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MassHealth  
Transmittal Letter IDTF-6  
July 2008

**TO:** Independent Diagnostic Testing Facility Providers Participating in MassHealth  
**FROM:** Tom Dehner, Medicaid Director   
**RE:** *Independent Diagnostic Testing Facility Manual (2008 HCPCS)*

This letter transmits revisions to the service codes Subchapter 6 of in the *Independent Diagnostic Testing Facility Manual*. The Centers for Medicare & Medicaid Services (CMS) have revised the Healthcare Common Procedure Coding System (HCPCS) for 2008. The revised Subchapter 6 is effective for dates of service on or after July 1, 2008.

An IDTF provider may request prior authorization (PA) for any medically necessary service reimbursable under the federal Medicaid Act in accordance with 130 CMR 450.144, 42 U.S.C.1396d(a), and 42 U.S.C. 1396d(r)(5) for a MassHealth Standard or CommonHealth member younger than 21 years of age, even if it is not designated as covered or payable in the *Independent Diagnostic Testing Facility Manual*.

If you wish to obtain a fee schedule, you may download the Division of Health Care Finance and Policy regulations at no cost at [www.mass.gov/dhcfp](http://www.mass.gov/dhcfp). You may also purchase a paper copy of Division of Health Care Finance and Policy regulations from either the Massachusetts State Bookstore or from the Division of Health Care Finance and Policy (see addresses and telephone numbers below). You must contact them first to find out the price of the paper copy of the publication. The regulation titles for this provider are 114.3 CMR 16: Surgery and Related Anesthesia, 114.3 CMR 17: Medicine and 114.3 CMR 18: Radiology.

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### **MassHealth Web Site**

This transmittal letter and attached pages are available on the MassHealth Web site at [www.mass.gov/masshealth](http://www.mass.gov/masshealth).

## **Questions**

If you have any questions about this transmittal letter, please contact MassHealth Customer Service at 1-800-841-2900, e-mail your inquiry to [providersupport@mahealth.net](mailto:providersupport@mahealth.net), or fax your inquiry to 617-988-8974.

## **NEW MATERIAL**

(The pages listed here contain new or revised language.)

### **Independent Diagnostic Testing Facility Manual**

Pages vi and 6-1 through 6-32

## **OBSOLETE MATERIAL**

(The pages listed here are no longer in effect.)

### **Independent Diagnostic Testing Facility Manual**

Pages vi and 6-1 through 6-34 — transmitted by Transmittal Letter IDTF-5

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601 Introduction

MassHealth pays for the services represented by the codes listed in Subchapter 6 in effect at the time of service, subject to all conditions and limitations in MassHealth regulations at 130 CMR 405.000 and 450.000. A community health center may request prior authorization for any medically necessary service reimbursable under the federal Medicaid Act in accordance with 130 CMR 450.144, 42 U.S.C. 1396d(a), and 42 U.S.C. 1396d(r)(5) for a MassHealth Standard or CommonHealth member younger than 21 years of age, even if it is not designated as covered or payable in Subchapter 6 of the *Independent Diagnostic Testing Facility Manual*.

602 Portable X Ray: Radiology Service Codes and Descriptions

Service

Code      Service Description

**Diagnostic Radiology (Diagnostic Imaging)**

**Head and Neck**

- 70030 Radiologic examination, eye, for detection of foreign body
- 70100 Radiologic examination, mandible; partial, less than four views
- 70110        complete, minimum of four views
- 70120 Radiologic examination, mastoids; less than three views per side
- 70130        complete, minimum of three views per side
- 70134 Radiologic examination, internal auditory meati, complete
- 70140 Radiologic examination, facial bones; less than three views
- 70150        complete, minimum of three views
- 70160 Radiologic examination, nasal bones, complete, minimum of three views
- 70190 Radiologic examination; optic foramina
- 70200        orbits, complete, minimum of four views
- 70210 Radiologic examination, sinuses, paranasal, less than three views
- 70220 Radiologic examination, sinuses, paranasal, complete, minimum of three views
- 70240 Radiologic examination, sella turcica
- 70250 Radiologic examination, skull; less than four views
- 70260        complete, minimum of four views
- 70300 Radiologic examination, teeth; single view
- 70310        partial examination, less than full mouth
- 70320        complete, full mouth
- 70328 Radiologic examination, temporomandibular joint, open and closed mouth; unilateral
- 70330        bilateral
- 70332 Temporomandibular joint arthrography, radiological supervision and interpretation
- 70350 Cephalogram, orthodontic
- 70355 Orthopantogram
- 70360 Radiologic examination; neck, soft tissue
- 70370        pharynx or larynx, including fluoroscopy and/or magnification technique
- 70371 Complex dynamic pharyngeal and speech evaluation by cine or video recording
- 70373 Laryngography, contrast, radiological supervision and interpretation
- 70380 Radiologic examination, salivary gland for calculus
- 70390 Sialography, radiological supervision and interpretation

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602 Portable X Ray: Radiology Service Codes and Descriptions (cont.)

Service

Code    Service Description

**Chest**

- 71010 Radiologic examination, chest; single view, frontal
- 71015        stereo, frontal
- 71020 Radiologic examination, chest, two views, frontal and lateral
- 71021        with apical lordotic procedure
- 71022        with oblique projections
- 71023        with fluoroscopy
- 71030 Radiologic examination, chest, complete, minimum of four views
- 71034        with fluoroscopy
- 71035 Radiologic examination, chest, special views (e.g., lateral decubitus, Bucky studies)
- 71040 Bronchography, unilateral, radiological supervision and interpretation
- 71060 Bronchography, bilateral, radiological supervision and interpretation
- 71100 Radiologic examination, ribs, unilateral; two views
- 71101        including posteroanterior chest, minimum of three views
- 71110 Radiologic examination, ribs, bilateral; three views
- 71111        including posteroanterior chest, minimum of four views
- 71120 Radiologic examination; sternum, minimum of two views
- 71130        sternoclavicular joint or joints, minimum of three views

**Spine and Pelvis**

- 72010 Radiologic examination, spine, entire, survey study, anteroposterior and lateral
- 72020 Radiologic examination, spine, single view, specify level
- 72040 Radiologic examination, spine, cervical; two or three views
- 72050        minimum of four views
- 72052        complete, including oblique and flexion and/or extension studies
- 72069 Radiologic examination, spine, thoracolumbar, standing (scoliosis)
- 72070 Radiologic examination, spine; thoracic, two views
- 72072        thoracic, three views
- 72074        thoracic, minimum of four views
- 72080        thoracolumbar, two views
- 72090        scoliosis study, including supine and erect studies
- 72100 Radiologic examination, spine, lumbosacral; two or three views
- 72110        minimum of four views
- 72114        complete, including bending views
- 72120 Radiologic examination, spine, lumbosacral, bending views only, minimum of four views
- 72170 Radiologic examination, pelvis; one or two views
- 72190        complete, minimum of three views
- 72200 Radiologic examination, sacroiliac joints; less than three views
- 72202        three or more views
- 72220 Radiologic examination, sacrum and coccyx, minimum of two views
- 72240 Myelography, cervical, radiological supervision and interpretation

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602 Portable X Ray: Radiology Service Codes and Descriptions (cont.)

Service

Code      Service Description

- 72255      Myelography, thoracic, radiological supervision and interpretation
- 72265      Myelography, lumbosacral, radiological supervision and interpretation
- 72270      Myelography, two or more regions (e.g., lumbar/thoracic, cervical/thoracic, lumbar/cervical, lumbar/thoracic/cervical), radiological supervision and interpretation
- 72275      Epidurography, radiological supervision and interpretation
- 72285      Diskography, cervical or thoracic, radiological supervision and interpretation
- 72295      Diskography, lumbar, radiological supervision and interpretation

**Upper Extremities**

- 73000      Radiologic examination; clavicle, complete
- 73010          scapula, complete
- 73020      Radiologic examination, shoulder; one view
- 73030          complete, minimum of two views
- 73040      Radiologic examination, shoulder, arthrography, radiological supervision and interpretation
- 73050      Radiologic examination; acromioclavicular joints, bilateral, with or without weighted distraction
- 73060          humerus, minimum of two views
- 73070      Radiologic examination, elbow; two views
- 73080          complete, minimum of three views
- 73085      Radiologic examination, elbow, arthrography, radiological supervision and interpretation
- 73090      Radiologic examination; forearm, two views
- 73092          upper extremity, infant, minimum of two views
- 73100      Radiologic examination, wrist; two views
- 73110          complete, minimum of three views
- 73115      Radiologic examination, wrist, arthrography, radiological supervision and interpretation
- 73120      Radiologic examination, hand; two views
- 73130          minimum of three views
- 73140      Radiologic examination, finger(s), minimum of two views

**Lower Extremities**

- 73500      Radiologic examination, hip, unilateral; one view
- 73510          complete, minimum of two views
- 73520      Radiologic examination, hips, bilateral, minimum of two views of each hip, including anteroposterior view of pelvis
- 73525      Radiologic examination, hip, arthrography, radiological supervision and interpretation
- 73530      Radiologic examination, hip, during operative procedure
- 73540      Radiologic examination, pelvis and hips, infant or child, minimum of two views
- 73542      Radiological examination, sacroiliac joint arthrography, radiological supervision and interpretation
- 73550      Radiologic examination, femur, two views
- 73560      Radiologic examination, knee; one or two views
- 73562          three views
- 73564          complete, four or more views

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602 Portable X Ray: Radiology Service Codes and Descriptions (cont.)

