



Commonwealth of Massachusetts
Executive Office of Health and Human Services
Division of Medical Assistance
600 Washington Street
Boston, MA 02111
www.mass.gov/dma

MASSHEALTH
TRANSMITTAL LETTER CHC-67
March 2003

TO: Community Health Centers Participating in MassHealth
FROM: Douglas S. Brown, Acting Commissioner
RE: *Community Health Center Manual* (Revised Service Codes and Descriptions)

The federal government has revised the HCFA Common Procedure Coding System (HCPCS) for MassHealth billing.

This letter transmits the new and revised service codes for laboratory and radiology services. The revised Subchapter 6 is effective for dates of service on or after April 1, 2003.

If you wish to obtain a fee schedule, you may purchase 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 publication. The Division of Health Care Finance and Policy also has regulations available on disk. The regulation title is 114.3 CMR 20.00: Laboratory and 114.3 CMR 18.00: Radiology.

Massachusetts State Bookstore
State House, Room 116
Boston, MA 02133
Telephone: 617-727-2834
www.mass.gov/sec/spr

Division of Health Care Finance and Policy
Two Boylston Street
Boston, MA 02116
Telephone: 617-988-3100
www.mass.gov/dhcfp

DMA Web Site

This transmittal letter and attached pages are available on the Division's Web site at www.mass.gov/dma.

Questions

If you have any questions about this transmittal letter, please contact MassHealth Provider Services at 617-628-4141 or 1-800-325-5231.

NEW MATERIAL

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

Community Health Center Manual

Pages vi, vi-a, 6.1-1 through 6.1-20, and 6.2-1 through 6.2-36

OBSOLETE MATERIAL

(The pages listed here are no longer in effect.)

Community Health Center Manual

Pages vi, vi-a, and 6.1-1 through 6.1-20 — transmitted by Transmittal Letter CHC-63

Pages 6.2-1 through 6.2-38 — transmitted by Transmittal Letter CHC-65

Commonwealth of Massachusetts Division of Medical Assistance Provider Manual Series COMMUNITY HEALTH CENTER MANUAL	SUBCHAPTER NUMBER AND TITLE TABLE OF CONTENTS	PAGE vi
	TRANSMITTAL LETTER CHC-67	DATE 04/01/03

6. SERVICE CODES AND DESCRIPTIONS

Radiology Service Codes and Descriptions	6.1-1
Diagnostic Radiology (Diagnostic Imaging)	6.1-1
Head and Neck	6.1-1
Chest	6.1-2
Spine and Pelvis	6.1-3
Upper Extremities	6.1-4
Lower Extremities	6.1-5
Abdomen	6.1-5
Gastrointestinal Tract	6.1-6
Urinary Tract	6.1-7
Gynecological and Obstetrical	6.1-7
Heart	6.1-7
Aorta and Arteries	6.1-7
Veins and Lymphatics	6.1-8
Transcatheter Procedures	6.1-9
Transluminal Atherectomy	6.1-10
Other Procedures	6.2-10
Diagnostic Ultrasound	6.2-12
Head and Neck	6.2-12
Chest	6.2-12
Abdomen and Retroperitoneum	6.2-12
Spinal Canal	6.2-12
Pelvis	6.2-13
Nonobstetrical	6.2-13
Genitalia	6.2-13
Extremities	6.2-13
Ultrasonic Guidance Procedures	6.2-14
Other Procedures	6.2-14
Radiation Oncology	6.2-14
Clinical Treatment Planning (External and Internal Sources)	6.2-14
Radiation Treatment Management	6.2-14
Hyperthermia	6.2-15
Clinical Intracavitary Hyperthermia	6.2-15
Clinical Brachytherapy	6.2-15
Nuclear Medicine	6.2-15
Diagnostic	6.2-15
Endocrine System	6.2-15
Hematopoietic, Reticuloendothelial and Lymphatic System	6.2-16
Gastrointestinal System	6.2-16
Musculoskeletal System	6.2-17
Cardiovascular System	6.2-17
Respiratory System	6.2-18
Nervous System	6.2-18
Genitourinary System	6.2-19
Other Procedures	6.2-19

Therapeutic 6.2-19 Commonwealth of Massachusetts Division of Medical Assistance Provider Manual Series COMMUNITY HEALTH CENTER MANUAL	SUBCHAPTER NUMBER AND TITLE TABLE OF CONTENTS	PAGE vi-a
	TRANSMITTAL LETTER CHC-67	DATE 04/01/03

Laboratory Service Codes and Descriptions	6.2-1
Pathology and Laboratory	6.2-1
Organ or Disease-Oriented Panels	6.2-1
Drug Testing	6.2-2
Therapeutic Drug Assays	6.2-3
Evocative/Suppression Testing	6.2-3
Urinalysis	6.2-5
Chemistry	6.2-5
Molecular Diagnostics	6.2-12
Hematology and Coagulation	6.2-15
Immunology	6.2-17
Tissue Typing	6.2-21
Transfusion Medicine	6.2-22
Microbiology	6.2-22
Anatomic Pathology	6.2-28
Cytopathology	6.2-28
Cytogenetic Studies	6.2-29
Surgical Pathology	6.2-30
Other Procedures.....	6.2-30
Medicine	6.2-31
Cardiovascular	6.2-31
Cardiography	6.2-31
Other Vascular Studies	6.2-32
Other Procedures	6.2-32
Noninvasive Vascular Diagnostic Studies	6.2-33
Cerebrovascular Arterial Studies	6.2-33
Extremity Arterial Studies (Including Digits)	6.2-33
Extremity Venous Studies (Including Digits)	6.2-33
Visceral and Penile Vascular Studies	6.2-33
Extremity Arterial – Venous Studies.....	6.2-34
Pulmonary	6.2-34
Supplementary	6.2-35
Visit Service Codes and Descriptions	6.3-1
CHC Visits	6.3-1
Hospital Inpatient Services.....	6.3-1
Subsequent Hospital Care.....	6.3-2
Hospital Observation Services	6.3-2
Initial Observation Care (New or Established Patient)	6.3-2
Nursing Facility Services	6.3-3
Subsequent Nursing Facility Care	6.3-3
Domiciliary, Rest Home (e.g., Boarding Home), or Custodial Care Services	6.3-4
New Patient	6.3-4
Established Patient	6.3-4
Home Services.....	6.3-5
New Patient	6.3-5
Established Patient	6.3-5

Commonwealth of Massachusetts Division of Medical Assistance Provider Manual Series COMMUNITY HEALTH CENTER MANUAL	SUBCHAPTER NUMBER AND TITLE 6 SERVICE CODES AND DESCRIPTIONS	PAGE 6.1-1
	TRANSMITTAL LETTER CHC-67	DATE 04/01/03

601 Radiology Service Codes and Descriptions

Service

Code Service Description

DIAGNOSTIC RADIOLOGY (DIAGNOSTIC IMAGING)

