

## Health New England Prior Authorization Procedure List: Radiology & Cardiology

| Product   | Category | CPT® Code | CPT® Code Description  | Requires Prior Authorization |
|-----------|----------|-----------|--|------------------------------|
| Radiology | MR       | 70336     | Magnetic resonance (eg, proton) imaging, temporomandibular joint(s)  | Yes                          |
| Radiology | CT       | 70450     | Computed tomography, head or brain; without contrast material  | Yes                          |
| Radiology | CT       | 70460     | Computed tomography, head or brain; with contrast material(s)  | Yes                          |
| Radiology | CT       | 70470     | Computed tomography, head or brain; without contrast material, followed by contrast material(s) and further sections   | Yes                          |
| Radiology | CT       | 70471     | Computed tomographic angiography (CTA), head and neck, with contrast material(s), including noncontrast images, when performed, and image postprocessing   | Yes                          |
| Radiology | CT       | 70472     | Computed tomographic (CT) cerebral perfusion analysis with contrast material(s), including image postprocessing performed with concurrent CT or CT angiography of the same anatomy (List separately in addition to code for primary procedure) | Yes                          |
| Radiology | CT       | 70473     | Computed tomographic (CT) cerebral perfusion analysis with contrast material(s), including image postprocessing performed with concurrent CT or CT angiography of the same anatomy (List separately in addition to code for primary procedure) | Yes                          |
| Radiology | CT       | 70480     | Computed tomography, orbit, sella, or posterior fossa or outer, middle, or inner ear; without contrast material  | Yes                          |
| Radiology | CT       | 70481     | Computed tomography, orbit, sella, or posterior fossa or outer, middle, or inner ear; with contrast material(s)  | Yes                          |
| Radiology | CT       | 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   | Yes                          |
| Radiology | CT       | 70486     | Computed tomography, maxillofacial area; without contrast material   | Yes                          |
| Radiology | CT       | 70487     | Computed tomography, maxillofacial area; with contrast material(s)   | Yes                          |
| Radiology | CT       | 70488     | Computed tomography, maxillofacial area; without contrast material, followed by contrast material(s) and further sections  | Yes                          |
| Radiology | CT       | 70490     | Computed tomography, soft tissue neck; without contrast material   | Yes                          |
| Radiology | CT       | 70491     | Computed tomography, soft tissue neck; with contrast material(s)   | Yes                          |
| Radiology | CT       | 70492     | Computed tomography, soft tissue neck; without contrast material followed by contrast material(s) and further sections   | Yes                          |
| Radiology | CT       | 70496     | Computed tomographic angiography, head, with contrast material(s), including noncontrast images, if performed, and image postprocessing  | Yes                          |
| Radiology | CT       | 70498     | Computed tomographic angiography, neck, with contrast material(s), including noncontrast images, if performed, and image postprocessing  | Yes                          |
| Radiology | MR       | 70540     | Magnetic resonance (eg, proton) imaging, orbit, face, and/or neck; without contrast material(s)  | Yes                          |
| Radiology | MR       | 70542     | Magnetic resonance (eg, proton) imaging, orbit, face, and/or neck; with contrast material(s)   | Yes                          |
| Radiology | MR       | 70543     | Magnetic resonance (eg, proton) imaging, orbit, face, and/or neck; without contrast material(s), followed by contrast material(s) and further sequences  | Yes                          |
| Radiology | MR       | 70544     | Magnetic resonance angiography, head; without contrast material(s)   | Yes                          |
| Radiology | MR       | 70545     | Magnetic resonance angiography, head; with contrast material(s)  | Yes                          |

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|-----------|----------|-----------|---|------------------------------|
| Radiology | MR       | 70546     | Magnetic resonance angiography, head; without contrast material(s), followed by contrast material(s) and further sequences  | Yes                          |
| Radiology | MR       | 70547     | Magnetic resonance angiography, neck; without contrast material(s)  | Yes                          |
| Radiology | MR       | 70548     | Magnetic resonance angiography, neck; with contrast material(s)   | Yes                          |
| Radiology | MR       | 70549     | Magnetic resonance angiography, neck; without contrast material(s), followed by contrast material(s) and further sequences  | Yes                          |
| Radiology | MR       | 70551     | Magnetic resonance (eg, proton) imaging, brain (including brain stem); without contrast material  | Yes                          |
| Radiology | MR       | 70552     | Magnetic resonance (eg, proton) imaging, brain (including brain stem); with contrast material(s)  | Yes                          |
| Radiology | MR       | 70553     | Magnetic resonance (eg, proton) imaging, brain (including brain stem); without contrast material, followed by contrast material(s) and further sequences  | Yes                          |
