprocedural injection(s) for left ventriculography, imaging supervision and interpretation, when performed
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	93453		Combined right and left heart catheterization including intraprocedural injection(s) for left ventriculography, imaging supervision and interpretation, when performed

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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	93454		Catheter placement in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for coronary angiography, imaging supervision and interpretation;
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	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
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	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
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	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
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	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
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	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
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	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
93985		Duplex scan of arterial inflow and venous outflow for preoperative vessel assessment prior to creation of hemodialysis access; complete bilateral study	93986		Duplex scan of arterial inflow and venous outflow for preoperative vessel assessment prior to creation of hemodialysis access; complete unilateral study
93985		Duplex scan of arterial inflow and venous outflow for preoperative vessel assessment prior to creation of hemodialysis access; complete bilateral study	93990		Duplex scan of hemodialysis access (including arterial inflow, body of access and venous outflow)
93986		Duplex scan of arterial inflow and venous outflow for preoperative vessel assessment prior to creation of hemodialysis access; complete unilateral study	93990		Duplex scan of hemodialysis access (including arterial inflow, body of access and venous outflow)
C8900		Magnetic resonance angiography with contrast, abdomen	74185		Magnetic resonance angiography, abdomen, with or without contrast material(s)

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C8900		Magnetic resonance angiography with contrast, abdomen	C8901	Magnetic resonance angiography without contrast, abdomen
C8900		Magnetic resonance angiography with contrast, abdomen	C8902	Magnetic resonance angiography without contrast followed by with contrast, abdomen
C8901		Magnetic resonance angiography without contrast, abdomen	74185	Magnetic resonance angiography, abdomen, with or without contrast material(s)
C8901		Magnetic resonance angiography without contrast, abdomen	C8900	Magnetic resonance angiography with contrast, abdomen
C8901		Magnetic resonance angiography without contrast, abdomen	C8902	Magnetic resonance angiography without contrast followed by with contrast, abdomen
C8902		Magnetic resonance angiography without contrast followed by with contrast, abdomen	74185	Magnetic resonance angiography, abdomen, with or without contrast material(s)
C8902		Magnetic resonance angiography without contrast followed by with contrast, abdomen	C8900	Magnetic resonance angiography with contrast, abdomen
C8902		Magnetic resonance angiography without contrast followed by with contrast, abdomen	C8901	Magnetic resonance angiography without contrast, abdomen
C8903		Magnetic resonance imaging with contrast, breast; unilateral	77046	Magnetic resonance imaging, breast, without contrast material; unilateral
C8903		Magnetic resonance imaging with contrast, breast; unilateral	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
C8903		Magnetic resonance imaging with contrast, breast; unilateral	C8905	Magnetic resonance imaging without contrast followed by with contrast, breast; unilateral
C8905		Magnetic resonance imaging without contrast followed by with contrast, breast; unilateral	77046	Magnetic resonance imaging, breast, without contrast material; unilateral
C8905		Magnetic resonance imaging without contrast followed by with contrast, breast; unilateral	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
C8905		Magnetic resonance imaging without contrast followed by with contrast, breast; unilateral	C8903	Magnetic resonance imaging with contrast, breast; unilateral
C8906		Magnetic resonance imaging with contrast, breast; bilateral	77046	Magnetic resonance imaging, breast, without contrast material; unilateral
C8906		Magnetic resonance imaging with contrast, breast; bilateral	77047	Magnetic resonance imaging, breast, without contrast material; bilateral
C8906		Magnetic resonance imaging with contrast, breast; 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