HEAD AND NECK

- 70010 Myelography, posterior fossa, radiological supervision and interpretation
- 70015 Cisternography, positive contrast, radiological supervision and interpretation
- 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
- 70170 Dacryocystography, nasolacrimal duct, radiological supervision and interpretation
- 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, with or without stereo
- 70260 complete, minimum of four views, with or without stereo
- 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
- 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)

Commonwealth of Massachusetts Division of Medical Assistance Provider Manual Series COMMUNITY HEALTH CENTER MANUAL	SUBCHAPTER NUMBER AND TITLE 6 SERVICE CODES AND DESCRIPTIONS	PAGE 6.1-2
	TRANSMITTAL LETTER CHC-67	DATE 04/01/03

601 Radiology Service Codes and Descriptions (cont.)

Service

Code Service Description

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 neck; without contrast material(s)
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

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
71090 Insertion pacemaker, fluoroscopy and radiography, 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
71250 Computed tomography, thorax; without contrast material
71260 with contrast material(s)
71270 without contrast material, followed by contrast material(s) and further sections
71555 Magnetic resonance angiography, chest (excluding myocardium), with or without contrast material(s) (I.C.)

Commonwealth of Massachusetts Division of Medical Assistance Provider Manual Series COMMUNITY HEALTH CENTER MANUAL	SUBCHAPTER NUMBER AND TITLE 6 SERVICE CODES AND DESCRIPTIONS	PAGE 6.1-3
	TRANSMITTAL LETTER CHC-67	DATE 04/01/03

601 Radiology Service Codes and Descriptions (cont.)

Service

Code Service Description

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)
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

Commonwealth of Massachusetts Division of Medical Assistance Provider Manual Series COMMUNITY HEALTH CENTER MANUAL	SUBCHAPTER NUMBER AND TITLE 6 SERVICE CODES AND DESCRIPTIONS	PAGE 6.1-4
	TRANSMITTAL LETTER CHC-67	DATE 04/01/03

601 Radiology Service Codes and Descriptions (cont.)

Service

Code Service Description

72192 Computed tomography, pelvis; without contrast material
72193 with contrast material(s)
72194 without contrast material, followed by contrast material(s) and further sections
72196 Magnetic resonance (e.g., proton) imaging, pelvis; with contrast material(s)
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, entire spinal canal, 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
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
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)

Commonwealth of Massachusetts Division of Medical Assistance Provider Manual Series COMMUNITY HEALTH CENTER MANUAL	SUBCHAPTER NUMBER AND TITLE 6 SERVICE CODES AND DESCRIPTIONS	PAGE 6.1-5
	TRANSMITTAL LETTER CHC-67	DATE 04/01/03

601 Radiology Service Codes and Descriptions (cont.)

Service
Code Service Description

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
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
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
73725 Magnetic resonance angiography, lower extremity, with or without contrast material(s) (I.C.)

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)

Commonwealth of Massachusetts Division of Medical Assistance Provider Manual Series COMMUNITY HEALTH CENTER MANUAL	SUBCHAPTER NUMBER AND TITLE 6 SERVICE CODES AND DESCRIPTIONS	PAGE 6.1-6
	TRANSMITTAL LETTER CHC-67	DATE 04/01/03

601 Radiology Service Codes and Descriptions (cont.)

Service

Code Service Description

- 74170 without contrast material, followed by contrast material(s) and further sections
74181 Magnetic resonance (e.g., proton) imaging, abdomen; without contrast material(s)
74185 Magnetic resonance angiography, abdomen, with or without contrast material(s) (I.C.)
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
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 (I.C.)
74301 additional set intraoperative, radiological supervision and interpretation (List separately in addition to code for primary procedure.) (I.C.)
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
74328 Endoscopic catheterization of the biliary ductal system, radiological supervision and interpretation
74329 Endoscopic catheterization of the pancreatic ductal system, 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

Commonwealth of Massachusetts Division of Medical Assistance Provider Manual Series COMMUNITY HEALTH CENTER MANUAL	SUBCHAPTER NUMBER AND TITLE 6 SERVICE CODES AND DESCRIPTIONS	PAGE 6.1-7
	TRANSMITTAL LETTER CHC-67	DATE 04/01/03

601 Radiology Service Codes and Descriptions (cont.)

Service

Code Service Description

- 74350 Percutaneous placement of gastrostomy tube, radiological supervision and interpretation
74355 Percutaneous placement of enteroclysis tube, radiological supervision and interpretation
74360 Intraluminal dilation of strictures and/or obstructions (e.g., esophagus), radiological supervision and interpretation
74363 Percutaneous transhepatic dilatation of biliary duct stricture with or without placement of stent, 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
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

Aorta and Arteries

- 75600 Aortography, thoracic, without serialography, radiological supervision and interpretation
75605 Aortography, thoracic, by serialography, radiological supervision and interpretation
75625 Aortography, abdominal, by serialography, radiological supervision and interpretation

Commonwealth of Massachusetts Division of Medical Assistance Provider Manual Series COMMUNITY HEALTH CENTER MANUAL	SUBCHAPTER NUMBER AND TITLE 6 SERVICE CODES AND DESCRIPTIONS	PAGE 6.1-8
	TRANSMITTAL LETTER CHC-67	DATE 04/01/03

601 Radiology Service Codes and Descriptions (cont.)

Service

Code Service Description

- 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
- 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

VEINS 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

Commonwealth of Massachusetts Division of Medical Assistance Provider Manual Series COMMUNITY HEALTH CENTER MANUAL	SUBCHAPTER NUMBER AND TITLE 6 SERVICE CODES AND DESCRIPTIONS	PAGE 6.1-9
	TRANSMITTAL LETTER CHC-67	DATE 04/01/03

75820 Venography, extremity, unilateral, radiological supervision and interpretation
601 Radiology Service Codes and Descriptions (cont.)

Service

Code Service Description

- 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, sinus 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

Transcatheter Procedures

- 75894 Transcatheter therapy, embolization, any method, radiological supervision and interpretation
- 75896 Transcatheter therapy, infusion, any method (e.g., thrombolysis other than coronary), radiological supervision and interpretation
- 75898 Angiogram 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
- 75940 Percutaneous placement of IVC filter, radiological 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.)
- 75953 Placement of proximal or distal extension prosthesis for endovascular repair of infrarenal aortic or iliac artery aneurysm, pseudoaneurysm, or dissection, radiological supervision and

Commonwealth of Massachusetts Division of Medical Assistance Provider Manual Series COMMUNITY HEALTH CENTER MANUAL	SUBCHAPTER NUMBER AND TITLE 6 SERVICE CODES AND DESCRIPTIONS	PAGE 6.1-10
	TRANSMITTAL LETTER CHC-67	DATE 04/01/03

interpretation

75954 Endovascular repair of iliac artery aneurysm, pseudoaneurysm, arteriovenous malformation, or trauma, radiological supervision and interpretation

601 Radiology Service Codes and Descriptions (cont.)

Service

Code Service Description

75960 Transcatheter introduction of intravascular stent(s) (noncoronary vessel), percutaneous and/or open, radiological supervision and interpretation, each vessel

75961 Transcatheter retrieval, percutaneous, of intravascular foreign body (e.g., fractured venous or arterial catheter), radiological supervision and interpretation

75962 Transluminal balloon angioplasty, peripheral artery, radiological supervision and interpretation

75964 Transluminal balloon angioplasty, each additional peripheral artery, radiological supervision and interpretation (List separately in addition to code for primary procedure.)