| Radiology | MR       | 70554     | Magnetic resonance imaging, brain, functional MRI; including test selection and administration of repetitive body part movement and/or visual stimulation, not requiring physician or psychologist administration | Yes                          |
| Radiology | MR       | 70555     | Magnetic resonance imaging, brain, functional MRI; requiring physician or psychologist administration of entire neurofunctional testing   | Yes                          |
| Radiology | CT       | 71250     | Computed tomography, thorax, diagnostic; without contrast material  | Yes                          |
| Radiology | CT       | 71260     | Computed tomography, thorax, diagnostic; with contrast material(s)  | Yes                          |
| Radiology | CT       | 71270     | Computed tomography, thorax, diagnostic; without contrast material, followed by contrast material(s) and further sections   | Yes                          |
| Radiology | CT       | 71271     | Computed tomography, thorax, low dose for lung cancer screening, without contrast material(s)   | Yes                          |
| Radiology | CT       | 71275     | Computed tomographic angiography, chest (noncoronary), with contrast material(s), including noncontrast images, if performed, and image postprocessing  | Yes                          |
| Radiology | MR       | 71550     | Magnetic resonance (eg, proton) imaging, chest (eg, for evaluation of hilar and mediastinal lymphadenopathy); without contrast material(s)  | Yes                          |
| Radiology | MR       | 71551     | Magnetic resonance (eg, proton) imaging, chest (eg, for evaluation of hilar and mediastinal lymphadenopathy); with contrast material(s)   | Yes                          |
| Radiology | MR       | 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                | Yes                          |
| Radiology | MR       | 71555     | Magnetic resonance angiography, chest (excluding myocardium), with or without contrast material(s)  | Yes                          |
| Radiology | CT       | 72125     | Computed tomography, cervical spine; without contrast material  | Yes                          |
| Radiology | CT       | 72126     | Computed tomography, cervical spine; with contrast material   | Yes                          |
| Radiology | CT       | 72127     | Computed tomography, cervical spine; without contrast material, followed by contrast material(s) and further sections   | Yes                          |
| Radiology | CT       | 72128     | Computed tomography, thoracic spine; without contrast material  | Yes                          |
| Radiology | CT       | 72129     | Computed tomography, thoracic spine; with contrast material   | Yes                          |
| Radiology | CT       | 72130     | Computed tomography, thoracic spine; without contrast material, followed by contrast material(s) and further sections   | Yes                          |
| Radiology | CT       | 72131     | Computed tomography, lumbar spine; without contrast material  | Yes                          |
| Radiology | CT       | 72132     | Computed tomography, lumbar spine; with contrast material   | Yes                          |

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| Radiology | CT       | 72133     | Computed tomography, lumbar spine; without contrast material, followed by contrast material(s) and further sections  | Yes                          |
| Radiology | MR       | 72141     | Magnetic resonance (eg, proton) imaging, spinal canal and contents, cervical; without contrast material  | Yes                          |
| Radiology | MR       | 72142     | Magnetic resonance (eg, proton) imaging, spinal canal and contents, cervical; with contrast material(s)  | Yes                          |
| Radiology | MR       | 72146     | Magnetic resonance (eg, proton) imaging, spinal canal and contents, thoracic; without contrast material  | Yes                          |
| Radiology | MR       | 72147     | Magnetic resonance (eg, proton) imaging, spinal canal and contents, thoracic; with contrast material(s)  | Yes                          |
| Radiology | MR       | 72148     | Magnetic resonance (eg, proton) imaging, spinal canal and contents, lumbar; without contrast material  | Yes                          |
| Radiology | MR       | 72149     | Magnetic resonance (eg, proton) imaging, spinal canal and contents, lumbar; with contrast material(s)  | Yes                          |
| Radiology | MR       | 72156     | Magnetic resonance (eg, proton) imaging, spinal canal and contents, without contrast material, followed by contrast material(s) and further sequences; cervical  | Yes                          |
| Radiology | MR       | 72157     | Magnetic resonance (eg, proton) imaging, spinal canal and contents, without contrast material, followed by contrast material(s) and further sequences; thoracic  | Yes                          |
| Radiology | MR       | 72158     | Magnetic resonance (eg, proton) imaging, spinal canal and contents, without contrast material, followed by contrast material(s) and further sequences; lumbar    | Yes                          |
| Radiology | MR       | 72159     | Magnetic resonance angiography, spinal canal and contents, with or without contrast material(s)  | Yes                          |