Service

Code      Service Description

- 73565      both knees, standing, anteroposterior
- 73580      Radiologic examination, knee, arthrography, radiological supervision and interpretation
- 73590      Radiologic examination; tibia and fibula, two views
- 73592      lower extremity, infant, minimum of two views
- 73600      Radiologic examination, ankle; two views
- 73610      complete, minimum of three views
- 73615      Radiologic examination, ankle, arthrography, radiological supervision and interpretation
- 73620      Radiologic examination, foot; two views
- 73630      complete, minimum of three views
- 73650      Radiologic examination; calcaneus, minimum of two views
- 73660      toe(s), minimum of two views

**Abdomen**

- 74000      Radiologic examination, abdomen; single anteroposterior view
- 74010      anteroposterior and additional oblique and cone views
- 74020      complete, including decubitus and/or erect views
- 74022      complete acute abdomen series, including supine, erect, and/or decubitus views, single view chest

**Gastrointestinal Tract**

- 74210      Radiologic examination; pharynx and/or cervical esophagus
- 74220      esophagus
- 74230      Swallowing function, with cineradiography/videoradiography
- 74235      Removal of foreign body(s), esophageal, with use of balloon catheter, radiological supervision and interpretation
- 74240      Radiologic examination, gastrointestinal tract, upper; with or without delayed films, without KUB
- 74241      with or without delayed films, with KUB
- 74245      with small intestine, includes multiple serial films
- 74246      Radiological examination, gastrointestinal tract, upper, air contrast, with specific high density barium, effervescent agent, with or without glucagon; with or without delayed films, without KUB
- 74247      with or without delayed films, with KUB
- 74249      with small intestine follow-through
- 74250      Radiologic examination, small intestine, includes multiple serial films
- 74251      via enteroclysis tube
- 74260      Duodenography, hypotonic
- 74270      Radiologic examination, colon; barium enema, with or without KUB
- 74280      air contrast with specific high density barium, with or without glucagon
- 74290      Cholecystography, oral contrast
- 74291      additional or repeat examination or multiple day examination

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603 Freestanding Magnetic Resonance Imaging (FMRI): Radiology Service Codes and Descriptions

Service

Code      Service Description

- 74300      Cholangiography and/or pancreatography; intraoperative, radiological supervision and interpretation
- 74301      additional set intraoperative, radiological supervision and interpretation (List separately in addition to code for primary procedure.)
- 74305      through existing catheter, radiological supervision and interpretation
- 74320      Cholangiography, percutaneous, transhepatic, radiological supervision and interpretation

**Head and Neck**

- 70336      Magnetic resonance (e.g., proton) imaging, temporomandibular joint(s) (PA)
- 70540      Magnetic resonance (e.g., proton) imaging, orbit, face, and/or neck; without contrast material(s)
- 70542      with contrast material(s)
- 70543      without contrast material(s), followed by contrast material(s) and further sequences
- 70544      Magnetic resonance angiography, head; without contrast material(s)
- 70545      with contrast material(s)
- 70546      without contrast material(s), followed by contrast material(s) and further sequences
- 70547      Magnetic resonance angiography, neck; without contrast material(s)
- 70548      with contrast material(s)
- 70549      without contrast material(s), followed by contrast material(s) and further sequences
- 70551      Magnetic resonance (e.g., proton) imaging, brain (including brain stem); without contrast material
- 70552      with contrast material(s) (professional component only)
- 70553      without contrast material, followed by contrast material(s) and further sequences
- 70557      Magnetic resonance (e.g., proton) imaging, brain (including brain stem and skull base), during open intracranial procedure (e.g., to assess for residual tumor or residual vascular malformation); without contrast material
- 70558      with contrast material(s)
- 70559      without contrast material(s), followed by contrast material(s) and further sequences

**Chest**

- 71550      Magnetic resonance (e.g., proton) imaging, chest (e.g., for evaluation of hilar and mediastinal lymphadenopathy); without contrast material(s)
- 71551      with contrast material(s)
- 71555      Magnetic resonance angiography, chest (excluding myocardium), with or without contrast material(s)

**Spine and Pelvis**

- 72141      Magnetic resonance (e.g., proton) imaging, spinal canal and contents, cervical; without contrast material
- 72142      with contrast material(s)
- 72146      Magnetic resonance (e.g., proton) imaging, spinal canal and contents, thoracic; without contrast material



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603 Freestanding Magnetic Resonance Imaging (FMRI): Radiology Service Codes and Descriptions (cont.)

Service

Code      Service Description

- 72147      with contrast material(s)
- 72148      Magnetic resonance (e.g., proton) imaging, spinal canal and contents, lumbar; without contrast material
- 72149      with contrast material(s)
- 72156      Magnetic resonance (e.g., proton) imaging, spinal canal and contents, without contrast material, followed by contrast material(s) and further sequences; cervical
- 72157      thoracic
- 72158      lumbar
- 72195      Magnetic resonance (e.g., proton) imaging, pelvis; without contrast materials
- 72196      with contrast material(s)
- 72197      without contrast material(s), followed by contrast material(s) and further sequences

**Upper Extremities**

- 73218      Magnetic resonance (e.g., proton) imaging, upper extremity, other than joint; without contrast material(s)
- 73219      with contrast material(s)
- 73220      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)
- 73222      with contrast material(s)
- 73223      without contrast material(s), followed by contrast material(s) and further sequences

**Lower Extremities**

- 73718      Magnetic resonance (e.g.) proton imaging, lower extremity other than joint; without contrast material(s)
- 73719      with contrast material(s)
- 73720      Magnetic resonance (e.g., proton) imaging, lower extremity, other than joint; without contrast material(s), followed by contrast material(s) and further sequences
- 73721      Magnetic resonance (e.g. proton) imaging, any joint of lower extremity; without contrast material
- 73722      with contrast material(s)
- 73723      without contrast material(s), followed by contrast material(s) and further sequences
- 73725      Magnetic resonance angiography, lower extremity, with or without contrast material(s)
- 74181      Magnetic resonance (e.g., proton) imaging, abdomen; without contrast material(s)
- 74182      with contrast material(s)
- 74183      without contrast material(s), followed by with contrast material(s) and further sequences
- 74185      Magnetic resonance angiography, abdomen, with or without contrast material(s)

**Heart**

- 75557      Cardiac magnetic resonance imaging for morphology and function without contract material
- 75558      with flow/velocity quantification

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603 Freestanding Magnetic Resonance Imaging (FMRI): Radiology Service Codes and Descriptions (cont.)

Service

Code      Service Description

75559      with stress imaging  
 75560      with flow/velocity quantification and stress  
 75561      Cardiac magnetic resonance imaging for morphology and function without contrast material;  
             followed by contrast material(s) and further sequences  
 75562      with flow/velocity quantification  
 75563      followed by contrast material(s) and further sequences; with stress imaging  
 75564      followed by contrast material(s) and further sequences; with flow/velocity quantification and  
             stress imaging

**Magnetic Resonance Guidance**

77021      Magnetic resonance guidance for needle placement (e.g., for biopsy, needle aspiration, injection,  
             or placement of localization device) radiological supervision and interpretation  
 77022      Magnetic resonance guidance for, and monitoring of, parenchymal tissue ablation

**Breast Mammography**

77058      Magnetic resonance imaging, breast, without and/or with contrast material(s); unilateral (PA)  
 77059      bilateral (PA)

**Supplies for Radiologic Procedures**

A4641      Radiopharmaceutical, diagnostic not otherwise classified (IC)

**Administrative, Miscellaneous and Investigational**

A9500      Technetium Tc-99m sestamibi, diagnostic, per study dose, up to 40 millicuries (IC)  
 A9502      Technetium Tc-99m tetrofosmin, diagnostic, per study dose, up to 40 millicuries (IC)  
 A9503      Technetium Tc-99m medronate, diagnostic, per study, up to 30 millicuries (IC)  
 A9505      Thallium Tl-201 thallos chloride, diagnostic, per millicurie (IC)  
 A9512      Technetium Tc-99m pertechnetate, diagnostic, per millicurie (IC)  
 A9537      Technetium Tc-99m mebrofenin, diagnostic, per study dose, up to 15 millicuries (IC)

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604 Diagnostic Imaging Centers: Radiology Service Codes and Descriptions