75966 Transluminal balloon angioplasty, renal or other visceral artery, radiological supervision and interpretation

75968 Transluminal balloon angioplasty, each additional visceral artery, radiological supervision and interpretation (List separately in addition to code for primary procedure.)

75970 Transcatheter biopsy, radiological supervision and interpretation

75978 Transluminal balloon angioplasty, venous (e.g., subclavian stenosis), radiological supervision and interpretation

75980 Percutaneous transhepatic biliary drainage with contrast monitoring, radiological supervision and interpretation

75982 Percutaneous placement of drainage catheter for combined internal and external biliary drainage or of a drainage stent for internal biliary drainage in patients with an inoperable mechanical biliary obstruction, radiological supervision and interpretation

75984 Change of percutaneous tube or drainage catheter with contrast monitoring (e.g., gastrointestinal system, genitourinary system, abscess), radiological supervision and interpretation

75989 Radiological guidance (i.e., fluoroscopy, ultrasound, or computed tomography), for percutaneous drainage (e.g., abscess, specimen collection), with placement of catheter, radiological supervision and interpretation

Transluminal Atherectomy

75992 Transluminal atherectomy, peripheral artery, radiological supervision and interpretation

75993 Transluminal atherectomy, each additional peripheral artery, radiological supervision and interpretation (List separately in addition to code for primary procedure.)

75994 Transluminal atherectomy, renal, radiological supervision and interpretation

75995 Transluminal atherectomy, visceral, radiological supervision and interpretation

75996 Transluminal atherectomy, each additional visceral artery, radiological supervision and interpretation (List separately in addition to code for primary procedure.)

Other Procedures

R0070 Transportation of portable X-ray equipment and personnel to home or nursing facility, per trip to facility or location, more than one patient seen, per patient (one or more patients)

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.,

Commonwealth of Massachusetts Division of Medical Assistance Provider Manual Series COMMUNITY HEALTH CENTER MANUAL	SUBCHAPTER NUMBER AND TITLE 6 SERVICE CODES AND DESCRIPTIONS	PAGE 6.1-11
	TRANSMITTAL LETTER CHC-67	DATE 04/01/03

nephrostolithotomy, ERCP, bronchoscopy, transbronchial biopsy)
76003 Fluoroscopic guidance for needle placement (e.g., biopsy, aspiration, injection, localization device)

601 Radiology Service Codes and Descriptions (cont.)

Service

Code Service Description

- 76005 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 sacroliac joint), including neurolytic agent destruction
- 76006 Manual application of stress performed by physician for joint radiography, including contralateral joint if indicated
- 76010 Radiologic examination from nose to rectum for foreign body, single view, child
- 76020 Bone age studies
- 76040 Bone length studies (orthoroentgenogram, scanogram)
- 76061 Radiologic examination, osseous survey; limited (e.g., for metastases)
- 76062 complete (axial and appendicular skeleton)
- 76065 Radiologic examination, osseous survey, infant
- 76066 Joint survey, single view, one or more joints (specify)
- 76070 Computed tomography, bone mineral density study, one or more sites; axial skeleton (e.g., hips, pelvis, spine)
- 76071 appendicular skeleton (peripheral) (e.g., radius, wrist, heel)
- 76075 Dual energy X-ray absorptiometry (DEXA), bone density study, one or more sites; axial skeleton (e.g., hips, pelvis, spine)
- 76076 appendicular skeleton (peripheral) (e.g., radius, wrist, heel)
- 76078 Radiographic absorptiometry (e.g., photodensitometry, radiogrammetry), one or more sites
- 76080 Radiologic examination, abscess, fistula or sinus tract study, radiological supervision and interpretation
- 76085 Digitization of film radiographic images with computer analysis for lesion detection and further physician review for interpretation, mammography (List separately in addition to code for primary procedure.)
- 76086 Mammary ductogram or galactogram, single duct, radiological supervision and interpretation
- 76088 Mammary ductogram or galactogram, multiple ducts, radiological supervision and interpretation
- 76090 Mammography; unilateral
- 76091 bilateral
- 76092 Screening mammography, bilateral (two view film study of each breast)
- 76095 Stereotactic localization guidance for breast biopsy or needle placement (e.g., for wire localization or for injection), each lesion, radiological supervision and interpretation
- 76096 Mammographic guidance for needle placement, breast (e.g., for wire localization or for injection), each lesion, 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.)
- 76355 Computed tomography guidance for stereotactic localization
- 76360 Computed tomography guidance for needle placement (e.g., biopsy, aspiration, injection,

Commonwealth of Massachusetts Division of Medical Assistance Provider Manual Series COMMUNITY HEALTH CENTER MANUAL	SUBCHAPTER NUMBER AND TITLE 6 SERVICE CODES AND DESCRIPTIONS	PAGE 6.1-12
	TRANSMITTAL LETTER CHC-67	DATE 04/01/03

76370 localization device), radiological supervision and interpretation
Computed tomography guidance for placement of radiation therapy fields

Commonwealth of Massachusetts Division of Medical Assistance Provider Manual Series COMMUNITY HEALTH CENTER MANUAL	SUBCHAPTER NUMBER AND TITLE 6 SERVICE CODES AND DESCRIPTIONS	PAGE 6.1-13
	TRANSMITTAL LETTER CHC-67	DATE 04/01/03

601 Radiology Service Codes and Descriptions (cont.)

Service

Code Service Description

- 76375 Coronal, sagittal, multiplanar, oblique, 3-dimensional and/or holographic reconstruction of computerized axial tomography, magnetic resonance imaging, or other tomographic modality
- 76380 Computed tomography, limited or localized follow-up study
- 76496 Unlisted fluoroscopic procedure (e.g., diagnostic, interventional)
- 76497 Unlisted computed tomography procedure (e.g., diagnostic, interventional)
- 76498 Unlisted magnetic resonance procedure (e.g., diagnostic, interventional)
- 76499 Unlisted diagnostic radiographic procedure

DIAGNOSTIC ULTRASOUND

HEAD AND NECK

- 76506 Echoencephalography, B-scan and/or 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
- 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
- 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), B-scan and/or real time with image documentation

CHEST

- 76604 Ultrasound, chest, B-scan (includes mediastinum) and/or real time with image documentation
- 76645 Ultrasound, breast(s) (unilateral or bilateral), B-scan and/or real time with image documentation

ABDOMEN AND RETROPERITONEUM

- 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), B-scan and/or real time with image documentation; complete
- 76775 limited
- 76778 Ultrasound, transplanted kidney, B-scan and/or real time with image documentation, with or without duplex Doppler studies

