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MASSHEALTH
TRANSMITTAL LETTER IDTF-2
December 2006

TO: Independent Diagnostic Testing Facility (IDTF) Providers Participating in MassHealth
FROM: Beth Waldman, Medicaid Director *BW*
RE: *Independent Diagnostic Testing Facility Manual (2007 HCPCS Codes)*

This letter transmits revisions to the service codes in the *Independent Diagnostic Testing Facility (IDTF)* manual. The Centers for Medicare and Medicaid Services (CMS) have revised the Healthcare Common Procedure Coding System (HCPCS) for 2007. The revised Subchapter 6 is effective for dates of service on or after January 1, 2007.

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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(The pages listed here are no longer in effect.)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-1

Commonwealth of Massachusetts MassHealth Provider Manual Series Independent Diagnostic Testing Facility Manual	Subchapter Number and Title Table of Contents	Page vi
	Transmittal Letter IDTF-2	Date 01/01/07

6. Service Codes and Descriptions

Portable X-Ray: Radiology Service Codes and Descriptions	6-1
Freestanding Magnetic Resonance Imaging (FMRI): Radiology Service Codes and Descriptions	6-5
Diagnostic Imaging Centers: Radiology Service Codes and Descriptions	6-8
Mammography Vans: Radiology Service Codes and Descriptions	6-31
Sleep Centers: Radiology Service Codes and Descriptions	6-32
Appendix A. Directory	A-1
Appendix B. Enrollment Centers	B-1
Appendix C. Third-Party-Liability Codes	C-1
Appendix W. EPSDT Services: Medical Protocol and Periodicity Schedule.....	W-1
Appendix X. Family Assistance Copayments and Deductibles.....	X-1
Appendix Y. REVS/Codes Messages	Y-1
Appendix Z. EPSDT Services Laboratory Codes	Z-1

Commonwealth of Massachusetts MassHealth Provider Manual Series Independent Diagnostic Testing Facility Manual	Subchapter Number and Title 6. Service Codes and Descriptions	Page 6-1
	Transmittal Letter IDTF-2	Date 01/01/07

601 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 Orthopantomogram
- 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

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

Commonwealth of Massachusetts MassHealth Provider Manual Series Independent Diagnostic Testing Facility Manual	Subchapter Number and Title 6. Service Codes and Descriptions	Page 6-2
	Transmittal Letter IDTF-2	Date 01/01/07

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

Service
Code

Service Description

- 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 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
- 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
- 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

Commonwealth of Massachusetts MassHealth Provider Manual Series Independent Diagnostic Testing Facility Manual	Subchapter Number and Title 6. Service Codes and Descriptions	Page 6-3
	Transmittal Letter IDTF-2	Date 01/01/07

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

Service
Code

Service Description

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, sacroliac 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
 73630 complete, minimum of three views

Commonwealth of Massachusetts MassHealth Provider Manual Series Independent Diagnostic Testing Facility Manual	Subchapter Number and Title 6. Service Codes and Descriptions	Page 6-4
	Transmittal Letter IDTF-2	Date 01/01/07

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

Service
Code

Service Description

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
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
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

Commonwealth of Massachusetts MassHealth Provider Manual Series Independent Diagnostic Testing Facility Manual	Subchapter Number and Title 6. Service Codes and Descriptions	Page 6-5
	Transmittal Letter IDTF-2	Date 01/01/07

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

Service
Code

Service Description

Head and Neck

- 70336 Magnetic resonance (e.g., proton) imaging, temporomandibular joint(s) (P.A.)
- 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
- 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
- 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

Commonwealth of Massachusetts MassHealth Provider Manual Series Independent Diagnostic Testing Facility Manual	Subchapter Number and Title 6. Service Codes and Descriptions	Page 6-6
	Transmittal Letter IDTF-2	Date 01/01/07

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

- 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 materials
73219 with contrast material(s)
73220 Magnetic resonance (e.g., proton) imaging, upper extremity, other than joint; 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

- 75552 Cardiac magnetic resonance imaging for morphology; without contrast material
75553 with contrast material
75554 Cardiac magnetic resonance imaging for function, with or without morphology; complete study
75555 limited study
75556 Cardiac magnetic resonance imaging for velocity flow mapping