| Radiology | CT       | 72191     | Computed tomographic angiography, pelvis, with contrast material(s), including noncontrast images, if performed, and image postprocessing                        | Yes                          |
| Radiology | CT       | 72192     | Computed tomography, pelvis; without contrast material   | Yes                          |
| Radiology | CT       | 72193     | Computed tomography, pelvis; with contrast material(s)   | Yes                          |
| Radiology | CT       | 72194     | Computed tomography, pelvis; without contrast material, followed by contrast material(s) and further sections  | Yes                          |
| Radiology | MR       | 72195     | Magnetic resonance (eg, proton) imaging, pelvis; without contrast material(s)  | Yes                          |
| Radiology | MR       | 72196     | Magnetic resonance (eg, proton) imaging, pelvis; with contrast material(s)   | Yes                          |
| Radiology | MR       | 72197     | Magnetic resonance (eg, proton) imaging, pelvis; without contrast material(s), followed by contrast material(s) and further sequences                            | Yes                          |
| Radiology | MR       | 72198     | Magnetic resonance angiography, pelvis, with or without contrast material(s)   | Yes                          |
| Radiology | CT       | 73200     | Computed tomography, upper extremity; without contrast material  | Yes                          |
| Radiology | CT       | 73201     | Computed tomography, upper extremity; with contrast material(s)  | Yes                          |
| Radiology | CT       | 73202     | Computed tomography, upper extremity; without contrast material, followed by contrast material(s) and further sections   | Yes                          |
| Radiology | CT       | 73206     | Computed tomographic angiography, upper extremity, with contrast material(s), including noncontrast images, if performed, and image postprocessing               | Yes                          |
| Radiology | MR       | 73218     | Magnetic resonance (eg, proton) imaging, upper extremity, other than joint; without contrast material(s)   | Yes                          |
| Radiology | MR       | 73219     | Magnetic resonance (eg, proton) imaging, upper extremity, other than joint; with contrast material(s)  | Yes                          |
| Radiology | MR       | 73220     | Magnetic resonance (eg, proton) imaging, upper extremity, other than joint; without contrast material(s), followed by contrast material(s) and further sequences | Yes                          |
| Radiology | MR       | 73221     | Magnetic resonance (eg, proton) imaging, any joint of upper extremity; without contrast material(s)  | Yes                          |

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|-----------|----------|-----------|---|------------------------------|
| Radiology | MR       | 73222     | Magnetic resonance (eg, proton) imaging, any joint of upper extremity; with contrast material(s)  | Yes                          |
| Radiology | MR       | 73223     | Magnetic resonance (eg, proton) imaging, any joint of upper extremity; without contrast material(s), followed by contrast material(s) and further sequences                       | Yes                          |
| Radiology | MR       | 73225     | Magnetic resonance angiography, upper extremity, with or without contrast material(s)   | Yes                          |
| Radiology | CT       | 73700     | Computed tomography, lower extremity; without contrast material   | Yes                          |
| Radiology | CT       | 73701     | Computed tomography, lower extremity; with contrast material(s)   | Yes                          |
| Radiology | CT       | 73702     | Computed tomography, lower extremity; without contrast material, followed by contrast material(s) and further sections  | Yes                          |
| Radiology | CT       | 73706     | Computed tomographic angiography, lower extremity, with contrast material(s), including noncontrast images, if performed, and image postprocessing                                | Yes                          |
| Radiology | MR       | 73718     | Magnetic resonance (eg, proton) imaging, lower extremity other than joint; without contrast material(s)   | Yes                          |
| Radiology | MR       | 73719     | Magnetic resonance (eg, proton) imaging, lower extremity other than joint; with contrast material(s)  | Yes                          |
| Radiology | MR       | 73720     | Magnetic resonance (eg, proton) imaging, lower extremity other than joint; without contrast material(s), followed by contrast material(s) and further sequences                   | Yes                          |
| Radiology | MR       | 73721     | Magnetic resonance (eg, proton) imaging, any joint of lower extremity; without contrast material  | Yes                          |
| Radiology | MR       | 73722     | Magnetic resonance (eg, proton) imaging, any joint of lower extremity; with contrast material(s)  | Yes                          |
| Radiology | MR       | 73723     | Magnetic resonance (eg, proton) imaging, any joint of lower extremity; without contrast material(s), followed by contrast material(s) and further sequences                       | Yes                          |
| Radiology | MR       | 73725     | Magnetic resonance angiography, lower extremity, with or without contrast material(s)   | Yes                          |
| Radiology | CT       | 74150     | Computed tomography, abdomen; without contrast material   | Yes                          |