C8906		Magnetic resonance imaging with contrast, breast; bilateral	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
C8906		Magnetic resonance imaging with contrast, breast; bilateral	C8903	Magnetic resonance imaging with contrast, breast; unilateral
C8906		Magnetic resonance imaging with contrast, breast; bilateral	C8905	Magnetic resonance imaging without contrast followed by with contrast, breast; unilateral
C8906		Magnetic resonance imaging with contrast, breast; bilateral	C8908	Magnetic resonance imaging without contrast followed by with contrast, breast; bilateral
C8908		Magnetic resonance imaging without contrast followed by with contrast, breast; bilateral	77046	Magnetic resonance imaging, breast, without contrast material; unilateral
C8908		Magnetic resonance imaging without contrast followed by with contrast, breast; bilateral	77047	Magnetic resonance imaging, breast, without contrast material; bilateral
C8908		Magnetic resonance imaging without contrast followed by with contrast, breast; 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
C8908		Magnetic resonance imaging without contrast followed by with contrast, breast; bilateral	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
C8908		Magnetic resonance imaging without contrast followed by with contrast, breast; bilateral	C8903	Magnetic resonance imaging with contrast, breast; unilateral
C8908		Magnetic resonance imaging without contrast followed by with contrast, breast; bilateral	C8905	Magnetic resonance imaging without contrast followed by with contrast, breast; unilateral

PRECERTIFICATION GIVEN WITH THIS CPT CODE			CLAIM SUBMITTED WITH THIS CPT CODE WILL BE ALLOWED		
Code		Code Description	Code		Code Description
C8908		Magnetic resonance imaging without contrast followed by with contrast, breast; bilateral	C8906		Magnetic resonance imaging with contrast, breast; bilateral
C8909		Magnetic resonance angiography with contrast, chest (excluding myocardium)	71555		Magnetic resonance angiography, chest (excluding myocardium), with or without contrast material(s)
C8909		Magnetic resonance angiography with contrast, chest (excluding myocardium)	C8910		Magnetic resonance angiography without contrast, chest (excluding myocardium)
C8909		Magnetic resonance angiography with contrast, chest (excluding myocardium)	C8911		Magnetic resonance angiography without contrast followed by with contrast, chest (excluding myocardium)
C8910		Magnetic resonance angiography without contrast, chest (excluding myocardium)	71555		Magnetic resonance angiography, chest (excluding myocardium), with or without contrast material(s)
C8910		Magnetic resonance angiography without contrast, chest (excluding myocardium)	C8910		Magnetic resonance angiography without contrast, chest (excluding myocardium)
C8910		Magnetic resonance angiography without contrast, chest (excluding myocardium)	C8911		Magnetic resonance angiography without contrast followed by with contrast, chest (excluding myocardium)
C8911		Magnetic resonance angiography without contrast followed by with contrast, chest (excluding myocardium)	71555		Magnetic resonance angiography, chest (excluding myocardium), with or without contrast material(s)
C8911		Magnetic resonance angiography without contrast followed by with contrast, chest (excluding myocardium)	C8909		Magnetic resonance angiography with contrast, chest (excluding myocardium)
C8911		Magnetic resonance angiography without contrast followed by with contrast, chest (excluding myocardium)	C8910		Magnetic resonance angiography without contrast, chest (excluding myocardium)
C8912		Magnetic resonance angiography with contrast, lower extremity	73725		Magnetic resonance angiography, lower extremity, with or without contrast material(s)
C8912		Magnetic resonance angiography with contrast, lower extremity	C8913		Magnetic resonance angiography without contrast, lower extremity
C8912		Magnetic resonance angiography with contrast, lower extremity	C8914		Magnetic resonance angiography without contrast followed by with contrast, lower extremity
C8913		Magnetic resonance angiography without contrast, lower extremity	73725		Magnetic resonance angiography, lower extremity, with or without contrast material(s)
C8913		Magnetic resonance angiography without contrast, lower extremity	C8912		Magnetic resonance angiography with contrast, lower extremity
C8913		Magnetic resonance angiography without contrast, lower extremity	C8914		Magnetic resonance angiography without contrast followed by with contrast, lower extremity
C8914		Magnetic resonance angiography without contrast followed by with contrast, lower extremity	73725		Magnetic resonance angiography, lower extremity, with or without contrast material(s)
C8914		Magnetic resonance angiography without contrast followed by with contrast, lower extremity	C8912		Magnetic resonance angiography with contrast, lower extremity