Radiologic Guidance

Magnetic Resonance Guidance

- 77021 Magnetic resonance guidance for needle placement (eg, 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

Commonwealth of Massachusetts MassHealth Provider Manual Series Independent Diagnostic Testing Facility Manual	Subchapter Number and Title 6. Service Codes and Descriptions	Page 6-7
	Transmittal Letter IDTF-2	Date 01/01/07

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

Service

Code Service Description

Breast Mammography

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

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) (P.A.)
 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

Commonwealth of Massachusetts MassHealth Provider Manual Series Independent Diagnostic Testing Facility Manual	Subchapter Number and Title 6. Service Codes and Descriptions	Page 6-8
	Transmittal Letter IDTF-2	Date 01/01/07

603 Diagnostic Imaging Centers: Radiology Service Codes and Descriptions

Service
Code

Service Description

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
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
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

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

Commonwealth of Massachusetts MassHealth Provider Manual Series Independent Diagnostic Testing Facility Manual	Subchapter Number and Title 6. Service Codes and Descriptions	Page 6-9
	Transmittal Letter IDTF-2	Date 01/01/07

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

Service
Code

Service Description

- 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
- 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)

Commonwealth of Massachusetts MassHealth Provider Manual Series Independent Diagnostic Testing Facility Manual	Subchapter Number and Title 6. Service Codes and Descriptions	Page 6-10
	Transmittal Letter IDTF-2	Date 01/01/07

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

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 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

Commonwealth of Massachusetts MassHealth Provider Manual Series Independent Diagnostic Testing Facility Manual	Subchapter Number and Title 6. Service Codes and Descriptions	Page 6-11
	Transmittal Letter IDTF-2	Date 01/01/07

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

Service
Code

Service Description

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	Magnetic resonance (e.g., proton) imaging, upper extremity, other than joint; 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
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)

Commonwealth of Massachusetts MassHealth Provider Manual Series	Subchapter Number and Title 6. Service Codes and Descriptions	Page 6-12
	Transmittal Letter IDTF-2	Date 01/01/07

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

Service
Code

Service Description

- 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 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)

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
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

Commonwealth of Massachusetts MassHealth Provider Manual Series Independent Diagnostic Testing Facility Manual	Subchapter Number and Title 6. Service Codes and Descriptions	Page 6-13
	Transmittal Letter IDTF-2	Date 01/01/07

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

Service

Code Service Description

- 74280 air contrast with specific high density barium, with or without glucagons
- 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
- 74350 Percutaneous placement of gastrostomy tube, 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 Urethrocytography, retrograde, radiological supervision and interpretation
- 74455 Urethrocytography, voiding, radiological supervision and interpretation
- 74470 Radiologic examination, renal cyst study, translumbar, contrast visualization, radiological supervision and interpretation
- 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

Commonwealth of Massachusetts MassHealth Provider Manual Series Independent Diagnostic Testing Facility Manual	Subchapter Number and Title 6. Service Codes and Descriptions	Page 6-14
	Transmittal Letter IDTF-2	Date 01/01/07

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

Service
Code

Service Description

- 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

- 75552 Cardiac magnetic resonance imaging for morphology; without contrast material
 75553 with contrast material
 75554 Cardiac magnetic resonance imaging for function, with or without morphology; complete study
 75555 limited study
 75556 Cardiac magnetic resonance imaging for velocity flow mapping (I.C.)
 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
 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

Commonwealth of Massachusetts MassHealth Provider Manual Series Independent Diagnostic Testing Facility Manual	Subchapter Number and Title 6. Service Codes and Descriptions	Page 6-15
	Transmittal Letter IDTF-2	Date 01/01/07

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

Service
Code

Service Description

- 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
 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

Commonwealth of Massachusetts MassHealth Provider Manual Series Independent Diagnostic Testing Facility Manual	Subchapter Number and Title 6. Service Codes and Descriptions	Page 6-16
	Transmittal Letter IDTF-2	Date 01/01/07

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

Service

Code Service Description

Transcatheter Procedures

- 75898 Angiography through existing catheter for follow-up study for transcatheter therapy, embolization or infusion
- 75900 Exchange of a previously placed arterial 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
- 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 (I.C.)