Commonwealth of Massachusetts Division of Medical Assistance Provider Manual Series COMMUNITY HEALTH CENTER MANUAL	SUBCHAPTER NUMBER AND TITLE 6 SERVICE CODES AND DESCRIPTIONS	PAGE 6.1-14
	TRANSMITTAL LETTER CHC-67	DATE 04/01/03

601 Radiology Service Codes and Descriptions (cont.)

Service

Code Service Description

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)

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

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

NonObstetrical

76830 Ultrasound, transvaginal

76831 Hysterosonography, with or without color flow Doppler

76856 Ultrasound, pelvic (nonobstetric), B-scan and/or real time with image documentation; complete

76857 limited or follow-up (e.g., for follicles)

GENITALIA

76870 Ultrasound, scrotum and contents

76872 Echography, transrectal

76873 prostate volume study for brachytherapy treatment planning (separate procedure)

Commonwealth of Massachusetts Division of Medical Assistance Provider Manual Series COMMUNITY HEALTH CENTER MANUAL	SUBCHAPTER NUMBER AND TITLE 6 SERVICE CODES AND DESCRIPTIONS	PAGE 6.1-16
	TRANSMITTAL LETTER CHC-67	DATE 04/01/03

601 Radiology Service Codes and Descriptions (cont.)

Service

Code Service Description

RADIATION TREATMENT MANAGEMENT

- 77427 Radiation treatment management, five treatments
- 77431 Radiation therapy management with complete course of therapy consisting of one or two fractions only
- 77432 Stereotactic radiation treatment management of cerebral lesion(s) (complete course of treatment consisting of one session)
- 77470 Special treatment procedure (e.g., total body irradiation, hemibody radiation, per oral, endocavitary, or intraoperative cone irradiation)
- 77499 Unlisted procedure, therapeutic radiology treatment management

Hyperthermia

Hyperthermia is used **only** as an adjunct to radiation therapy or chemotherapy.

- 77600 Hyperthermia, externally generated; superficial (i.e., heating to a depth of 4 cm or less)
- 77605 deep (i.e., heating to depths greater than 4 cm)
- 77610 Hyperthermia generated by interstitial probe(s); 5 or fewer interstitial applicators
- 77615 more than 5 interstitial applicators

Clinical Intracavitary Hyperthermia

Clinical intracavitary hyperthermia is used **only** as an adjunct to radiation therapy or chemotherapy.

- 77620 Hyperthermia generated by intracavitary probe(s)

Clinical Brachytherapy

- 77750 Infusion or instillation of radioelement solution
- 77761 Intracavitary radiation source application; simple
- 77762 intermediate
- 77763 complex
- 77776 Interstitial radiation source application; simple
- 77777 intermediate
- 77778 complex
- 77781 Remote afterloading high intensity brachytherapy; 1-4 source positions or catheters
- 77782 5-8 source positions or catheters
- 77783 9-12 source positions or catheters
- 77784 over 12 source positions or catheters
- 77789 Surface application of radiation source
- 77799 Unlisted procedure, clinical brachytherapy (I.C.)

Commonwealth of Massachusetts Division of Medical Assistance Provider Manual Series COMMUNITY HEALTH CENTER MANUAL	SUBCHAPTER NUMBER AND TITLE 6 SERVICE CODES AND DESCRIPTIONS	PAGE 6.1-17
	TRANSMITTAL LETTER CHC-67	DATE 04/01/03

601 Radiology Service Codes and Descriptions (cont.)

Service

Code Service Description

NUCLEAR MEDICINE

DIAGNOSTIC

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 (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)
- 78160 Plasma radioiron disappearance (turnover) rate
- 78162 Radioiron oral absorption
- 78170 Radioiron red cell utilization
- 78172 Chelatable iron for estimation of total body iron (I.C.)
- 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

Commonwealth of Massachusetts Division of Medical Assistance Provider Manual Series COMMUNITY HEALTH CENTER MANUAL	SUBCHAPTER NUMBER AND TITLE 6 SERVICE CODES AND DESCRIPTIONS	PAGE 6.1-18
	TRANSMITTAL LETTER CHC-67	DATE 04/01/03

601 Radiology Service Codes and Descriptions (cont.)

Service

Code Service Description

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
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
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

Commonwealth of Massachusetts Division of Medical Assistance Provider Manual Series COMMUNITY HEALTH CENTER MANUAL	SUBCHAPTER NUMBER AND TITLE 6 SERVICE CODES AND DESCRIPTIONS	PAGE 6.1-19
	TRANSMITTAL LETTER CHC-67	DATE 04/01/03

601 Radiology Service Codes and Descriptions (cont.)

Service

Code Service Description

- 78457 Venous thrombosis imaging, venogram; unilateral
78458 bilateral
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
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)
78588 Pulmonary perfusion imaging, particulate, with ventilation imaging, aerosol, one or multiple projections
78591 Pulmonary ventilation imaging, gaseous, single breath, single projection

Commonwealth of Massachusetts Division of Medical Assistance Provider Manual Series COMMUNITY HEALTH CENTER MANUAL	SUBCHAPTER NUMBER AND TITLE 6 SERVICE CODES AND DESCRIPTIONS	PAGE 6.1-20
	TRANSMITTAL LETTER CHC-67	DATE 04/01/03

601 Radiology Service Codes and Descriptions (cont.)

Service

Code Service Description

- 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

- 78635 Cerebrospinal fluid flow, imaging (not including introduction of material); 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; static only
78701 with vascular flow
78704 with function study (i.e., imaging renogram)
78707 Kidney imaging with vascular flow and function; single study without pharmacological intervention
78708 single study, with pharmacological intervention (e.g., angiotensin converting enzyme inhibitor and/or diuretic)
78709 multiple studies, with and without pharmacological intervention (e.g., angiotensin converting enzyme inhibitor and/or diuretic)
78710 Kidney imaging, tomographic (SPECT)
78715 Kidney vascular flow only
78725 Kidney function study, non-imaging radioisotopic study
78730 Urinary bladder residual study
78740 Ureteral reflux study (radiopharmaceutical voiding cystogram)
78760 Testicular imaging
78761 with vascular flow
78799 Unlisted genitourinary procedure, diagnostic nuclear medicine (I.C.)