Service

Code      Service Description

**Maternity Care and Delivery**

**Antepartum Services**

59025      Fetal non-stress test

**Diagnostic Radiology (Diagnostic Imaging)**

**Head and Neck**

- 70030      Radiologic examination, eye, for detection of foreign body
- 70100      Radiologic examination, mandible; partial, less than four views
- 70110          complete, minimum of four views
- 70120      Radiologic examination, mastoids; less than three views per side
- 70130          complete, minimum of three views per side
- 70134      Radiologic examination, internal auditory meati, complete
- 70140      Radiologic examination, facial bones; less than three views
- 70150          complete, minimum of three views
- 70160      Radiologic examination, nasal bones, complete, minimum of three views
- 70190      Radiologic examination; optic foramina
- 70200          orbits, complete, minimum of four views
- 70210      Radiologic examination, sinuses, paranasal, less than three views
- 70220      Radiologic examination, sinuses, paranasal, complete, minimum of three views
- 70240      Radiologic examination, sella turcica
- 70250      Radiologic examination, skull; less than four views
- 70260          complete, minimum of four views
- 70300      Radiologic examination, teeth; single view
- 70310          partial examination, less than full mouth
- 70320          complete, full mouth
- 70328      Radiologic examination, temporomandibular joint, open and closed mouth; unilateral
- 70330          bilateral
- 70332      Temporomandibular joint arthrography, radiological supervision and interpretation
- 70336      Magnetic resonance (e.g., proton) imaging, temporomandibular joint(s)
- 70350      Cephalogram, orthodontic
- 70355      Orthopantogram
- 70360      Radiologic examination; neck, soft tissue
- 70370          pharynx or larynx, including fluoroscopy and/or magnification technique
- 70371      Complex dynamic pharyngeal and speech evaluation by cine or video recording
- 70373      Laryngography, contrast, radiological supervision and interpretation
- 70380      Radiologic examination, salivary gland for calculus
- 70390      Sialography, radiological supervision and interpretation
- 70450      Computed tomography, head or brain; without contrast material
- 70460          with contrast material(s)
- 70470          without contrast material, followed by contrast material(s) and further sections

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604 Diagnostic Imaging Centers: Radiology Service Codes and Descriptions (cont.)

Service

Code      Service Description

- 70480      Computed tomography, orbit, sella, or posterior fossa or outer, middle, or inner ear; without contrast material
- 70481      with contrast material(s)
- 70482      without contrast material, followed by contrast material(s) and further sections
- 70486      Computed tomography, maxillofacial area; without contrast material
- 70487      with contrast material(s)
- 70488      without contrast material, followed by contrast material(s) and further sections
- 70490      Computed tomography, soft tissue neck; without contrast material
- 70491      with contrast material(s)
- 70492      without contrast material followed by contrast material(s) and further sections
- 70540      Magnetic resonance (e.g., proton) imaging, orbit, face, and/or neck; without contrast material(s)
- 70542      with contrast materials
- 70543      without contrast material(s), followed by contrast material(s) and further sequences
- 70544      Magnetic resonance angiography, head; without contrast material(s)
- 70545      with contrast material(s)
- 70546      without contrast material(s), followed by contrast material(s) and further sequences
- 70547      Magnetic resonance angiography, neck; without contrast material(s)
- 70548      with contrast material(s)
- 70549      without contrast material(s), followed by contrast material(s) and further sequences
- 70551      Magnetic resonance (e.g., proton) imaging, brain (including brain stem); without contrast material
- 70552      with contrast material(s) (professional component only)
- 70553      without contrast material, followed by contrast material(s) and further sequences
- 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
- 70555      requiring physician or psychologist administration of entire neurofunctional testing

**Chest**

- 71010      Radiologic examination, chest; single view, frontal
- 71015      stereo, frontal
- 71020      Radiologic examination, chest, two views, frontal and lateral
- 71021      with apical lordotic procedure
- 71022      with oblique projections
- 71023      with fluoroscopy
- 71030      Radiologic examination, chest, complete, minimum of four views
- 71034      with fluoroscopy
- 71035      Radiologic examination, chest, special views (e.g., lateral decubitus, Bucky studies)
- 71040      Bronchography, unilateral, radiological supervision and interpretation
- 71060      Bronchography, bilateral, radiological supervision and interpretation
- 71100      Radiologic examination, ribs, unilateral; two views
- 71101      including posteroanterior chest, minimum of three views
- 71110      Radiologic examination, ribs, bilateral; three views

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604 Diagnostic Imaging Centers: Radiology Service Codes and Descriptions (cont.)

Service

Code      Service Description

71111      including posteroanterior chest, minimum of four views  
71120      Radiologic examination; sternum, minimum of two views  
71130      sternoclavicular joint or joints, minimum of three views  
71550      Magnetic resonance (e.g. proton) imaging, chest (e.g. for evaluation of hilar and mediastinal lymphadenopathy); without contrast material(s)  
71551      with contrast material(s)  
71555      Magnetic resonance angiography, chest (excluding myocardium), with or without contrast material(s)

**Spine and Pelvis**

72010      Radiologic examination, spine, entire, survey study, anteroposterior and lateral  
72020      Radiologic examination, spine, single view, specify level  
72040      Radiologic examination, spine, cervical; two or three views  
72050      minimum of four views  
72052      complete, including oblique and flexion and/or extension studies  
72069      Radiological examination, spine, thoracolumbar, standing (scoliosis)  
72070      Radiologic examination, spine; thoracic, two views  
72072      thoracic, three views  
72074      thoracic, minimum of four views  
72080      thoracolumbar, two views  
72090      scoliosis study, including supine and erect studies  
72100      Radiologic examination, spine, lumbosacral; two or three views  
72110      minimum of four views  
72114      complete, including bending views  
72120      Radiologic examination, spine, lumbosacral, bending views only, minimum of four views  
72125      Computed tomography, cervical spine; without contrast material  
72126      with contrast material  
72127      without contrast material, followed by contrast material(s) and further sections  
72128      Computed tomography, thoracic spine; without contrast material  
72129      with contrast material  
72130      without contrast material, followed by contrast material(s) and further sections  
72131      Computed tomography, lumbar spine; without contrast material  
72132      with contrast material  
72133      without contrast material, followed by contrast material(s) and further sections  
72141      Magnetic resonance (e.g., proton) imaging, spinal canal and contents, cervical; without contrast material  
72142      with contrast material(s)  
72146      Magnetic resonance (e.g., proton) imaging, spinal canal and contents, thoracic; without contrast material  
72147      with contrast material(s)

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Service

Code      Service Description

- 72148      Magnetic resonance (e.g., proton) imaging, spinal canal and contents, lumbar; without contrast material
- 72149      with contrast material(s)
- 72156      Magnetic resonance (e.g., proton) imaging, spinal canal and contents, without contrast material, followed by contrast material(s) and further sequences; cervical
- 72157      thoracic
- 72158      lumbar
- 72170      Radiologic examination, pelvis; one or two views
- 72190      complete, minimum of three views
- 72192      Computed tomography, pelvis; without contrast material
- 72193      with contrast material(s)
- 72194      without contrast material, followed by contrast material(s) and further sections
- 72195      Magnetic resonance (e.g., proton) imaging, pelvis; without contrast materials
- 72196      with contrast material(s)
- 72197      without contrast material(s), followed by contrast material(s) and further sequences
- 72200      Radiologic examination, sacroiliac joints; less than three views
- 72202      three or more views
- 72220      Radiologic examination, sacrum and coccyx, minimum of two views
- 72240      Myelography, cervical, radiological supervision and interpretation
- 72255      Myelography, thoracic, radiological supervision and interpretation
- 72265      Myelography, lumbosacral, radiological supervision and interpretation
- 72270      Myelography, two or more regions (e.g., lumbar/thoracic, cervical/thoracic, lumbar/cervical, lumbar/thoracic/cervical), radiological supervision and interpretation
- 72275      Epidurography, radiological supervision and interpretation
- 72285      Discography, cervical or thoracic, radiological supervision and interpretation
- 72291      Radiological supervision and interpretation, percutaneous vertebroplasty or vertebral augmentation including cavity creation, per vertebral body; under fluoroscopic guidance
- 72292      under CT guidance
- 72295      Discography, lumbar, radiological supervision and interpretation

**Upper Extremities**

- 73000      Radiologic examination; clavicle, complete
- 73010      scapula, complete
- 73020      Radiologic examination, shoulder; one view
- 73030      complete, minimum of two views
- 73040      Radiologic examination, shoulder, arthrography, radiological supervision and interpretation
- 73050      Radiologic examination; acromioclavicular joints, bilateral, with or without weighted distraction
- 73060      humerus, minimum of two views
- 73070      Radiologic examination, elbow; two views
- 73080      complete, minimum of three views

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Service

<u>Code</u>	<u>Service Description</u>
73085	Radiologic examination, elbow, arthrography, radiological supervision and interpretation
73090	Radiologic examination; forearm, two views
73092	upper extremity, infant, minimum of two views
73100	Radiologic examination, wrist; two views
73110	complete, minimum of three views
73115	Radiologic examination, wrist, arthrography, radiological supervision and interpretation
73120	Radiologic examination, hand; two views
73130	minimum of three views
73140	Radiologic examination, finger(s), minimum of two views
73200	Computed tomography, upper extremity; without contrast material
73201	with contrast material(s)
73202	without contrast material, followed by contrast material(s) and further sections
73218	Magnetic resonance (e.g., proton) imaging, upper extremity, other than joint; without contrast materials
73219	with contrast material(s)
73220	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)
73222	with contrast material(s)
73223	without contrast material(s), followed by contrast material(s) and further sequences