Commonwealth of Massachusetts MassHealth Provider Manual Series Independent Diagnostic Testing Facility Manual	Subchapter Number and Title 6. Service Codes and Descriptions	Page 6-17
	Transmittal Letter IDTF-2	Date 01/01/07

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

Service
Code

Service Description

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 Ophthalmic ultrasound, echography, diagnostic; A-scan only, with amplitude quantification
- 76512 contact B-scan (with or without simultaneous 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, B-scan and/or 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

Spinal Canal

- 76800 Ultrasound, spinal canal and contents

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)

Commonwealth of Massachusetts MassHealth Provider Manual Series Independent Diagnostic Testing Facility Manual	Subchapter Number and Title 6. Service Codes and Descriptions	Page 6-18
	Transmittal Letter IDTF-2	Date 01/01/07

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

Service
Code

Service Description

- 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.)
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)

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)

Commonwealth of Massachusetts MassHealth Provider Manual Series Independent Diagnostic Testing Facility Manual	Subchapter Number and Title 6. Service Codes and Descriptions	Page 6-19
	Transmittal Letter IDTF-2	Date 01/01/07

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

Service
Code

Service Description

- 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) (I.C.)

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 (eg, biopsy, aspiration, injection, localization device)
 77003 Fluoroscopic guidance and localization of needle or catheter tip for spine or paraspinal 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 stereotactic 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

Commonwealth of Massachusetts MassHealth Provider Manual Series Independent Diagnostic Testing Facility Manual	Subchapter Number and Title 6. Service Codes and Descriptions	Page 6-20
	Transmittal Letter IDTF-2	Date 01/01/07

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

Service
Code

Service Description

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 (2 view film study of each breast)
- 77058 Magnetic resonance imaging, breast, without and/or with contrast material(s); unilateral
- 77059 bilateral

Bone/Joint Studies

- 77071 Manual application of stress performed by physician for joint radiography, including contralateral joint if indicated
- 77072 Bone age studies
- 77073 One 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
- 77077 Joint survey, single view, 2 or more joints (specify)
- 77078 Computed tomography, bone mineral density study, 1 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, 1 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), 1 or more sites

Nuclear Medicine

Endocrine System

- 78000 Thyroid uptake; single determination
- 78001 multiple determinations

Commonwealth of Massachusetts MassHealth Provider Manual Series Independent Diagnostic Testing Facility Manual	Subchapter Number and Title 6. Service Codes and Descriptions	Page 6-21
	Transmittal Letter IDTF-2	Date 01/01/07

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

Service

Code Service Description

- 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 (I.C.)

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)
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
 (I.C.)

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

Commonwealth of Massachusetts MassHealth Provider Manual Series Independent Diagnostic Testing Facility Manual	Subchapter Number and Title 6. Service Codes and Descriptions	Page 6-22
	Transmittal Letter IDTF-2	Date 01/01/07

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

Service
Code

Service Description

- 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 Gastrointestinal protein loss
- 78282 Gastrointestinal protein loss (I.C.)
- 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 (I.C.)

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
- 78399 Unlisted musculoskeletal procedure, diagnostic nuclear medicine (I.C.)

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 (I.C.)
- 78428 Cardiac shunt detection
- 78445 Non-cardiac vascular flow imaging (i.e., angiography, venography)
- 78455 Venous thrombosis study (e.g., radioactive fibrinogen)
- 78456 Acute venous thrombosis imaging, peptide
- 78457 Venous thrombosis imaging, venogram; unilateral
- 78458 bilateral
- 78459 Myocardial imaging, positron emission tomography (PET), metabolic evaluation

Commonwealth of Massachusetts MassHealth Provider Manual Series Independent Diagnostic Testing Facility Manual	Subchapter Number and Title 6. Service Codes and Descriptions	Page 6-23
	Transmittal Letter IDTF-2	Date 01/01/07

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

Service
Code

Service Description

- 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, 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
- 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 (I.C.)

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)

Commonwealth of Massachusetts MassHealth Provider Manual Series Independent Diagnostic Testing Facility Manual	Subchapter Number and Title 6. Service Codes and Descriptions	Page 6-24
	Transmittal Letter IDTF-2	Date 01/01/07

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

Service

Code Service Description

- 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 (I.C.)