Other Procedures

- 78800 Radiopharmaceutical localization of tumor; limited area
78801 multiple areas
78802 whole body
78803 tomographic (SPECT)
78805 Radiopharmaceutical localization of inflammatory process; limited area
78806 whole body
78807 tomographic (SPECT)

Commonwealth of Massachusetts Division of Medical Assistance Provider Manual Series COMMUNITY HEALTH CENTER MANUAL	SUBCHAPTER NUMBER AND TITLE 6 SERVICE CODES AND DESCRIPTIONS	PAGE 6.1-21
	TRANSMITTAL LETTER CHC-67	DATE 04/01/03

78990 Provision of diagnostic radiopharmaceutical(s) (I.C.)

Commonwealth of Massachusetts Division of Medical Assistance Provider Manual Series COMMUNITY HEALTH CENTER MANUAL	SUBCHAPTER NUMBER AND TITLE 6 SERVICE CODES AND DESCRIPTIONS	PAGE 6.2-22
	TRANSMITTAL LETTER CHC-67	DATE 04/01/03

601 Radiology Service Codes and Descriptions (cont.)

Service

Code Service Description

78999 Unlisted miscellaneous procedure, diagnostic nuclear medicine (I.C.)

THERAPEUTIC

79000 Radiopharmaceutical therapy, hyperthyroidism; initial, including evaluation of patient
79001 subsequent, each therapy
79020 Radiopharmaceutical therapy, thyroid suppression (euthyroid cardiac disease), including
evaluation of patient
79030 Radiopharmaceutical ablation of gland for thyroid carcinoma
79035 Radiopharmaceutical therapy for metastases of thyroid carcinoma
79100 Radiopharmaceutical therapy, polycythemia vera, chronic leukemia, each treatment
79200 Intracavitary radioactive colloid therapy
79300 Interstitial radioactive colloid therapy (I.C.)
79400 Radiopharmaceutical therapy, nonthyroid, nonhematologic
79420 Intravascular radiopharmaceutical therapy, particulate (I.C.)
79440 Intra-articular radiopharmaceutical therapy
79900 Provision of therapeutic radiopharmaceutical(s) (I.C.)
79999 Unlisted radiopharmaceutical therapeutic procedure (I.C.)

Commonwealth of Massachusetts Division of Medical Assistance Provider Manual Series COMMUNITY HEALTH CENTER MANUAL	SUBCHAPTER NUMBER AND TITLE 6 SERVICE CODES AND DESCRIPTIONS	PAGE 6.2-1
	TRANSMITTAL LETTER CHC-67	DATE 04/01/03

602 Laboratory Service Codes and Descriptions

Service
Code Service Description

PATHOLOGY AND LABORATORY

ORGAN OR DISEASE-ORIENTED PANELS

These panels were developed for coding purposes only and should not be interpreted as clinical parameters. The tests listed with each panel identify the defined components of that panel. These panel components are not intended to limit the performance of other tests. If one performs tests in addition to those specifically indicated for a particular panel, those tests should be reported separately in addition to the panel code.

- 80048 Basic metabolic panel (This panel must include the following: Calcium (82310), Carbon dioxide (82374), Chloride (82435), Creatinine (82565), Glucose (82947), Potassium (84132), Sodium (84295), and Urea Nitrogen (BUN) (84520).)
- 80050 General health panel (This panel must include the following: Comprehensive metabolic panel (80054), Hemogram, automated, and manual differential WBC count (CBC) (85022) or Hemogram and platelet count, automated, and automated complete differential WBC count (CBC) (85025), and Thyroid stimulating hormone (TSH) (84443).)
- 80051 Electrolyte panel (This panel must include the following: Carbon dioxide (82374), Chloride (82435), Potassium (84132), and Sodium (84295).)
- 80053 Comprehensive metabolic panel (This panel must include the following: Albumin (82040), Bilirubin, total (82247), Calcium (82310), Carbon dioxide (bicarbonate) (82374), Chloride (82435), Creatinine (82565), Glucose (82947), Phosphatase, alkaline (84075), Potassium (84132), Protein, total (84155), Sodium (84295), Transferase, alanine amino (ALT) (SGPT) (84460), Transferase, aspartate amino (AST) (SGOT) (84450), and Urea Nitrogen (BUN) (84520).)
- 80055 Obstetric panel (This panel must include the following: Hemogram, automated, and manual differential WBC count (CBC) (85022) or Hemogram and platelet count, automated, and automated complete differential WBC count (CBC) (85025), Hepatitis B surface antigen (HbsAg) (87340), Antibody, rubella (86762), Syphilis test, qualitative (e.g., VDRL, RPR, ART) (86592), Antibody screen, RBC, each serum technique (86850), Blood typing, ABO (86900), and Blood typing, Rh (D) (86901).)
- 80061 Lipid panel (This panel must include the following: Cholesterol, serum, total (82465), Lipoprotein, direct measurement, high density cholesterol (HDL cholesterol) (83718), and Triglycerides (84478).)
- 80069 Renal function panel (This panel must include the following: Albumin (82040), Calcium (82310), Carbon dioxide (bicarbonate) (82374), Chloride (82435), Creatinine (82565), Glucose (82947), Phosphorus inorganic (phosphate) (84100), Potassium (84132), Sodium (84295), and Urea nitrogen (BUN) (84520).)
- 80074 Acute hepatitis panel (This panel must include the following: Hepatitis A antibody (HAAb), IgM antibody (86709), Hepatitis B core antibody (HbcAb), IgM antibody (86705), Hepatitis B surface antigen (HbsAg) (87340), and Hepatitis C antibody (86803).)

Commonwealth of Massachusetts Division of Medical Assistance Provider Manual Series	SUBCHAPTER NUMBER AND TITLE	PAGE
	6 SERVICE CODES AND DESCRIPTIONS	6.2-2
COMMUNITY HEALTH CENTER MANUAL	TRANSMITTAL LETTER CHC-67	DATE 04/01/03

602 Laboratory Service Codes and Descriptions (cont.)

Service

Code Service Description

- 80076 Hepatic function panel (This panel must include the following: Albumin (82040), Bilirubin, total (82247), Bilirubin, direct (82248), Phosphatase, alkaline (84075), Protein, total (84155), Transferase, alanine amino (ALT) (SGPT) (84460), and Transferase, aspartate amino (AST) (SGOT) (84450).)
- 80090 TORCH antibody panel (This panel must include the following tests: Antibody, cytomegalovirus (CMV) (86644), Antibody, herpes simplex, non-specific type test (86694), Antibody, rubella (86762), and Antibody, toxoplasma (86777).)

DRUG TESTING

The following list contains examples of drugs or classes of drugs that are commonly assayed by qualitative screen, followed by confirmation with a second method.

Alcohols
Amphetamines
Barbiturates
Benzodiazepines
Cocaine and metabolites
Methadones
Methaqualones
Opiates
Phencyclidines
Phenothiazines
Propoxyphenes
Tetrahydrocannabinoids
Tricyclic antidepressants

Confirmed drugs may also be quantitated. Qualitative screening tests are coded by procedure, not method or analyte. For example, if chromatography is being used, code each combination of stationary and mobile phases separately using 80100 if the analysis is designed to detect multiple drug classes or 80101 if the procedure is capable of detecting a single class of drugs.

Use 80102 for each procedure necessary for confirmation, e.g., if confirmation of three drugs by chromatography requires three stationary or mobile phases, use 80102 three times. However, if multiple drugs can be confirmed using a single analysis, use 80102 only once.

For quantitation of drugs screened, use the appropriate code in the chemistry section (82000-84999) or the therapeutic drug assay section (80150-80299).