| Radiology | CT       | 74160     | Computed tomography, abdomen; with contrast material(s)   | Yes                          |
| Radiology | CT       | 74170     | Computed tomography, abdomen; without contrast material, followed by contrast material(s) and further sections  | Yes                          |
| Radiology | CT       | 74174     | Computed tomographic angiography, abdomen and pelvis, with contrast material(s), including noncontrast images, if performed, and image postprocessing                             | Yes                          |
| Radiology | CT       | 74175     | Computed tomographic angiography, abdomen, with contrast material(s), including noncontrast images, if performed, and image postprocessing  | Yes                          |
| Radiology | CT       | 74176     | Computed tomography, abdomen and pelvis; without contrast material  | Yes                          |
| Radiology | CT       | 74177     | Computed tomography, abdomen and pelvis; with contrast material(s)  | Yes                          |
| Radiology | CT       | 74178     | Computed tomography, abdomen and pelvis; without contrast material in one or both body regions, followed by contrast material(s) and further sections in one or both body regions | Yes                          |
| Radiology | MR       | 74181     | Magnetic resonance (eg, proton) imaging, abdomen; without contrast material(s)  | Yes                          |
| Radiology | MR       | 74182     | Magnetic resonance (eg, proton) imaging, abdomen; with contrast material(s)   | Yes                          |
| Radiology | MR       | 74183     | Magnetic resonance (eg, proton) imaging, abdomen; without contrast material(s), followed by with contrast material(s) and further sequences                                       | Yes                          |
| Radiology | MR       | 74185     | Magnetic resonance angiography, abdomen, with or without contrast material(s)   | Yes                          |

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|-----------|------------|-----------|--|------------------------------|
| Radiology | CT         | 74261     | Computed tomographic (CT) colonography, diagnostic, including image postprocessing; without contrast material  | Yes                          |
| Radiology | CT         | 74262     | Computed tomographic (CT) colonography, diagnostic, including image postprocessing; with contrast material(s) including non-contrast images, if performed  | Yes                          |
| Radiology | CT         | 74263     | Computed tomographic (CT) colonography, screening, including image postprocessing  | Yes                          |
| Radiology | MR         | 74712     | Magnetic resonance (eg, proton) imaging, fetal, including placental and maternal pelvic imaging when performed; single or first gestation  | Yes                          |
| Radiology | MR         | 74713     | Magnetic resonance (eg, proton) imaging, fetal, including placental and maternal pelvic imaging when performed; each additional gestation (List separately in addition to code for primary procedure)  | Yes                          |
| Radiology | MR         | 75557     | Cardiac magnetic resonance imaging for morphology and function without contrast material;  | Yes                          |
| Radiology | MR         | 75559     | Cardiac magnetic resonance imaging for morphology and function without contrast material; with stress imaging  | Yes                          |
| Radiology | MR         | 75561     | Cardiac magnetic resonance imaging for morphology and function without contrast material(s), followed by contrast material(s) and further sequences;   | Yes                          |
| Radiology | MR         | 75563     | Cardiac magnetic resonance imaging for morphology and function without contrast material(s), followed by contrast material(s) and further sequences; with stress imaging   | Yes                          |
| Radiology | MR         | 75565     | Cardiac magnetic resonance imaging for velocity flow mapping (List separately in addition to code for primary procedure)   | Yes                          |
| Radiology | CT         | 75571     | Computed tomography, heart, without contrast material, with quantitative evaluation of coronary calcium  | Yes                          |
| Radiology | CT         | 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)  | Yes                          |
| Radiology | CT         | 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).  | Yes                          |
| Radiology | CT         | 75574     | Computed tomographic angiography, heart, coronary arteries and bypass grafts (when present), with contrast material, including 3D image postprocessing (including evaluation of cardiac structure and morphology, assessment of cardiac function, and evaluation)  | Yes                          |
| Radiology | CT         | 75577     | Quantification and characterization of coronary atherosclerotic plaque to assess severity of coronary disease, derived from augmentative software analysis of the data set from a coronary computed tomographic angiography, with interpretation and report by a physician or other qualified health care professional | Yes                          |
| Radiology | CCTA       | 75580     | Noninvasive estimate of coronary fractional flow reserve (FFR) derived from augmentative software analysis of the data set from a coronary computed tomography angiography, with interpretation and report by a physician or other qualified health care profes  | Yes                          |