**Lower Extremities**

73500	Radiologic examination, hip, unilateral; one view
73510	complete, minimum of two views
73520	Radiologic examination, hips, bilateral, minimum of two views of each hip, including anteroposterior view of pelvis
73525	Radiologic examination, hip, arthrography, radiological supervision and interpretation
73530	Radiologic examination, hip, during operative procedure
73540	Radiologic examination, pelvis and hips, infant or child, minimum of two views
73542	Radiological examination, sacroiliac joint arthrography, radiological supervision and interpretation
73550	Radiologic examination, femur, two views
73560	Radiologic examination, knee; one or two views
73562	three views
73564	complete, four or more views
73565	both knees, standing, anteroposterior
73580	Radiologic examination, knee, arthrography, radiological supervision and interpretation
73590	Radiologic examination; tibia and fibula, two views
73592	lower extremity, infant, minimum of two views
73600	Radiologic examination, ankle; two views
73610	complete, minimum of three views
73615	Radiologic examination, ankle, arthrography, radiological supervision and interpretation
73620	Radiologic examination, foot; two views

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Service

Code      Service Description

73630	complete, minimum of three views
73650	Radiologic examination; calcaneus, minimum of two views
73660	toe(s), minimum of two views
73700	Computed tomography, lower extremity; without contrast material
73701	with contrast material(s)
73702	without contrast material, followed by contrast material(s) and further sections
73718	Magnetic resonance (e.g., proton imaging, lower extremity other than joint; without contrast material(s)
73719	with contrast material(s)
73720	without contrast material(s), followed by contrast material(s) and further sequences
73721	Magnetic resonance (e.g., proton) imaging, any joint of lower extremity; without contrast material
73722	with contrast material(s)
73723	without contrast material(s), followed by contrast material(s) and further sequences
73725	Magnetic resonance angiography, lower extremity, with or without contrast material(s)

**Abdomen**

74000	Radiologic examination, abdomen; single anteroposterior view
74010	anteroposterior and additional oblique and cone views
74020	complete, including decubitus and/or erect views
74022	complete acute abdomen series, including supine, erect, and/or decubitus views, single view chest
74150	Computed tomography, abdomen; without contrast material
74160	with contrast material(s)
74170	without contrast material, followed by contrast material(s) and further sections
74181	Magnetic resonance (e.g., proton) imaging, abdomen; without contrast material(s)
74182	with contrast material(s)
74183	without contrast material(s), followed by with contrast material(s) and further sequences
74185	Magnetic resonance angiography, abdomen, with or without contrast material(s)
74190	Peritoneogram (e.g., after injection of air or contrast), radiological supervision and interpretation

**Gastrointestinal Tract**

74210	Radiologic examination; pharynx and/or cervical esophagus
74220	esophagus
74230	Swallowing function, with cineradiography/videoradiography
74235	Removal of foreign body(s), esophageal, with use of balloon catheter, radiological supervision and interpretation
74240	Radiologic examination, gastrointestinal tract, upper; with or without delayed films, without KUB
74241	with or without delayed films, with KUB
74245	with small intestine, includes multiple serial films



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Service

Code      Service Description

- 74246 Radiological examination, gastrointestinal tract, upper, air contrast, with specific high density barium, effervescent agent, with or without glucagon; with or without delayed films, without KUB
- 74247      with or without delayed films, with KUB
- 74249      with small intestine follow-through
- 74250 Radiologic examination, small intestine, includes multiple serial films
- 74251      via enteroclysis tube
- 74260 Duodenography, hypotonic
- 74270 Radiologic examination, colon; barium enema, with or without KUB
- 74280      air contrast with specific high density barium, with or without glucagon
- 74283 Therapeutic enema, contrast or air, for reduction of intussusception or other intraluminal obstruction (e.g., meconium ileus)
- 74290 Cholecystography, oral contrast
- 74291      additional or repeat examination or multiple day examination
- 74300 Cholangiography and/or pancreatography; intraoperative, radiological supervision and interpretation
- 74301      additional set intraoperative, radiological supervision and interpretation (List separately in addition to code for primary procedure.)
- 74305      through existing catheter, radiological supervision and interpretation
- 74320 Cholangiography, percutaneous, transhepatic, radiological supervision and interpretation
- 74327 Postoperative biliary duct calculus removal, percutaneous via T-tube tract, basket or snare (e.g., Burhenne technique), radiological supervision and interpretation
- 74330 Combined endoscopic catheterization of the biliary and pancreatic ductal systems, radiological supervision and interpretation
- 74340 Introduction of long gastrointestinal tube (e.g., Miller-Abbott), including multiple fluoroscopies and films, radiological supervision and interpretation
- 74355 Percutaneous placement of enteroclysis tube, radiological supervision and interpretation

**Urinary Tract**

- 74400 Urography (pyelography), intravenous, with or without KUB, with or without tomography
- 74410 Urography, infusion, drip technique and/or bolus technique
- 74415      with nephrotomography
- 74420 Urography, retrograde, with or without KUB
- 74425 Urography, antegrade (pyelostogram, nephrostogram, loopogram), radiological supervision and interpretation
- 74430 Cystography, minimum of three views, radiological supervision and interpretation
- 74440 Vasography, vesiculography, or epididymography, radiological supervision and interpretation
- 74445 Corpora cavernosography, radiological supervision and interpretation
- 74450 Urethrocystography, retrograde, radiological supervision and interpretation
- 74455 Urethrocystography, voiding, radiological supervision and interpretation
- 74470 Radiologic examination, renal cyst study, translumbar, contrast visualization, radiological supervision and interpretation

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Service

Code      Service Description

- 74475 Introduction of intracatheter or catheter into renal pelvis for drainage and/or injection, percutaneous, radiological supervision and interpretation  
 74480 Introduction of ureteral catheter or stent into ureter through renal pelvis for drainage and/or injection, percutaneous, radiological supervision and interpretation  
 74485 Dilation of nephrostomy, ureters, or urethra, radiological supervision and interpretation

**Gynecological and Obstetrical**

- 74710 Pelvimetry, with or without placental localization  
 74740 Hysterosalpingography, radiological supervision and interpretation  
 74742 Transcervical catheterization of fallopian tube, radiological supervision and interpretation  
 74775 Perineogram (e.g., vaginogram, for sex determination or extent of anomalies)

**Heart**

- 75557 Cardiac magnetic resonance imaging for morphology and function without contract material  
 75558      with flow/velocity quantification  
 75559      with stress imaging  
 75560      with flow/velocity quantification and stress  
 75561 Cardiac magnetic resonance imaging for morphology and function without contract material; followed by contrast material(s) and further sequences  
 75562      with flow/velocity quantification  
 75563      with stress imaging  
 75564      with flow/velocity quantification and stress  
 75600 Aortography, thoracic, without serialography, radiological supervision and interpretation

**Vascular Procedures**

**Aorta and Arteries**

- 75605 Aortography, thoracic, by serialography, radiological supervision and interpretation  
 75625 Aortography, abdominal, by serialography, radiological supervision and interpretation  
 75630 Aortography, abdominal plus bilateral iliofemoral lower extremity, catheter, by serialography, radiological supervision and interpretation  
 75650 Angiography, cervicocerebral, catheter, including vessel origin, radiological supervision and interpretation  
 75658 Angiography, brachial, retrograde, radiological supervision and interpretation  
 75660 Angiography, external carotid, unilateral, selective, radiological supervision and interpretation  
 75662 Angiography, external carotid, bilateral, selective, radiological supervision and interpretation  
 75665 Angiography, carotid, cerebral, unilateral, radiological supervision and interpretation  
 75671 Angiography, carotid, cerebral, bilateral, radiological supervision and interpretation  
 75676 Angiography, carotid, cervical, unilateral, radiological supervision and interpretation  
 75680 Angiography, carotid, cervical, bilateral, radiological supervision and interpretation

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Service

Code      Service Description

- 75685      Angiography, vertebral, cervical, and/or intracranial, radiological supervision and interpretation
- 75705      Angiography, spinal, selective, radiological supervision and interpretation
- 75710      Angiography, extremity, unilateral, radiological supervision and interpretation
- 75716      Angiography, extremity, bilateral, radiological supervision and interpretation
- 75722      Angiography, renal, unilateral, selective (including flush aortogram), radiological supervision and interpretation
- 75724      Angiography, renal, bilateral, selective (including flush aortogram), radiological supervision and interpretation
- 75726      Angiography, visceral, selective or supraseductive (with or without flush aortogram), radiological supervision and interpretation
- 75731      Angiography, adrenal, unilateral, selective, radiological supervision and interpretation
- 75733      Angiography, adrenal, bilateral, selective, radiological supervision and interpretation
- 75736      Angiography, pelvic, selective or supraseductive, radiological supervision and interpretation
- 75741      Angiography, pulmonary, unilateral, selective, radiological supervision and interpretation
- 75743      Angiography, pulmonary, bilateral, selective, radiological supervision and interpretation
- 75746      Angiography, pulmonary, by nonselective catheter or venous injection, radiological supervision and interpretation
- 75756      Angiography, internal mammary, radiological supervision and interpretation
- 75774      Angiography, selective, each additional vessel studied after basic examination, radiological supervision and interpretation (List separately in addition to code for primary procedure.)
- 75790      Angiography, arteriovenous shunt (e.g., dialysis patient), radiological supervision and interpretation