Nervous System

- 78600 Brain imaging, limited procedure; static
- 78601 with vascular flow
- 78605 Brain imaging, complete study; static
- 78607 tomographic (SPECT)
- 78608 Brain imaging, positron emission tomography (PET); metabolic evaluation (I.C.)
- 78609 perfusion evaluation (I.C.)
- 78610 Brain imaging, vascular flow only
- 78615 Cerebral vascular flow
- 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 (I.C.)

Genitourinary System

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

Commonwealth of Massachusetts MassHealth Provider Manual Series Independent Diagnostic Testing Facility Manual	Subchapter Number and Title 6. Service Codes and Descriptions	Page 6-25
	Transmittal Letter IDTF-2	Date 01/01/07

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

Service
Code

Service Description

78799 Unlisted genitourinary procedure, diagnostic nuclear medicine (I.C.)

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)
- 78990 Provision of diagnostic radiopharmaceutical(s) (I.C.)
- 78811 Tumor imaging, positron emission tomography (PRT); limited area (e.g. head/neck)
- 78812 skull base to mid-thigh
- 78813 whole body
- 78814 Tumor imaging, positron emission tomography (PET) with concurrently acquired computed tomography (CT) for attenuation correction and anatomical localization; limited area (e.g. head/neck)
- 78815 skull base to mid-thigh
- 78816 whole body
- 78810 Tumor imaging, positron emission tomography (PET), metabolic evaluation
- 78999 Unlisted miscellaneous procedure, diagnostic nuclear medicine (I.C.)

Cardiovascular

Cardiography

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

Commonwealth of Massachusetts MassHealth Provider Manual Series Independent Diagnostic Testing Facility Manual	Subchapter Number and Title 6. Service Codes and Descriptions	Page 6-26
	Transmittal Letter IDTF-2	Date 01/01/07

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

Service
Code

Service Description

- 93017 Cardiovascular stress test using maximal or submaximal treadmill or bicycle exercise, continuous electrocardiographic monitoring, and/or pharmacological stress; tracing only, without interpretation and report
- 93018 Cardiovascular stress test using maximal or submaximal treadmill or bicycle exercise, continuous electrocardiographic monitoring, and/or pharmacological stress; 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 Rhythm ECG, one to three leads; tracing only without interpretation and report
- 93042 Rhythm ECG, one to three leads; 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 Electrocardiographic monitoring for 24 hours by continuous original ECG waveform recording and storage, with visual superimposition scanning; recording (includes hook-up, recording, and disconnection)
- 93226 Electrocardiographic monitoring for 24 hours by continuous original ECG waveform recording and storage, with visual superimposition scanning; scanning analysis with report
- 93227 Electrocardiographic monitoring for 24 hours by continuous original ECG waveform recording and storage, with visual superimposition scanning; 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 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; recording (includes hook-up, recording, and disconnection)
- 93232 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; microprocessor-based analysis with report
- 93233 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; 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 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; monitoring and real-time data analysis with report

Commonwealth of Massachusetts MassHealth Provider Manual Series Independent Diagnostic Testing Facility Manual	Subchapter Number and Title 6. Service Codes and Descriptions	Page 6-27
	Transmittal Letter IDTF-2	Date 01/01/07

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

Service
Code

Service Description

- 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 Patient demand single or multiple event recording with presymptom memory loop, 24-hour attended monitoring, per 30 day period of time; recording(includes hook-up, recording, and disconnection)
- 93271 Patient demand single or multiple event recording with presymptom memory loop, 24-hour attended monitoring, per 30 day period of time; monitoring, receipt of transmissions, and analysis
- 93272 Patient demand single or multiple event recording with presymptom memory loop, 24-hour attended monitoring, per 30 day period of time; physician review and interpretation only
- 93278 Signal-averaged electrocardiography (SAECG), with or without ECG

Echocardiography

- 93303 Transthoracic echocardiography for congenital cardiac anomalies; complete
- 93304 Transthoracic echocardiography for congenital cardiac anomalies; follow-up or limited study
- 93307 Echocardiography, transthoracic, real-time with image documentation (2D)with or without M-mode recording; complete
- 93308 Echocardiography, transthoracic, real-time with image documentation (2D)with or without M-mode recording; 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 Echocardiography, transesophageal, real time with image documentation (2D) (with or without M-mode recording); placement of transesophageal probe only
- 93314 Echocardiography, transesophageal, real time with image documentation (2D) (with or without M-mode recording); image acquisition, interpretation and report only
- 93315 Transesophageal echocardiography for congenital cardiac anomalies; including probe placement, image acquisition, interpretation and report
- 93316 Transesophageal echocardiography for congenital cardiac anomalies; placement of transesophageal probe only
- 93317 Transesophageal echocardiography for congenital cardiac anomalies; image acquisition, interpretation and report only
- 93318 Echocardiography, transesophageal (TEE) for monitoring purposes, including probe placement, real time 2-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