| Radiology | CT         | 75635     | Computed tomographic angiography, abdominal aorta and bilateral iliofemoral lower extremity runoff, with contrast material(s), including noncontrast images, if performed, and image postprocessing  | Yes                          |
| Radiology | 3D Imaging | 76376     | 3D rendering with interpretation and reporting of computed tomography, magnetic resonance imaging, ultrasound, or other tomographic modality with image postprocessing under concurrent supervision; not requiring image postprocessing on an independent works  | No                           |

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|-----------|------------|-----------|---|------------------------------|
| Radiology | 3D Imaging | 76377     | 3D rendering with interpretation and reporting of computed tomography, magnetic resonance imaging, ultrasound, or other tomographic modality with image postprocessing under concurrent supervision; requiring image postprocessing on an independent workstation                             | No                           |
| Radiology | CT         | 76380     | Computed tomography, limited or localized follow-up study   | Yes                          |
| Radiology | MR         | 76390     | Magnetic resonance spectroscopy   | Yes                          |
| Radiology | MRI        | 76391     | Magnetic resonance (eg, vibration) elastography   | Yes                          |
| Radiology | CT         | 76497     | Unlisted computed tomography procedure (eg, diagnostic, interventional)   | Yes                          |
| Radiology | MR         | 76498     | Unlisted magnetic resonance procedure (eg, diagnostic, interventional)  | Yes                          |
| Radiology | US         | 76978     | Ultrasound, targeted dynamic microbubble sonographic contrast characterization (non-cardiac); initial lesion  | No                           |
| Radiology | US         | 76979     | Ultrasound, targeted dynamic microbubble sonographic contrast characterization (non-cardiac); each additional lesion with separate injection (List separately in addition to code for primary procedure)  | No                           |
| Radiology | CT         | 77011     | Computed tomography guidance for stereotactic localization  | Yes                          |
| Radiology | CT         | 77012     | Computed tomography guidance for needle placement (eg, biopsy, aspiration, injection, localization device), radiological supervision and interpretation   | Yes                          |
| Radiology | CT         | 77013     | Computed tomography guidance for, and monitoring of, parenchymal tissue ablation  | Yes                          |
| Radiology | MR         | 77021     | Magnetic resonance imaging guidance for needle placement (eg, for biopsy, needle aspiration, injection, or placement of localization device) radiological supervision and interpretation  | Yes                          |
| Radiology | MR         | 77022     | Magnetic resonance imaging guidance for, and monitoring of, parenchymal tissue ablation   | Yes                          |
| Radiology | MR         | 77046     | Magnetic resonance imaging, breast, without contrast material; unilateral   | Yes                          |
| Radiology | CT         | 77047     | Magnetic resonance imaging, breast, without contrast material; bilateral  | Yes                          |
| Radiology | CT         | 77048     | Magnetic resonance imaging, breast, without and with contrast material(s), including computer-aided detection (CAD real-time lesion detection, characterization and pharmacokinetic analysis), when performed; unilateral   | Yes                          |
| Radiology | BMRI       | 77049     | Magnetic resonance imaging, breast, without and with contrast material(s), including computer-aided detection (CAD real-time lesion detection, characterization and pharmacokinetic analysis), when performed; bilateral  | Yes                          |
| Radiology | CT         | 77078     | Computed tomography, bone mineral density study, 1 or more sites, axial skeleton (eg, hips, pelvis, spine)  | Yes                          |
| Radiology | MR         | 77084     | Magnetic resonance (eg, proton) imaging, bone marrow blood supply   | Yes                          |
| Radiology | CPET       | 78429     | Myocardial imaging, positron emission tomography (PET), metabolic evaluation study (including ventricular wall motion[s] and/or ejection fraction[s], when performed), single study; with concurrently acquired computed tomography transmission scan   | Yes                          |
| Radiology | CPET       | 78430     | Myocardial imaging, positron emission tomography (PET), perfusion study (including ventricular wall motion[s] and/or ejection fraction[s], when performed); single study, at rest or stress (exercise or pharmacologic), with concurrently acquired computed tomography transmission scan     | Yes                          |
| Radiology | CPET       | 78431     | Myocardial imaging, positron emission tomography (PET), perfusion study (including ventricular wall motion[s] and/or ejection fraction[s], when performed); multiple studies at rest and stress (exercise or pharmacologic), with concurrently acquired computed tomography transmission scan | Yes                          |

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|-----------|---------------------|-----------|--|------------------------------|