**Vein and Lymphatics**

- 75801      Lymphangiography, extremity only, unilateral, radiological supervision and interpretation
- 75803      Lymphangiography, extremity only, bilateral, radiological supervision and interpretation
- 75805      Lymphangiography, pelvic/abdominal, unilateral, radiological supervision and interpretation
- 75807      Lymphangiography, pelvic/abdominal, bilateral, radiological supervision and interpretation
- 75809      Shuntogram for investigation of previously placed indwelling nonvascular shunt (e.g., LeVeen shunt, ventriculoperitoneal shunt, indwelling infusion pump), radiological supervision and interpretation
- 75810      Splenoportography, radiological supervision and interpretation
- 75820      Venography, extremity, unilateral, radiological supervision and interpretation
- 75822      Venography, extremity, bilateral, radiological supervision and interpretation
- 75825      Venography, caval, inferior, with serialography, radiological supervision and interpretation
- 75827      Venography, caval, superior, with serialography, radiological supervision and interpretation
- 75831      Venography, renal, unilateral, selective, radiological supervision and interpretation
- 75833      Venography, renal, bilateral, selective, radiological supervision and interpretation
- 75840      Venography, adrenal, unilateral, selective, radiological supervision and interpretation
- 75842      Venography, adrenal, bilateral, selective, radiological supervision and interpretation
- 75860      Venography, venous sinus (e.g., petrosal and inferior saggital) or jugular, catheter, radiological supervision and interpretation

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Service

Code      Service Description

- 75870 Venography, superior sagittal sinus, radiological supervision and interpretation
- 75872 Venography, epidural, radiological supervision and interpretation
- 75880 Venography, orbital, radiological supervision and interpretation
- 75885 Percutaneous transhepatic portography with hemodynamic evaluation, radiological supervision and interpretation
- 75887 Percutaneous transhepatic portography without hemodynamic evaluation, radiological supervision and interpretation
- 75889 Hepatic venography, wedged or free, with hemodynamic evaluation, radiological supervision and interpretation
- 75891 Hepatic venography, wedged or free, without hemodynamic evaluation, radiological supervision and interpretation
- 75893 Venous sampling through catheter, with or without angiography (e.g., for parathyroid hormone, renin), radiological supervision and interpretation

**Transcatheter Procedures**

- 75898 Angiography through existing catheter for follow-up study for transcatheter therapy, embolization or infusion
- 75900 Exchange of a previously placed intravascular catheter during thrombolytic therapy with contrast monitoring, radiological supervision and interpretation
- 75901 Mechanical removal of pericatheter obstructive material (e.g., fibrin sheath) from central venous device via separate venous access, radiologic supervision and interpretation
- 75902 Mechanical removal of intraluminal (intracatheter) obstructive material from central venous device through device lumen, radiologic supervision and interpretation
- 75945 Intravascular ultrasound (non-coronary vessel), radiological supervision and interpretation; initial vessel
- 75946 each additional non-coronary vessel (List separately in addition to code for primary procedure.)

**Other Procedures**

- 76000 Fluoroscopy (separate procedure), up to one hour physician time, other than 71023 or 71034 (e.g., cardiac fluoroscopy)
- 76001 Fluoroscopy, physician time more than one hour, assisting a non-radiologic physician (e.g., nephrostolithotomy, ERCP, bronchoscopy, transbronchial biopsy)
- 76010 Radiologic examination from nose to rectum for foreign body, single view, child
- 76080 Radiologic examination, abscess, fistula or sinus tract study, radiological supervision and interpretation
- 76098 Radiological examination, surgical specimen
- 76100 Radiologic examination, single plane body section (e.g., tomography), other than with urography
- 76101 Radiologic examination, complex motion (i.e., hypercycloidal) body section (e.g., mastoid polytomography), other than with urography; unilateral

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Service

Code      Service Description

76102	bilateral
76120	Cineradiography/videoradiography, except where specifically included
76125	Cineradiography/videoradiography to complement routine examination (List separately in addition to code for primary procedure.)
76376	3D rendering with interpretation and reporting of computed tomography, magnetic resonance imaging, ultrasound, or other tomographic modality; not requiring image postprocessing on an independent workstation
76377	requiring image postprocessing on an independent station
76380	Computed tomography, limited or localized follow-up study
76499	Unlisted diagnostic radiographic procedure (IC)

**Diagnostic Ultrasound**

**Head and Neck**

76506	Echoencephalography, real time with image documentation (gray scale) (for determination of ventricular size, delineation of cerebral contents, and detection of fluid masses or other intracranial abnormalities), including A-mode encephalography as secondary component where indicated
76510	Ophthalmic ultrasound, diagnostic; B-scan and quantitative A-scan performed during the same patient encounter
76511	quantitative A-scan only
76512	B-scan (with or without superimposed non-quantitative A-scan)
76513	anterior segment ultrasound, immersion (water bath) B-scan or high resolution biomicroscopy
76514	corneal pachymetry, unilateral or bilateral (determination of corneal thickness)
76516	Ophthalmic biometry by ultrasound echography, A-scan
76519	with intraocular lens power calculation
76529	Ophthalmic ultrasonic foreign body localization
76536	Ultrasound, soft tissues of head and neck (e.g., thyroid, parathyroid, parotid), real time with image documentation

**Chest**

76604	Ultrasound, chest (includes mediastinum), real time with image documentation
76645	Ultrasound, breast(s) (unilateral or bilateral), real time with image documentation
76700	Ultrasound, abdominal real time with image documentation; complete
76705	limited (e.g., single organ, quadrant, follow-up)
76770	Ultrasound, retroperitoneal (e.g., renal, aorta, nodes), real time with image documentation; complete
76775	limited
76776	Ultrasound, transplanted kidney, real time and duplex Doppler with image documentation

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Service

Code      Service Description

**Spinal Canal**

76800      Ultrasound, spinal canal and contents604 Diagnostic Imaging Centers: Radiology Service Codes and Descriptions (cont.)

**Pelvis**

- 76801      Ultrasound, pregnant uterus, real time with image documentation, fetal and maternal evaluation, first trimester (<14 weeks 0 days), transabdominal approach; single or first gestation
- 76802      each additional gestation (List separately in addition to code for primary procedure.)
- 76805      Ultrasound, pregnant uterus, real time with image documentation, fetal and maternal evaluation, after first trimester (> or = 14 weeks 0 days), transabdominal approach; single or first gestation
- 76810      each additional gestation (List separately in addition to code for primary procedure.)
- 76811      Ultrasound, pregnant uterus, real time with image documentation, fetal and maternal evaluation plus detailed fetal anatomic examination, transabdominal approach; single or first gestation
- 76812      each additional gestation (List separately in addition to code for primary procedure.)
- 76813      Ultrasound, pregnant uterus,real time with image documentation, first trimester fetal nuchal translucency measurement, transabdominal or transvaginal approach; single of first gestation
- 76814      each additional gestation (List separately in addition to code for primary procedure.)
- 76815      Ultrasound, pregnant uterus, real time with image documentation, limited (e.g., fetal heart beat, placental location, fetal position and/or qualitative amniotic fluid volume), one or more fetuses
- 76816      Ultrasound, pregnant uterus, real time with image documentation, follow-up (e.g., reevaluation of fetal size by measuring standard growth parameters and amniotic fluid volume, reevaluation of organ system(s) suspected or confirmed to be abnormal on a previous scan), transabdominal approach, per fetus
- 76817      Ultrasound, pregnant uterus, real time with image documentation, transvaginal
- 76818      Fetal biophysical profile; with non-stress testing
- 76820      Doppler velocimetry, fetal; umbilical artery
- 76821      middle cerebral artery
- 76825      Echocardiography, fetal, cardiovascular system, real time with image documentation (2D), with or without M-mode recording;
- 76826      follow-up or repeat study
- 76827      Doppler echocardiography, fetal, cardiovascular system, pulsed wave and/or continuous wave with spectral display; complete
- 76828      follow-up or repeat study
- 76830      Ultrasound, transvaginal
- 76831      Saline infusion sonohysterography (SIS), including color flow Doppler, when performed
- 76856      Ultrasound, pelvic (nonobstetric), real time with image documentation; complete
- 76857      limited or follow-up (e.g., for follicles)

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Service

Code      Service Description

**Genitalia**

- 76870      Ultrasound, scrotum and contents
- 76872           transrectal;
- 76873           prostate volume study for brachytherapy treatment planning (separate procedure)

**Extremities**

- 76880      Ultrasound, extremity, non-vascular, real time with image documentation
- 76885      Ultrasound, infant hips, real time with imaging documentation; dynamic (requiring physician manipulation)
- 76886           limited, static (not requiring physician manipulation)