The following codes (80100-80103) should be used for testing of other drugs which may not be listed above:

- 80100 Drug screen, qualitative; multiple drug classes chromatographic method, each procedure
80101 single drug class method (e.g., immunoassay, enzyme assay), each drug class
80102 Drug confirmation, each procedure
80103 Tissue preparation for drug analysis (I.C.)

Commonwealth of Massachusetts Division of Medical Assistance Provider Manual Series COMMUNITY HEALTH CENTER MANUAL	SUBCHAPTER NUMBER AND TITLE 6 SERVICE CODES AND DESCRIPTIONS	PAGE 6.2-3
	TRANSMITTAL LETTER CHC-67	DATE 04/01/03

602 Laboratory Service Codes and Descriptions (cont.)

Service
Code Service Description

THERAPEUTIC DRUG ASSAYS

The material for examination may be from any source. Examination is quantitative. For nonquantitative testing, see drug testing (80100-80103).

80150 Amikacin
80152 Amitriptyline
80154 Benzodiazepines
80156 Carbamazepine; total
80157 free
80158 Cyclosporine
80160 Desipramine
80162 Digoxin
80164 Dipropylacetic acid (valproic acid)
80166 Doxepin
80168 Ethosuximide
80170 Gentamicin
80172 Gold
80173 Haloperidol
80174 Imipramine
80176 Lidocaine
80178 Lithium
80182 Nortriptyline
80184 Phenobarbital
80185 Phenytoin; total
80186 free
80188 Primidone
80190 Procainamide
80192 with metabolites (e.g., n-acetyl procainamide)
80194 Quinidine
80196 Salicylate
80197 Tacrolimus
80198 Theophylline
80200 Tobramycin
80201 Topiramate
80202 Vancomycin
80299 Quantitation of drug, not elsewhere specified

EVOCATIVE/SUPPRESSION TESTING

80400 ACTH stimulation panel; for adrenal insufficiency (This panel must include the following:
Cortisol (82533 x 2).)
80402 for 21 hydroxylase deficiency (This panel must include the following: Cortisol (82533 x 2)
and 17 hydroxyprogesterone (83498 x 2).)

Commonwealth of Massachusetts Division of Medical Assistance Provider Manual Series	SUBCHAPTER NUMBER AND TITLE 6 SERVICE CODES AND DESCRIPTIONS	PAGE 6.2-4
	TRANSMITTAL LETTER CHC-67	DATE 04/01/03
COMMUNITY HEALTH CENTER MANUAL		

602 Laboratory Service Codes and Descriptions (cont.)

Service

Code Service Description

- 80406 for 3 beta-hydroxydehydrogenase deficiency (This panel must include the following: Cortisol (82533 x 2) and 17 hydroxypregnenolone (84143 x 2).) (I.C.)
- 80408 Aldosterone suppression evaluation panel (e.g., saline infusion) (This panel must include the following: Aldosterone (82088 x 2) and Renin (84244 x 2).)
- 80410 Calcitonin stimulation panel (e.g., calcium, pentagastrin) (This panel must include the following: Calcitonin (82308 x 3).)
- 80412 Corticotropin releasing hormone (CRH) stimulation panel (This panel must include the following: Cortisol (82533 x 6) and Adrenocorticotropin hormone (ACTH) (82024 x 6).)
- 80414 Chorionic gonadotropin stimulation panel; testosterone response (This panel must include the following: Testosterone (84403 x 2 on three pooled blood samples).)
- 80415 estradiol response (This panel must include the following: Estradiol (82670 x 2 on three pooled blood samples).)
- 80416 Renal vein renin stimulation panel (e.g., captopril) (This panel must include the following: Renin (84244 x 6).)
- 80417 Peripheral vein renin stimulation panel (e.g., captopril) (This panel must include the following: Renin (84244 x 2).)
- 80418 Combined rapid anterior pituitary evaluation panel (This panel must include the following: Adrenocorticotropin hormone (ACTH) (82024 x 4), Luteinizing hormone (LH) (83002 x 4), Follicle stimulating hormone (FSH) (83001 x 4), Prolactin (84146 x 4), Human growth hormone (HGH) (83003 x 4), Cortisol (82533 x 4), and Thyroid stimulating hormone (TSH) (84443 x 4).)
- 80420 Dexamethasone suppression panel, 48 hour (This panel must include the following: Free cortisol, urine (82530 x 2), Cortisol (82533 x 2), and Volume measurement for timed collection (81050 x 2).) (For single dose dexamethasone, use 82533.)
- 80422 Glucagon tolerance panel; for insulinoma (This panel must include the following: Glucose (82947 x 3) and insulin (83525 x 3).)
- 80424 for pheochromocytoma (This panel must include the following: Catecholamines, fractionated (82384 x 2).)
- 80426 Gonadotropin releasing hormone stimulation panel (This panel must include the following: Follicle stimulating hormone (FSH) (83001 x 4) and Luteinizing hormone (LH) (83002 x 4).)
- 80428 Growth hormone stimulation panel (e.g., arginine infusion, l-dopa administration). (This panel must include the following: Human growth hormone (HGH) (83003 x 4).)
- 80430 Growth hormone suppression panel (glucose administration) (This panel must include the following: Glucose (82947 x 3) and Human growth hormone (HGH) (83003 x 4).)
- 80432 Insulin-induced C-peptide suppression panel (This panel must include the following: Insulin (83525), C-peptide (84681 x 5), and Glucose (82947 x 5).)
- 80434 Insulin tolerance panel; for ACTH insufficiency (This panel must include the following: Cortisol (82533 x 5) and Glucose (82947 x 5).)
- 80435 for growth hormone deficiency (This panel must include the following: Glucose (82947 x 5) and Human growth hormone (HGH) (83003 x 5).)
- 80436 Metyrapone panel (This panel must include the following: Cortisol (82533 x 2) and 11 deoxycortisol (82634 x 2).)
- 80438 Thyrotropin releasing hormone (TRH) stimulation panel; one hour (This panel must include the following: Thyroid stimulating hormone (TSH) (84443 x 3).)

602 Laboratory Service Codes and Descriptions (cont.)

Commonwealth of Massachusetts Division of Medical Assistance Provider Manual Series COMMUNITY HEALTH CENTER MANUAL	SUBCHAPTER NUMBER AND TITLE 6 SERVICE CODES AND DESCRIPTIONS	PAGE 6.2-5
	TRANSMITTAL LETTER CHC-67	DATE 04/01/03

Service

Code Service Description

80439 two hours (This panel must include the following: Thyroid stimulating hormone (TSH) (84443 x 4).)

80440 for hyperprolactinemia (This panel must include the following: Prolactin (84146 x 3).)