C8914		Magnetic resonance angiography without contrast followed by with contrast, lower extremity	C8913		Magnetic resonance angiography without contrast, lower extremity
C8918		Magnetic resonance angiography with contrast, pelvis	72198		Magnetic resonance angiography, pelvis, with or without contrast material(s)
C8918		Magnetic resonance angiography with contrast, pelvis	C8919		Magnetic resonance angiography without contrast, pelvis
C8918		Magnetic resonance angiography with contrast, pelvis	C8920		Magnetic resonance angiography without contrast followed by with contrast, pelvis
C8919		Magnetic resonance angiography without contrast, pelvis	72198		Magnetic resonance angiography, pelvis, with or without contrast material(s)
C8919		Magnetic resonance angiography without contrast, pelvis	C8918		Magnetic resonance angiography with contrast, pelvis
C8919		Magnetic resonance angiography without contrast, pelvis	C8920		Magnetic resonance angiography without contrast followed by with contrast, pelvis
C8920		Magnetic resonance angiography without contrast followed by with contrast, pelvis	72198		Magnetic resonance angiography, pelvis, with or without contrast material(s)
C8920		Magnetic resonance angiography without contrast followed by with contrast, pelvis	C8918		Magnetic resonance angiography with contrast, pelvis
C8920		Magnetic resonance angiography without contrast followed by with contrast, pelvis	C8919		Magnetic resonance angiography without contrast, pelvis
C8931		Magnetic resonance angiography with contrast, spinal canal and contents	72159		Magnetic resonance angiography, spinal canal and contents, with or without contrast material(s)
C8931		Magnetic resonance angiography with contrast, spinal canal and contents	C8932		Magnetic resonance angiography without contrast, spinal canal and contents
C8931		Magnetic resonance angiography with contrast, spinal canal and contents	C8933		Magnetic resonance angiography without contrast followed by with contrast, spinal canal and contents
C8932		Magnetic resonance angiography without contrast, spinal canal and contents	72159		Magnetic resonance angiography, spinal canal and contents, with or without contrast material(s)

PRECERTIFICATION GIVEN WITH THIS CPT CODE			CLAIM SUBMITTED WITH THIS CPT CODE WILL BE ALLOWED		
Code		Code Description	Code		Code Description
C8932		Magnetic resonance angiography without contrast, spinal canal and contents	C8931		Magnetic resonance angiography with contrast, spinal canal and contents
C8932		Magnetic resonance angiography without contrast, spinal canal and contents	C8933		Magnetic resonance angiography without contrast followed by with contrast, spinal canal and contents
C8933		Magnetic resonance angiography without contrast followed by with contrast, spinal canal and contents	72159		Magnetic resonance angiography, spinal canal and contents, with or without contrast material(s)
C8933		Magnetic resonance angiography without contrast followed by with contrast, spinal canal and contents	C8931		Magnetic resonance angiography with contrast, spinal canal and contents
C8933		Magnetic resonance angiography without contrast followed by with contrast, spinal canal and contents	C8932		Magnetic resonance angiography without contrast, spinal canal and contents
C8934		Magnetic resonance angiography with contrast, upper extremity	73225		Magnetic resonance angiography, upper extremity, with or without contrast material(s)
C8934		Magnetic resonance angiography with contrast, upper extremity	C8935		Magnetic resonance angiography without contrast, upper extremity
C8934		Magnetic resonance angiography with contrast, upper extremity	C8936		Magnetic resonance angiography without contrast followed by with contrast, upper extremity
C8935		Magnetic resonance angiography without contrast, upper extremity	73225		Magnetic resonance angiography, upper extremity, with or without contrast material(s)
C8935		Magnetic resonance angiography without contrast, upper extremity	C8934		Magnetic resonance angiography with contrast, upper extremity
C8935		Magnetic resonance angiography without contrast, upper extremity	C8936		Magnetic resonance angiography without contrast followed by with contrast, upper extremity
C8936		Magnetic resonance angiography without contrast followed by with contrast, upper extremity	73225		Magnetic resonance angiography, upper extremity, with or without contrast material(s)
C8936		Magnetic resonance angiography without contrast followed by with contrast, upper extremity	C8934		Magnetic resonance angiography with contrast, upper extremity
C8936		Magnetic resonance angiography without contrast followed by with contrast, upper extremity	C8936		Magnetic resonance angiography without contrast followed by with contrast, upper extremity