**Ultrasonic Guidance Procedures**

- 76937      Ultrasound guidance for vascular access requiring ultrasound evaluation of potential access sites, documentation of selected vessel patency, concurrent real time ultrasound visualization of vascular needle entry, with permanent recording and reporting (List separately in addition to code for primary procedure.)
- 76942      Ultrasonic guidance for needle placement (e.g., biopsy, aspiration, injection, localization device), imaging supervision and interpretation
- 76945      Ultrasonic guidance for chorionic villus sampling, imaging supervision and interpretation
- 76946      Ultrasonic guidance for amniocentesis, imaging supervision and interpretation
- 76948      Ultrasonic guidance for aspiration of ova, imaging supervision and interpretation
- 76950      Ultrasonic guidance for placement of radiation therapy fields
- 76965      Ultrasonic guidance for interstitial radioelement application

**Other Procedures**

- 76970      Ultrasound study follow-up (specify)
- 76977      Ultrasound bone density measurement and interpretation, peripheral site(s), any method
- 76999      Unlisted ultrasound procedure (e.g., diagnostic, interventional) (IC)

**Radiologic Guidance**

**Fluoroscopic Guidance**

- 77001      Fluoroscopic guidance for central venous access device placement, replacement (catheter only or complete), or removal (includes fluoroscopic guidance for vascular access and catheter manipulation, any necessary contrast injections through access site or catheter with related venography radiologic supervision and interpretation, and radiographic documentation of final catheter position) (List separately in addition to code for primary procedure.)
- 77002      Fluoroscopic guidance for needle placement (e.g., biopsy, aspiration, injection, localization device)

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Service

Code      Service Description

77003      Fluoroscopic guidance and localization of needle or catheter tip for spine or paraspinous diagnostic or therapeutic injection procedures (epidural, transforaminal epidural, subarachnoid, paravertebral facet joint, paravertebral facet joint nerve, or sacroiliac joint), including neurolytic agent

**Computed Tomography Guidance**

77011      Computed tomography guidance for sterotactic localization  
 77012      Computed tomography guidance for needle placement (e.g., biopsy, aspiration, injection, localization device), radiologic supervision and interpretation  
 77013      Computed tomography guidance for, and monitoring of, parenchymal tissue ablation  
 77014      Computed tomography guidance for placement of radiation therapy fields

**Magnetic Resonance Guidance**

77021      Magnetic resonance guidance for needle placement (e.g., for biopsy, needle aspiration, injection, or placement of localization device) radiological supervision and interpretation  
 77022      Magnetic resonance guidance for, and monitoring of, parenchymal tissue ablation

**Breast Mammography**

77051      Computer-aided detection (computer algorithm analysis of digital image data for lesion detection) with further physician review for interpretation, with or without digitization of film radiographic images; diagnostic mammography (List separately in addition to code for primary procedure.)  
 77052      screening mammography (List separately in addition to code for primary procedure.)  
 77053      Mammary ductogram or galactogram, single duct, radiological supervision and interpretation  
 77054      Mammary ductogram or galactogram, multiple ducts, radiological supervision and interpretation  
 77055      Mammography; unilateral  
 77056      bilateral  
 77057      Screening mammography, bilateral (two-view film study of each breast)  
 77058      Magnetic resonance imaging, breast, without and/or with contrast material(s); unilateral (P.A.)  
 77059      bilateral (P.A.)

**Bone/Joint Studies**

77071      Manual application of stress performed by physician for joint radiography, including contralateral joint if indicated  
 77072      Bone age studies  
 77073      Bone length studies (orthoroentgenogram, scanogram)  
 77074      Radiologic examination, osseous survey; limited (e.g., for metastases)  
 77075      complete (axial and appendicular skeleton)  
 77076      Radiologic examination, osseous survey, infant



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604 Diagnostic Imaging Centers: Radiology Service Codes and Descriptions (cont.)

Service

Code      Service Description

- 77077      Joint survey, single view, two or more joints (specify)
- 77078      Computed tomography, bone mineral density study, one or more sites; axial skeleton (e.g., hips, pelvis, spine)
- 77079           appendicular skeleton (peripheral) (e.g., radius, wrist, heel)
- 77080      Dual-energy x-ray absorptiometry (DXA), bone density study, one or more sites; axial skeleton (e.g., hips, pelvis, spine)
- 77081           appendicular skeleton (peripheral) (e.g., radius, wrist, heel)
- 77082           vertebral fracture assessment
- 77083      Radiographic absorptiometry (e.g., photodensitometry, radiogrammetry), one or more sites

**Nuclear Medicine**

**Endocrine System**

- 78000      Thyroid uptake; single determination
- 78001           multiple determinations
- 78003           stimulation, suppression or discharge (not including initial uptake studies)
- 78006      Thyroid imaging, with uptake; single determination
- 78007           multiple determinations
- 78010      Thyroid imaging; only
- 78011           with vascular flow
- 78015      Thyroid carcinoma metastases imaging; limited area (e.g., neck and chest only)
- 78016           with additional studies (e.g., urinary recovery)
- 78018           whole body
- 78020      Thyroid carcinoma metastases uptake (List separately in addition to code for primary procedure.)
- 78070      Parathyroid imaging
- 78075      Adrenal imaging, cortex and/or medulla
- 78099      Unlisted endocrine procedure, diagnostic nuclear medicine (IC)

**Hematopoietic, Reticuloendothelial and Lymphatic System**

- 78102      Bone marrow imaging; limited area
- 78103           multiple areas
- 78104           whole body
- 78110      Plasma volume, radiopharmaceutical volume-dilution technique (separate procedure); single sampling
- 78111           multiple samplings
- 78120      Red cell volume determination (separate procedure); single sampling
- 78121           multiple samplings
- 78122      Whole blood volume determination, including separate measurement of plasma volume and red cell volume (radiopharmaceutical volume-dilution technique)
- 78130      Red cell survival study;
- 78135           differential organ/tissue kinetics (e.g., splenic and/or hepatic sequestration)
- 78140      Labeled red cell sequestration, differential organ/tissue (e.g., splenic and/or hepatic)

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604 Diagnostic Imaging Centers: Radiology Service Codes and Descriptions (cont.)

Service

Code      Service Description

- 78185      Spleen imaging only, with or without vascular flow
- 78190      Kinetics, study of platelet survival, with or without differential organ/tissue localization
- 78191      Platelet survival study
- 78195      Lymphatics and lymph nodes imaging
- 78199      Unlisted hematopoietic, reticuloendothelial and lymphatic procedure, diagnostic nuclear medicine (IC)

**Gastrointestinal System**

- 78201      Liver imaging; static only
- 78202          with vascular flow
- 78205      Liver imaging (SPECT);
- 78206          with vascular flow
- 78215      Liver and spleen imaging; static only
- 78216          with vascular flow
- 78220      Liver function study with hepatobiliary agents, with serial images
- 78223      Hepatobiliary ductal system imaging, including gallbladder, with or without pharmacologic intervention, with or without quantitative measurement of gallbladder function
- 78230      Salivary gland imaging;
- 78231          with serial images
- 78232      Salivary gland function study
- 78258      Esophageal motility
- 78261      Gastric mucosa imaging
- 78262      Gastroesophageal reflux study
- 78264      Gastric emptying study
- 78270      Vitamin B-12 absorption study (e.g., Schilling test); without intrinsic factor
- 78271          with intrinsic factor
- 78272      Vitamin B-12 absorption studies combined, with and without intrinsic factor
- 78278      Acute gastrointestinal blood loss imaging
- 78282      Gastrointestinal protein loss (IC)
- 78290      Intestine imaging (e.g., ectopic gastric mucosa, Meckel's localization, volvulus)
- 78291      Peritoneal-venous shunt patency test (e.g., for LeVeen, Denver shunt)
- 78299      Unlisted gastrointestinal procedure, diagnostic nuclear medicine (IC)

**Musculoskeletal System**

- 78300      Bone and/or joint imaging; limited area
- 78305          multiple areas
- 78306          whole body
- 78315          three phase study
- 78320          tomographic (SPECT)
- 78350      Bone density (bone mineral content) study, one or more sites; single photon absorptiometry

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604 Diagnostic Imaging Centers: Radiology Service Codes and Descriptions (cont.)

Service

Code    Service Description

78399    Unlisted musculoskeletal procedure, diagnostic nuclear medicine (IC)

**Cardiovascular System**

78414    Determination of central c-v hemodynamics (non-imaging) (e.g., ejection fraction with probe technique) with or without pharmacologic intervention or exercise, single or multiple determinations (IC)

78428    Cardiac shunt detection

78445    Non-cardiac vascular flow imaging (i.e., angiography, venography)

78456    Acute venous thrombosis imaging, peptide

78457    Venous thrombosis imaging, venogram; unilateral

78458          bilateral

78459    Myocardial imaging, positron emission tomography (PET), metabolic evaluation

78460    Myocardial perfusion imaging; (planar) single study, at rest or stress (exercise and/or pharmacologic), with or without quantification

78461    multiple studies, (planar) at rest and/or stress (exercise and/or pharmacologic), and redistribution and/or rest injection, with or without quantification

78464    tomographic (SPECT), single study at rest or stress (exercise and/or pharmacologic), with or without quantification

78465    tomographic (SPECT), multiple studies, (including attenuation correction when performed), at rest and/or stress (exercise and/or pharmacologic) and redistribution and/or rest injection, with or without quantification

78466    Myocardial imaging, infarct avid, planar; qualitative or quantitative

78468    with ejection fraction by first pass technique

78469    tomographic SPECT with or without quantification

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    multiple studies, wall motion study plus ejection fraction, at rest and stress (exercise and/or pharmacologic), with or without additional quantification

78478    Myocardial perfusion study with wall motion, qualitative or quantitative study (List separately in addition to code for primary procedure.)