URINALYSIS

81000 Urinalysis, by dip stick or tablet reagent for bilirubin, glucose, hemoglobin, ketones, leukocytes, nitrite, pH, protein, specific gravity, urobilinogen, any number of these constituents; non-automated, with microscopy

81001 automated, with microscopy

81002 non-automated, without microscopy

81003 automated, without microscopy

81005 Urinalysis; qualitative or semiquantitative, except immunoassays

81007 bacteriuria screen, except by culture or dipstick (specify type)

81015 microscopic only

81020 two or three glass test

81025 Urine pregnancy test, by visual color comparison methods

81050 Volume measurement for timed collection, each

81099 Unlisted urinalysis procedure (I.C.)

CHEMISTRY

The material for examination may be from any source. Examination is quantitative unless specified.

Clinical information derived from the results of laboratory data that is mathematically calculated (e.g., free thyroxine index (T7)) is considered part of the test procedure and therefore is not a separately reportable service.

82000 Acetaldehyde, blood

82003 Acetaminophen

82009 Acetone or other ketone bodies, serum; qualitative

82010 quantitative

82013 Acetylcholinesterase

82016 Acylcarnitines; qualitative, each specimen

82017 quantitative, each specimen

82024 Adrenocorticotrophic hormone (ACTH)

82030 Adenosine; 5-monophosphate, cyclic (cyclic AMP)

82040 Albumin; serum

82042 urine or other source, quantitative, each specimen

82043 urine, microalbumin, quantitative

82044 urine, microalbumin, semiquantitative (e.g., reagent strip assay)

82055 Alcohol (ethanol); any specimen except breath

82085 Aldolase

82088 Aldosterone

Commonwealth of Massachusetts Division of Medical Assistance Provider Manual Series COMMUNITY HEALTH CENTER MANUAL	SUBCHAPTER NUMBER AND TITLE 6 SERVICE CODES AND DESCRIPTIONS	PAGE 6.2-6
	TRANSMITTAL LETTER CHC-67	DATE 04/01/03

602 Laboratory Service Codes and Descriptions (cont.)

Service
Code

Service Description

82101	Alkaloids, urine, quantitative
82103	Alpha-1-antitrypsin; total
82104	phenotype
82105	Alpha-fetoprotein; serum
82106	amniotic fluid
82108	Aluminum
82120	Amines, vaginal fluid, qualitative
82127	Amino acids; single, qualitative, each specimen
82128	multiple, qualitative, each specimen
82131	single, quantitative, each specimen
82135	Aminolevulinic acid, delta (ALA)
82136	Amino acids, 2 to 5 amino acids, quantitative, each specimen
82139	Amino acids, 6 or more amino acids, quantitative, each specimen
82140	Ammonia
82143	Amniotic fluid scan (spectrophotometric)
82145	Amphetamine or methamphetamine
82150	Amylase
82154	Androstanediol glucuronide (I.C.)
82157	Androstenedione
82160	Androsterone
82163	Angiotensin II
82164	Angiotensin I - converting enzyme (ACE)
82172	Apolipoprotein, each
82175	Arsenic
82180	Ascorbic acid (vitamin C), blood
82190	Atomic absorption spectroscopy, each analyte
82205	Barbiturates, not elsewhere specified
82232	Beta-2 microglobulin
82239	Bile acids; total
82240	cholyglycine
82247	Bilirubin; total
82248	direct
82252	feces, qualitative
82261	Biotinidase, each specimen
82270	Blood, occult, by peroxidase activity (e.g., guaiac), qualitative; feces, 1-3 simultaneous determinations
82273	other sources
82274	Blood, occult, by fecal hemoglobin determination by immunoassay, qualitative, feces, 1-3 simultaneous determinations
82286	Bradykinin
82300	Cadmium
82306	Calcifediol (25-OH vitamin D-3)
82307	Calciferol (vitamin D)
82308	Calcitonin
82310	Calcium; total

Commonwealth of Massachusetts Division of Medical Assistance Provider Manual Series COMMUNITY HEALTH CENTER MANUAL	SUBCHAPTER NUMBER AND TITLE 6 SERVICE CODES AND DESCRIPTIONS	PAGE 6.2-7
	TRANSMITTAL LETTER CHC-67	DATE 04/01/03

602 Laboratory Service Codes and Descriptions (cont.)

Service

<u>Code</u>	<u>Service Description</u>
82330	ionized
82331	after calcium infusion test
82340	urine quantitative, timed specimen
82355	Calculus; qualitative analysis
82360	quantitative analysis, chemical
82365	infrared spectroscopy
82370	x-ray diffraction
82373	Carbohydrate deficient transferrin
82374	Carbon dioxide (bicarbonate)
82375	Carbon monoxide (carboxyhemoglobin); quantitative
82376	qualitative
82378	Carcinoembryonic antigen (CEA)
82379	Carnitine (total and free), quantitative, each specimen
82380	Carotene
82382	Catecholamines; total urine
82383	blood
82384	fractionated
82387	Cathepsin-D
82390	Ceruloplasmin
82397	Chemiluminescent assay
82415	Chloramphenicol
82435	Chloride; blood
82436	urine
82438	other source
82441	Chlorinated hydrocarbons, screen
82465	Cholesterol, serum or whole blood, total
82480	Cholinesterase; serum
82482	RBC
82485	Chondroitin B sulfate, quantitative
82486	Chromatography, qualitative; column (e.g., gas liquid or HPLC), analyte not elsewhere specified
82487	paper, 1-dimensional, analyte not elsewhere specified
82488	paper, 2-dimensional, analyte not elsewhere specified
82489	thin layer, analyte not elsewhere specified
82491	Chromatography, quantitative, column (e.g., gas liquid or HPLC); single analyte not elsewhere specified, single stationary and mobile phase
82492	multiple analytes, single stationary and mobile phase
82495	Chromium
82507	Citrate
82520	Cocaine or metabolite
82523	Collagen cross links, any method
82525	Copper
82528	Corticosterone
82530	Cortisol; free
82533	total
82540	Creatine

Commonwealth of Massachusetts Division of Medical Assistance Provider Manual Series COMMUNITY HEALTH CENTER MANUAL	SUBCHAPTER NUMBER AND TITLE 6 SERVICE CODES AND DESCRIPTIONS	PAGE 6.2-8
	TRANSMITTAL LETTER CHC-67	DATE 04/01/03