Commonwealth of Massachusetts MassHealth Provider Manual Series Independent Diagnostic Testing Facility Manual	Subchapter Number and Title 6. Service Codes and Descriptions	Page 6-28
	Transmittal Letter IDTF-2	Date 01/01/07

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

Service
Code

Service Description

- 93320 Doppler echocardiography, pulsed wave and/or continuous wave with spectral display (List separately in addition to codes for echocardiographic imaging); complete
- 93321 Doppler echocardiography, pulsed wave and/or continuous wave with spectral display (List separately in addition to codes for echocardiographic imaging); 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 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); 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
- 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 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); 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

Commonwealth of Massachusetts MassHealth Provider Manual Series Independent Diagnostic Testing Facility Manual	Subchapter Number and Title 6. Service Codes and Descriptions	Page 6-29
	Transmittal Letter IDTF-2	Date 01/01/07

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

Service
Code

Service Description

- 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 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, with reprogramming
- 93743 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); dual chamber, without reprogramming
- 93744 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); 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 (I.C.)
- 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 Ambulatory blood pressure monitoring, utilizing a system such as magnetic tape and/or computer disk, for 24 hours or longer; recording only
- 93788 Ambulatory blood pressure monitoring, utilizing a system such as magnetic tape and/or computer disk, for 24 hours or longer; scanning analysis with report
- 93790 Ambulatory blood pressure monitoring, utilizing a system such as magnetic tape and/or computer disk, for 24 hours or longer; physician review with interpretation and report

Other Procedures

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

Commonwealth of Massachusetts MassHealth Provider Manual Series Independent Diagnostic Testing Facility Manual	Subchapter Number and Title 6. Service Codes and Descriptions	Page 6-30
	Transmittal Letter IDTF-2	Date 01/01/07

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

Service
Code

Service Description

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 spectralanalysis)
- 93880 Duplex scan of extracranial arteries; complete bilateral study
- 93882 Duplex scan of extracranial arteries; unilateral or limited study
- 93886 Transcranial Doppler study of the intracranial arteries; complete study
- 93888 Transcranial Doppler study of the intracranial arteries; limited study
- 93890 Transcranial Doppler study of the intracranial arteries; vasore activity study
- 93892 Transcranial Doppler study of the intracranial arteries; emboli detection without intravenous microbubble injection
- 93893 Transcranial Doppler study of the intracranial arteries; 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 Duplex scan of lower extremity arteries or arterial bypass grafts; unilateral or limited study
- 93930 Duplex scan of upper extremity arteries or arterial bypass grafts; complete bilateral study
- 93931 Duplex scan of upper extremity arteries or arterial bypass grafts; unilateral or limited study

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 Duplex scan of extremity veins including responses to compression and other maneuvers; unilateral or limited study

Commonwealth of Massachusetts MassHealth Provider Manual Series Independent Diagnostic Testing Facility Manual	Subchapter Number and Title 6. Service Codes and Descriptions	Page 6-31
	Transmittal Letter IDTF-2	Date 01/01/07

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

Service
Code

Service Description

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

604 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 (2 view film study of each breast)

Diagnostic Ultrasound

Chest

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

Commonwealth of Massachusetts MassHealth Provider Manual Series Independent Diagnostic Testing Facility Manual	Subchapter Number and Title 6. Service Codes and Descriptions	Page 6-32
	Transmittal Letter IDTF-2	Date 01/01/07

605 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 1-3 additional parameters of sleep, attended by a technologist
- 95810 Polysomnography; sleep staging with 4 or more additional parameters of sleep, attended by a technologist
- 95811 Polysomnography; sleep staging with 4 or more additional parameters of sleep, with initiation of continuous positive airway pressure therapy or bilevel ventilation, attended by a technologist