78480    Myocardial perfusion study with ejection fraction (List separately in addition to code for primary procedure.)

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    multiple studies, at rest and with stress (exercise and/or pharmacologic), wall motion study plus ejection fraction, with or without quantification

78491    Myocardial imaging, positron emission tomography (PET), perfusion; single study at rest or stress

78492    multiple studies at rest and/or stress

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604 Diagnostic Imaging Centers: Radiology Service Codes and Descriptions (cont.)

Service

Code      Service Description

- 78494      Cardiac blood pool imaging, gated equilibrium, SPECT, at rest, wall motion study plus ejection fraction, with or without quantitative processing
- 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.)
- 78499      Unlisted cardiovascular procedure, diagnostic nuclear medicine (IC)

**Respiratory System**

- 78580      Pulmonary perfusion imaging; particulate
- 78584      Pulmonary perfusion imaging, particulate, with ventilation; single breath
- 78585           rebreathing and washout, with or without single breath
- 78586      Pulmonary ventilation imaging, aerosol; single projection
- 78587           multiple projections (e.g., anterior, posterior, lateral views)
- 78588      Pulmonary perfusion imaging, particulate, with ventilation imaging, aerosol, one or multiple projections
- 78591      Pulmonary ventilation imaging, gaseous, single breath, single projection
- 78593      Pulmonary ventilation imaging, gaseous, with rebreathing and washout with or without single breath; single projection
- 78594           multiple projections (e.g., anterior, posterior, lateral views)
- 78596      Pulmonary quantitative differential function (ventilation/perfusion) study
- 78599      Unlisted respiratory procedure, diagnostic nuclear medicine (IC)

**Nervous System**

- 78600      Brain imaging, less than four static views;
- 78601           with vascular flow
- 78605      Brain imaging, minimum four static views;
- 78607           tomographic (SPECT)
- 78608      Brain imaging, positron emission tomography (PET); metabolic evaluation
- 78609           perfusion evaluation
- 78610      Brain imaging, vascular flow only
- 78630      Cerebrospinal fluid flow, imaging (not including introduction of material); cisternography
- 78635           ventriculography
- 78645           shunt evaluation
- 78647           tomographic (SPECT)
- 78650      Cerebrospinal fluid leakage detection and localization
- 78660      Radiopharmaceutical dacryocystography
- 78699      Unlisted nervous system procedure, diagnostic nuclear medicine (IC)

**Genitourinary System**

- 78700      Kidney imaging morphology;
- 78701           with vascular flow
- 78707           with vascular flow and function, single study without pharmacological intervention

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604 Diagnostic Imaging Centers: Radiology Service Codes and Descriptions (cont.)

Service

Code      Service Description

- 78708      with vascular flow and function, single study, with pharmacological intervention (e.g., angiotensin converting enzyme inhibitor and/or diuretic)
- 78709      with vascular flow and function, multiple studies, with and without pharmacological intervention (e.g., angiotensin converting enzyme inhibitor and/or diuretic)
- 78710      Kidney imaging morphology, tomographic (SPECT)
- 78725      Kidney function study, non-imaging radioisotopic study
- 78730      Urinary bladder residual study (List separately in addition to code for primary procedure.)
- 78740      Ureteral reflux study (radiopharmaceutical voiding cystogram)
- 78761      Testicular imaging with vascular flow
- 78799      Unlisted genitourinary procedure, diagnostic nuclear medicine (IC)

**Other Procedures**

- 78800      Radiopharmaceutical localization of tumor or distribution of radiopharmaceutical agent(s); limited area
- 78801      multiple areas
- 78802      whole body, single day imaging
- 78803      tomographic (SPECT)
- 78804      whole body, requiring two or more days imaging
- 78805      Radiopharmaceutical localization of inflammatory process; limited area
- 78806      whole body
- 78807      tomographic (SPECT)
- 78811      Positron emission tomography (PET) imaging; limited area (e.g. chest, head/neck)
- 78812      skull base to mid-thigh
- 78813      whole body
- 78814      Positron emission tomography (PET) with concurrently acquired computed tomography (CT) for attenuation correction and anatomical localization; limited area (e.g. chest, head/neck)
- 78815      skull base to mid-thigh
- 78816      whole body
- 78999      Unlisted miscellaneous procedure, diagnostic nuclear medicine (IC)

**Cardiovascular**

**Cardiography**

- 93000      Electrocardiogram, routine ECG with at least 12 leads; with interpretation and report
- 93005      tracing only, without interpretation and report
- 93010      interpretation and report only
- 93012      Telephonic transmission of post-symptom electrocardiogram rhythm strip(s), 24-hour attended monitoring, per 30-day period of time; tracing only
- 93014      physician review with interpretation and report only

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604 Diagnostic Imaging Centers: Radiology Service Codes and Descriptions (cont.)

Service

Code      Service Description

93015	Cardiovascular stress test using maximal or submaximal treadmill or bicycle exercise, continuous electrocardiographic monitoring, and/or pharmacological stress; with physician supervision, with interpretation and report
93016	Cardiovascular stress test using maximal or submaximal treadmill or bicycle exercise, continuous electrocardiographic monitoring, and/or pharmacological stress; physician supervision only, without interpretation and report
93017	tracing only, without interpretation and report
93018	interpretation and report only
93024	Ergonovine provocation test
93025	Microvolt T-wave alternans for assessment of ventricular arrhythmias
93040	Rhythm ECG, one to three leads; with interpretation and report
93041	tracing only without interpretation and report
93042	interpretation and report only
93224	Electrocardiographic monitoring for 24 hours by continuous original ECG waveform recording and storage, with visual superimposition scanning; includes recording, scanning analysis with report, physician review and interpretation
93225	recording (includes hook-up, recording, and disconnection)
93226	scanning analysis with report
93227	physician review and interpretation
93230	Electrocardiographic monitoring for 24 hours by continuous original ECG waveform recording and storage without superimposition scanning utilizing a device capable of producing a full miniaturized printout; includes recording, microprocessor-based analysis with report, physician review and interpretation
93231	recording (includes hook-up, recording, and disconnection)
93232	microprocessor-based analysis with report
93233	physician review and interpretation
93235	Electrocardiographic monitoring for 24 hours by continuous computerized monitoring and non-continuous recording, and real-time data analysis utilizing a device capable of producing intermittent full-sized waveform tracings, possibly patient activated; includes monitoring and real-time data analysis with report, physician review and interpretation
93236	monitoring and real-time data analysis with report
93237	Electrocardiographic monitoring for 24 hours by continuous computerized monitoring and non-continuous recording, and real-time data analysis utilizing a device capable of producing intermittent full-sized waveform tracings, possibly patient activated; physician review and interpretation
93268	Patient demand single or multiple event recording with presymptom memory loop, 24-hour attended monitoring, per 30-day period of time; includes transmission, physician review and interpretation
93270	recording (includes hook-up, recording, and disconnection)
93271	monitoring, receipt of transmissions, and analysis
93272	physician review and interpretation only
93278	Signal-averaged electrocardiography (SAECG), with or without ECG

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604 Diagnostic Imaging Centers: Radiology Service Codes and Descriptions (cont.)

Service

Code      Service Description

**Echocardiography**

- 93303      Transthoracic echocardiography for congenital cardiac anomalies; complete
- 93304      follow-up or limited study
- 93307      complete
- 93308      follow-up or limited study
- 93312      Echocardiography, transesophageal, real-time with image documentation (2D) (with or without M-mode recording); including probe placement, image acquisition, interpretation and report
- 93313      placement of transesophageal probe only
- 93314      image acquisition, interpretation and report only
- 93315      Transesophageal echocardiography for congenital cardiac anomalies; including probe placement, image acquisition, interpretation and report
- 93316      placement of transesophageal probe only
- 93317      image acquisition, interpretation and report only
- 93318      Echocardiography, transesophageal (TEE) for monitoring purposes, including probe placement, real time two-dimensional image acquisition and interpretation leading to ongoing (continuous) assessment of (dynamically changing) cardiac pumping function and to therapeutic measures on an immediate time basis
- 93320      Doppler echocardiography, pulsed wave and/or continuous wave with spectral display (List separately in addition to codes for echocardiographic imaging); complete
- 93321      follow-up or limited study (List separately in addition to codes for echocardiographic imaging)
- 93325      Doppler echocardiography color flow velocity mapping (List separately in addition to codes for echocardiography.)
- 93350      Echocardiography, transthoracic, real-time with image documentation (2D), with or without M-mode recording, during rest and cardiovascular stress test using treadmill, bicycle exercise and/or pharmacologically induced stress, with interpretation and report

**Other Vascular Studies**

- 93724      Electronic analysis of antitachycardia pacemaker system (includes electrocardiographic recording, programming of device, induction and termination of tachycardia via implanted pacemaker, and interpretation of recordings)
- 93727      Electronic analysis of implantable loop recorder (ILR) system (includes retrieval of recorded and stored ECG data, physician review and interpretation of retrieved ECG data and reprogramming)
- 93731      Electronic analysis of dual-chamber pacemaker system (includes evaluation of programmable parameters at rest and during activity where applicable, using electrocardiographic recording and interpretation of recordings at rest and during exercise, analysis of event markers and device response); without reprogramming
- 93732      with reprogramming
- 93733      Electronic analysis of dual chamber internal pacemaker system (may include rate, pulse amplitude and duration, configuration of wave form, and/or testing of sensory function of pacemaker), telephonic analysis

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604 Diagnostic Imaging Centers: Radiology Service Codes and Descriptions (cont.)