| Radiology | CPET                | 78432     | Myocardial imaging, positron emission tomography (PET), combined perfusion with metabolic evaluation study (including ventricular wall motion[s] and/or ejection fraction[s], when performed), dual radiotracer (eg, myocardial viability);  | Yes                          |
| Radiology | CPET                | 78433     | Myocardial imaging, positron emission tomography (PET), combined perfusion with metabolic evaluation study (including ventricular wall motion[s] and/or ejection fraction[s], when performed), dual radiotracer (eg, myocardial viability); with concurrently acquired computed tomography transmission scan | Yes                          |
| Radiology | CPET                | 78434     | Absolute quantitation of myocardial blood flow (AQMBF), positron emission tomography (PET), rest and pharmacologic stress (List separately in addition to code for primary procedure)  | Yes                          |
| Radiology | Nuclear Cardiac Med | 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 (  | Yes                          |
| Radiology | Nuclear Cardiac Med | 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   | Yes                          |
| Radiology | Nuclear Cardiac Med | 78453     | Myocardial perfusion imaging, planar (including qualitative or quantitative wall motion, ejection fraction by first pass or gated technique, additional quantification, when performed); single study, at rest or stress (exercise or pharmacologic)   | Yes                          |
| Radiology | Nuclear Cardiac Med | 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  | Yes                          |
| Radiology | PET                 | 78459     | Myocardial imaging, positron emission tomography (PET), metabolic evaluation   | Yes                          |
| Radiology | Nuclear Cardiac Med | 78466     | Myocardial imaging, infarct avid, planar; qualitative or quantitative  | Yes                          |
| Radiology | Nuclear Cardiac Med | 78468     | Myocardial imaging, infarct avid, planar; with ejection fraction by first pass technique   | Yes                          |
| Radiology | Nuclear Cardiac Med | 78469     | Myocardial imaging, infarct avid, planar; tomographic SPECT with or without quantification   | Yes                          |
| Radiology | Nuclear Cardiac Med | 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  | Yes                          |
| Radiology | Nuclear Cardiac Med | 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   | Yes                          |
| Radiology | Nuclear Cardiac Med | 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  | Yes                          |
| Radiology | Nuclear Cardiac Med | 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   | Yes                          |
| Radiology | PET                 | 78491     | Myocardial imaging, positron emission tomography (PET), perfusion; single study at rest or stress  | Yes                          |
| Radiology | PET                 | 78492     | Myocardial imaging, positron emission tomography (PET), perfusion; multiple studies at rest and/or stress  | Yes                          |
| Radiology | Nuclear Cardiac Med | 78494     | Cardiac blood pool imaging, gated equilibrium, SPECT, at rest, wall motion study plus ejection fraction, with or without quantitative processing   | Yes                          |
| Radiology | Nuclear Cardiac Med | 78496     | Cardiac blood pool imaging, gated equilibrium, single study, at rest, with right ventricular ejection fraction by first pass technique (List separately in addition to code for primary procedure)   | Yes                          |
| Radiology | Nuclear Cardiac Med | 78499     | Unlisted cardiovascular procedure, diagnostic nuclear medicine - Redirect to valid procedure   | Yes                          |



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|-----------|----------|-----------|--|------------------------------|
| Radiology | PET      | 78608     | Brain imaging, positron emission tomography (PET); metabolic evaluation  | Yes                          |
| Radiology | PET      | 78609     | Brain imaging, positron emission tomography (PET); perfusion evaluation  | Yes                          |
| Radiology | PET      | 78811     | Positron emission tomography (PET) imaging; limited area (eg, chest, head/neck)  | Yes                          |
| Radiology | PET      | 78812     | Positron emission tomography (PET) imaging; skull base to mid-thigh  | Yes                          |
| Radiology | PET      | 78813     | Positron emission tomography (PET) imaging; whole body   | Yes                          |
| Radiology | PET      | 78814     | Positron emission tomography (PET) with concurrently acquired computed tomography (CT) for attenuation correction and anatomical localization imaging; limited area (eg, chest, head/neck)   | Yes                          |
| Radiology | PET      | 78815     | Positron emission tomography (PET) with concurrently acquired computed tomography (CT) for attenuation correction and anatomical localization imaging; skull base to mid-thigh   | Yes                          |
| Radiology | PET      | 78816     | Positron emission tomography (PET) with concurrently acquired computed tomography (CT) for attenuation correction and anatomical localization imaging; whole body  | Yes                          |
| Radiology | CID      | 0519T     | Removal and replacement of wireless cardiac stimulator for left ventricular pacing; pulse generator component(s) (battery and/or transmitter)  | No                           |