Service

Code      Service Description

- 93734      Electronic analysis of single chamber pacemaker system (includes evaluation of programmable parameters at rest and during activity where applicable, using electrocardiographic recording and interpretation of recordings at rest and during exercise, analysis of event markers and device response); without reprogramming
- 93735      with reprogramming
- 93736      Electronic analysis of single chamber internal pacemaker system (may include rate, pulse amplitude and duration, configuration of wave form, and/or testing of sensory function of pacemaker), telephonic analysis
- 93740      Temperature gradient studies
- 93741      Electronic analysis of pacing cardioverter-defibrillator (includes interrogation, evaluation of pulse generator status, evaluation of programmable parameters at rest and during activity where applicable, using electrocardiographic recording and interpretation of recordings at rest and during exercise, analysis of event markers and device response); single chamber or wearable cardioverter-defibrillator system, without reprogramming
- 93742      with reprogramming
- 93743      dual chamber, without reprogramming
- 93744      dual chamber, with reprogramming
- 93745      Initial set-up and programming by a physician of wearable cardioverter-defibrillator includes initial programming of system, establishing baseline electronic ECG, transmission of data to data repository, patient instruction in wearing system and patient reporting of problems or events (IC)
- 93784      Ambulatory blood pressure monitoring, utilizing a system such as magnetic tape and/or computer disk, for 24 hours or longer; including recording, scanning analysis, interpretation and report
- 93786      recording only
- 93788      scanning analysis with report
- 93790      physician review with interpretation and report

**Other Procedures**

- 93797      Physician services for outpatient cardiac rehabilitation; without continuous ECG monitoring (per session)
- 93798      with continuous ECG monitoring (per session)
- 93799      Unlisted cardiovascular service or procedure (IC)

**Non-Invasive Vascular Diagnostic Studies**

**Cerebrovascular Arterial Studies**

- 93875      Non-invasive physiologic studies of extracranial arteries, complete bilateral study (e.g., periorbital flow direction with arterial compression, ocular pneumoplethysmography, Doppler ultrasound spectral analysis)



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604 Diagnostic Imaging Centers: Radiology Service Codes and Descriptions (cont.)

Service

Code      Service Description

- 93880 Duplex scan of extracranial arteries; complete bilateral study
- 93882      unilateral or limited study
- 93886 Transcranial Doppler study of the intracranial arteries; complete study
- 93888      limited study
- 93890      vasoreactivity study
- 93892      emboli detection without intravenous microbubble injection
- 93893      emboli detection with intravenous microbubble injection

**Extremity Arterial Studies (Including Digits)**

- 93922 Non-invasive physiologic studies of upper or lower extremity arteries, single level, bilateral (e.g., ankle/brachial indices, Doppler waveform analysis, volume plethysmography, transcutaneous oxygen tension measurement)
- 93923 Non-invasive physiologic studies of upper or lower extremity arteries, multiple levels or with provocative functional maneuvers, complete bilateral study (e.g., segmental blood pressure measurements, segmental Doppler waveform analysis, segmental volume plethysmography, segmental transcutaneous oxygen tension measurements, measurements with postural provocative tests, measurements with reactive hyperemia)
- 93924 Non-invasive physiologic studies of lower extremity arteries, at rest and following treadmill stress testing, complete bilateral study
- 93925 Duplex scan of lower extremity arteries or arterial bypass grafts; complete bilateral study
- 93926      unilateral or limited study
- 93930 Duplex scan of upper extremity arteries or arterial bypass grafts; complete bilateral study
- 93931      unilateral or limited study

**Special EEG Tests**

- 95950 Monitoring for identification and lateralization of cerebral seizure focus, electroencephalographic (eg, 8 channel EEG) recording and interpretation, each 24 hours
- 95951 Monitoring for localization of cerebral seizure focus by cable or radio, 16 or more channel telemetry, combined electroencephalographic (EEG) and video recording and interpretation (eg, for presurgical localization), each 24 hours
- 95953 Monitoring for localization of cerebral seizure focus by computerized portable 16 or more channel EEG, electroencephalographic (EEG) recording and interpretation, each 24 hours
- 95956 Monitoring for localization of cerebral seizure focus by cable or radio, 16 or more channel telemetry, electroencephalographic (EEG) recording and interpretation, each 24 hours

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604 Diagnostic Imaging Centers: Radiology Service Codes and Descriptions (cont.)

Service

Code      Service Description

**Extremity Venous Studies (Including Digits)**

- 93965      Non-invasive physiologic studies of extremity veins, complete bilateral study (e.g., Doppler waveform analysis with responses to compression and other maneuvers, phleborheography, impedance plethysmography)
- 93970      Duplex scan of extremity veins including responses to compression and other maneuvers; complete bilateral study
- 93971      unilateral or limited study

**Visceral and Penile Vascular Studies**

- 93975      Duplex scan of arterial inflow and venous outflow of abdominal, pelvic, scrotal contents and/or retroperitoneal organs; complete study
- 93976      limited study
- 93978      Duplex scan of aorta, inferior vena cava, iliac vasculature, or bypass grafts; complete study
- 93979      unilateral or limited study
- 93980      Duplex scan of arterial inflow and venous outflow of penile vessels; complete study
- 93981      follow-up or limited study

**Visceral and Penile Vascular Studies**

- 93990      Duplex scan of hemodialysis access (including arterial inflow, body of access and venous outflow)

**Supplies for Radiologic Procedures**

- A4641      Radiopharmaceutical, diagnostic, not otherwise classified (IC)

**Administrative, Miscellaneous and Investigational**

- A9500      Technetium Tc-99m sestamibi, diagnostic, per study dose, up to 40 millicuries (IC)
- A9502      Technetium Tc-99m tetrofosmin, diagnostic, per study dose, up to 40 millicuries (IC)
- A9503      Technetium Tc-99m medronate, diagnostic, per study, up to 30 millicuries (IC)
- A9505      Thallium Tl-201 thallos chloride, diagnostic, per millicurie (IC)
- A9512      Technetium Tc-99m pertechnetate, diagnostic, per millicurie (IC)
- A9537      Technetium Tc-99m mebrofenin, diagnostic, per study dose, up to 15 millicuries (IC)

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605 Mammography Vans: Radiology Service Codes and Descriptions

Service

Code      Service Description

**Radiologic Guidance**

**Breast Mammography**

- 77051      Computer-aided detection (computer algorithm analysis of digital image data for lesion detection) with further physician review for interpretation, with or without digitization of film radiographic images; diagnostic mammography (List separately in addition to code for primary procedure.)
- 77052      screening mammography (List separately in addition to code for primary procedure.)
- 77053      Mammary ductogram or galactogram, single duct, radiological supervision and interpretation
- 77054      Mammary ductogram or galactogram, multiple ducts, radiological supervision and interpretation
- 77055      Mammography; unilateral
- 77056                   bilateral
- 77057      Screening mammography, bilateral (two-view film study of each breast)

**Diagnostic Ultrasound**

**Chest**

- 76645      Ultrasound, breast(s) (unilateral or bilateral), real time with image documentation

606 Sleep Centers: Radiology Service Codes and Descriptions

Service

Code      Service Description

**Neurology and Neuromuscular Procedures**

**Sleep Studies**

- 95805      Multiple sleep latency or maintenance of wakefulness testing, recording, analysis and interpretation of physiological measurements of sleep during multiple trials to assess sleepiness
- 95806      Sleep study, simultaneous recording of ventilation, respiratory effort, ECG or heart rate, and oxygen saturation, unattended by a technologist
- 95807      Sleep study, simultaneous recording of ventilation, respiratory effort, ECG or heart rate, and oxygen saturation, attended by a technologist
- 95808      Polysomnography; sleep staging with one to three additional parameters of sleep, attended by a technologist
- 95810      Polysomnography; sleep staging with four or more additional parameters of sleep, attended by a technologist
- 95811      Polysomnography; sleep staging with four or more additional parameters of sleep, with initiation of continuous positive airway pressure therapy or bilevel ventilation, attended by a technologist