| Radiology | CID      | 0520T     | Removal and replacement of wireless cardiac stimulator for left ventricular pacing; pulse generator component(s) (battery and/or transmitter), including placement of a new electrode  | No                           |
| Radiology | MR       | 0609T     | Magnetic resonance spectroscopy, determination and localization of discogenic pain (cervical, thoracic, or lumbar); acquisition of single voxel data, per disc, on biomarkers (ie, lactic acid, carbohydrate, alanine, laal, propionic acid, proteoglycan, and collagen) in at least 3 discs | Yes                          |
| Radiology | MR       | 0610T     | Magnetic resonance spectroscopy, determination and localization of discogenic pain (cervical, thoracic, or lumbar); transmission of biomarker data for software analysis   | Yes                          |
| Radiology | MR       | 0611T     | Magnetic resonance spectroscopy, determination and localization of discogenic pain (cervical, thoracic, or lumbar); postprocessing for algorithmic analysis of biomarker data for determination of relative chemical differences between discs   | Yes                          |
| Radiology | MR       | 0612T     | Magnetic resonance spectroscopy, determination and localization of discogenic pain (cervical, thoracic, or lumbar); interpretation and report  | Yes                          |
| Radiology | CT       | 0633T     | Computed tomography, breast, including 3D rendering, when performed, unilateral; without contrast material   | Yes                          |
| Radiology | CT       | 0634T     | Computed tomography, breast, including 3D rendering, when performed, unilateral; with contrast material(s)   | Yes                          |
| Radiology | CT       | 0635T     | Computed tomography, breast, including 3D rendering, when performed, unilateral; without contrast, followed by contrast material(s)  | Yes                          |
| Radiology | CT       | 0636T     | Computed tomography, breast, including 3D rendering, when performed, bilateral; without contrast material(s)   | Yes                          |
| Radiology | CT       | 0637T     | Computed tomography, breast, including 3D rendering, when performed, bilateral; with contrast material(s)  | Yes                          |
| Radiology | CT       | 0638T     | Computed tomography, breast, including 3D rendering, when performed, bilateral; without contrast, followed by contrast material(s)   | Yes                          |



**Health New England**  
**Prior Authorization Procedure List: Radiology & Cardiology**

| Product   | Category | CPT® Code | CPT® Code Description   | Requires Prior Authorization     |
|-----------|----------|-----------|---|----------------------------------|
| Radiology | MRI      | 0648T     | Quantitative magnetic resonance for analysis of tissue composition (e.g., fat, iron, water content), including multiparametric data acquisition, data preparation and transmission, interpretation and report, obtained without diagnostic MRI examination of the same anatomy (e.g., organ, gland, tissue, target structure) during the same session.<br><i>Effective 7/1/2021 AMA Additions</i>                               | Yes                              |
| Radiology | MRI      | 0649T     | Quantitative magnetic resonance for analysis of tissue composition (e.g., fat, iron, water content), including multiparametric data acquisition, data preparation and transmission, interpretation and report, obtained with diagnostic MRI examination of the same anatomy (e.g., organ, gland, tissue, target structure) (List separately in addition to code for primary procedure). <i>Effective 7/1/2021 AMA Additions</i> | Yes                              |
| Radiology | MRI      | 0697T     | Quantitative magnetic resonance for analysis of tissue composition (eg, fat, iron, water content), including multiparametric data acquisition, data preparation and transmission, interpretation and report, obtained without diagnostic MRI examination of the same anatomy (eg, organ, gland, tissue, target structure) during the same session; multiple organs  | Investigational/<br>Experimental |
| Radiology | MRI      | 0698T     | Quantitative magnetic resonance for analysis of tissue composition (eg, fat, iron, water content), including multiparametric data acquisition, data preparation and transmission, interpretation and report, obtained with diagnostic MRI examination of the same anatomy (eg, organ, gland, tissue, target structure); multiple organs (List separately in addition to code for primary procedure)                             | Investigational/<br>Experimental |
| Radiology | CCTA     | 0710T     | Noninvasive arterial plaque analysis using software processing of data from non-coronary computerized tomography angiography; including data preparation and transmission, quantification of the structure and composition of the vessel wall and assessment for lipid-rich necrotic core plaque to assess atherosclerotic plaque stability, data review, interpretation and report   | Investigational/<br>Experimental |
| Radiology | CCTA     | 0711T     | Noninvasive arterial plaque analysis using software processing of data from non-coronary computerized tomography angiography; data preparation and transmission   | Investigational/<br>Experimental |
| Radiology | CCTA     | 0712T     | Noninvasive arterial plaque analysis using software processing of data from non-coronary computerized tomography angiography; quantification of the structure and composition of the vessel wall and assessment for lipid-rich necrotic core plaque to assess atherosclerotic plaque stability  | Investigational/<br>Experimental |
| Radiology | CCTA     | 0713T     | Noninvasive arterial plaque analysis using software processing of data from non-coronary computerized tomography angiography; data review, interpretation and report  | Investigational/<br>Experimental |
| Radiology | NUC CARD | 0742T     | Absolute quantitation of myocardial blood flow (AQMBF), single-photon emission computed tomography (SPECT), with exercise or pharmacologic stress, and at rest, when performed (List separately in addition to code for primary procedure)  | Yes                              |
| Radiology | MRI      | 0865T     | Quantitative magnetic resonance image (MRI) analysis of the brain with comparison to prior magnetic resonance (MR) study(ies), including lesion identification, characterization, and quantification, with brain volume(s) quantification and/or severity score   | Yes                              |
| Radiology | MRI      | 0866T     | Quantitative magnetic resonance image (MRI) analysis of the brain with comparison to prior magnetic resonance (MR) study(ies), including lesion detection, characterization, and quantification, with brain volume(s) quantification and/or severity score, whe   | Yes                              |
| Radiology | MR       | C8900     | Magnetic resonance angiography with contrast, abdomen   | Yes                              |
| Radiology | MR       | C8901     | Magnetic resonance angiography without contrast, abdomen  | Yes                              |
| Radiology | MR       | C8902     | Magnetic resonance angiography without contrast followed by with contrast, abdomen  | Yes                              |
| Radiology | MR       | C8903     | Magnetic resonance imaging with contrast, breast; unilateral  | Yes                              |

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| Product   | Category | CPT® Code | CPT® Code Description   | Requires Prior Authorization |
|-----------|----------|-----------|---|------------------------------|
| Radiology | MR       | C8905     | Magnetic resonance imaging without contrast followed by with contrast, breast; unilateral   | Yes                          |
| Radiology | MR       | C8906     | Magnetic resonance imaging with contrast, breast; bilateral   | Yes                          |
| Radiology | MR       | C8908     | Magnetic resonance imaging without contrast followed by with contrast, breast; bilateral  | Yes                          |
| Radiology | MR       | C8909     | Magnetic resonance angiography with contrast, chest (excluding myocardium)  | Yes                          |
| Radiology | MR       | C8910     | Magnetic resonance angiography without contrast, chest (excluding myocardium)   | Yes                          |
| Radiology | MR       | C8911     | Magnetic resonance angiography without contrast followed by with contrast, chest (excluding myocardium)                                   | Yes                          |
| Radiology | MR       | C8912     | Magnetic resonance angiography with contrast, lower extremity   | Yes                          |
| Radiology | MR       | C8913     | Magnetic resonance angiography without contrast, lower extremity  | Yes                          |
| Radiology | MR       | C8914     | Magnetic resonance angiography without contrast followed by with contrast, lower extremity  | Yes                          |
| Radiology | MR       | C8918     | Magnetic resonance angiography with contrast, pelvis  | Yes                          |
| Radiology | MR       | C8919     | Magnetic resonance angiography without contrast, pelvis   | Yes                          |
| Radiology | MR       | C8920     | Magnetic resonance angiography without contrast followed by with contrast, pelvis   | Yes                          |
| Radiology | MR       | C8931     | Magnetic resonance angiography with contrast, spinal canal and contents   | Yes                          |
| Radiology | MR       | C8932     | Magnetic resonance angiography without contrast, spinal canal and contents  | Yes                          |
| Radiology | MR       | C8933     | Magnetic resonance angiography without contrast followed by with contrast, spinal canal and contents                                      | Yes                          |
| Radiology | MR       | C8934     | Magnetic resonance angiography with contrast, upper extremity   | Yes                          |
| Radiology | MR       | C8935     | Magnetic resonance angiography without contrast, upper extremity  | Yes                          |
| Radiology | MR       | C8936     | Magnetic resonance angiography without contrast followed by with contrast, upper extremity  | Yes                          |
| Radiology | MRI      | C9791     | Magnetic resonance imaging with inhaled hyperpolarized xenon-129 contrast agent, chest, including preparation and administration of agent | Yes                          |
| Radiology | MR       | S8035     | Magnetic source imaging   | Yes                          |
| Radiology | MR       | S8037     | Magnetic resonance cholangiopancreatography (mrCP)  | Yes                          |
| Radiology | MR       | S8042     | Magnetic resonance imaging (mri), low-field   | Yes                          |
| Radiology | CT       | S8092     | Electron beam computed tomography (also known as ultrafast ct, cine ct)   | Yes                          |

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