602 Laboratory Service Codes and Descriptions (cont.)

Service
Code

Service Description

82541	Column chromatography/mass spectrometry (e.g., GC/MS, or HPLC/MS), analyte not elsewhere specified; qualitative, single stationary and mobile phase
82542	quantitative, single stationary and mobile phase
82543	stable isotope dilution, single analyte, quantitative, single stationary and mobile phase
82544	stable isotope dilution, multiple analytes, quantitative, single stationary and mobile phase
82550	Creatine kinase (CK), (CPK); total
82552	isoenzymes
82553	MB fraction only
82554	isoforms
82565	Creatinine; blood
82570	other source
82575	clearance
82585	Cryofibrinogen
82595	Cryoglobulin, qualitative or semi-quantitative (e.g., cryocrit)
82600	Cyanide
82607	Cyanocobalamin (vitamin B-12)
82608	unsaturated binding capacity
82615	Cystine and homocystine, urine, qualitative
82626	Dehydroepiandrosterone (DHEA)
82627	Dehydroepiandrosterone-sulfate (DHEA-S)
82633	Desoxycorticosterone, 11-
82634	Deoxycortisol, 11-
82638	Dibucaine number
82646	Dihydrocodeinone
82649	Dihydromorphinone
82651	Dihydrotestosterone (DHT)
82652	Dihydroxyvitamin D, 1,25-
82654	Dimethadione
82657	Enzyme activity in blood cells, cultured cells, or tissue, not elsewhere specified; nonradioactive substrate, each specimen
82658	radioactive substrate, each specimen
82664	Electrophoretic technique, not elsewhere specified
82666	Epiandrosterone
82668	Erythropoietin
82670	Estradiol
82671	Estrogens; fractionated
82672	total
82677	Estriol
82679	Estrone
82690	Ethchlorvynol
82693	Ethylene glycol
82696	Etiocholanolone
82705	Fat or lipids, feces; qualitative
82710	quantitative
82715	Fat differential, feces, quantitative

Commonwealth of Massachusetts Division of Medical Assistance Provider Manual Series COMMUNITY HEALTH CENTER MANUAL	SUBCHAPTER NUMBER AND TITLE 6 SERVICE CODES AND DESCRIPTIONS	PAGE 6.2-9
	TRANSMITTAL LETTER CHC-67	DATE 04/01/03

602 Laboratory Service Codes and Descriptions (cont.)

Service

<u>Code</u>	<u>Service Description</u>
82725	Fatty acids, nonesterified
82726	Very long chain fatty acids
82728	Ferritin
82731	Fetal fibronectin, cervicovaginal secretions, semi-quantitative
82735	Fluoride
82742	Flurazepam
82746	Folic acid; serum
82747	RBC
82757	Fructose, semen
82759	Galactokinase, RBC
82760	Galactose
82775	Galactose-1-phosphate uridyl transferase; quantitative
82776	screen
82784	Gammaglobulin; IgA, IgD, IgG, IgM, each
82785	IgE
82787	immunoglobulin subclasses (IgG1, 2, 3, or 4), each
82800	Gases, blood, pH only
82803	Gases, blood, any combination of pH, pCO ₂ , pO ₂ , CO ₂ , HCO ₃ (including calculated O ₂ saturation)
82805	with O ₂ saturation, by direct measurement, except pulse oximetry
82810	Gases, blood, O ₂ saturation only, by direct measurement, except pulse oximetry
82820	Hemoglobin-oxygen affinity (pO ₂ for 50% hemoglobin saturation with oxygen)
82926	Gastric acid, free and total, each specimen
82928	Gastric acid, free or total; each specimen
82938	Gastrin after secretin stimulation
82941	Gastrin
82943	Glucagon
82945	Glucose, body fluid, other than blood
82946	Glucagon tolerance test
82947	Glucose; quantitative, blood (except reagent strip)
82948	blood, reagent strip
82950	post-glucose dose (includes glucose)
82951	tolerance test (GTT), three specimens (includes glucose)
82952	tolerance test, each additional beyond three specimens
82953	tolbutamide tolerance test
82955	Glucose-6-phosphate dehydrogenase (G6PD); quantitative
82960	screen
82963	Glucosidase, beta
82965	Glutamate dehydrogenase
82975	Glutamine (glutamic acid amide)
82977	Glutamyltransferase, gamma (GGT)
82978	Glutathione
82979	Glutathione reductase, RBC
82980	Glutethimide
82985	Glycated protein

Commonwealth of Massachusetts Division of Medical Assistance Provider Manual Series COMMUNITY HEALTH CENTER MANUAL	SUBCHAPTER NUMBER AND TITLE 6 SERVICE CODES AND DESCRIPTIONS	PAGE 6.2-10
	TRANSMITTAL LETTER CHC-67	DATE 04/01/03

602 Laboratory Service Codes and Descriptions (cont.)

Service
Code

Service Description

83001	Gonadotropin; follicle-stimulating hormone (FSH)
83002	luteinizing hormone (LH)
83003	Growth hormone, human (HGH) (somatotropin)
83008	Guanosine monophosphate (GMP), cyclic
83010	Haptoglobin; quantitative
83012	phenotypes
83013	Helicobacter pylori; analysis for urease activity, non-radioactive isotope
83014	drug administration and sample collection
83015	Heavy metal (arsenic, barium, beryllium, bismuth, antimony, mercury); screen
83018	quantitative, each
83020	Hemoglobin fractionation and quantitation; electrophoresis (e.g., A2, S, C, and/or F)
83021	chromatography (e.g., A2, S, C, and/or F)
83026	Hemoglobin; by copper sulfate method, non-automated
83030	F (fetal), chemical
83033	F (fetal), qualitative
83036	glycated
83045	methemoglobin, qualitative
83050	methemoglobin, quantitative
83051	plasma
83055	sulfhemoglobin, qualitative
83060	sulfhemoglobin, quantitative
83065	thermolabile
83068	unstable, screen
83069	urine
83070	Hemosiderin; qualitative
83071	quantitative
83080	b-Hexosaminidase, each assay
83088	Histamine
83090	Homocystine
83150	Homovanillic acid (HVA)
83491	Hydroxycorticosteroids, 17- (17-OHCS)
83497	Hydroxyindolacetic acid, 5- (HIAA)
83498	Hydroxyprogesterone, 17-d
83499	Hydroxyprogesterone, 20-
83500	Hydroxyproline; free
83505	total
83516	Immunoassay for analyte other than infectious agent antibody or infectious agent antigen, qualitative or semiquantitative; multiple step method
83518	single step method (e.g., reagent strip)
83519	Immunoassay, analyte, quantitative; by radiopharmaceutical technique (e.g., RIA)
83520	not otherwise specified
83525	Insulin; total
83527	free (I.C.)
83528	Intrinsic factor
83540	Iron

Commonwealth of Massachusetts Division of Medical Assistance Provider Manual Series	SUBCHAPTER NUMBER AND TITLE 6 SERVICE CODES AND DESCRIPTIONS	PAGE 6.2-11
	TRANSMITTAL LETTER CHC-67	DATE 04/01/03
COMMUNITY HEALTH CENTER MANUAL		

602 Laboratory Service Codes and Descriptions (cont.)

Service
Code

Service Description

83550	Iron-binding capacity
83570	Isocitric dehydrogenase (IDH)
83582	Ketogenic steroids, fractionation
83586	Ketosteroids, 17- (17-KS); total
83593	fractionation
83605	Lactate (lactic acid)
83615	Lactate dehydrogenase (LD), (LDH);
83625	isoenzymes, separation and quantitation
83632	Lactogen, human placental (HPL) human chorionic somatomammotropin
83633	Lactose, urine; qualitative
83634	quantitative
83655	Lead
83661	Fetal lung maturity assessment; lecithin sphingomyelin (L/S) ratio
83662	foam stability test
83663	fluorescence polarization
83664	lamellar body density
83670	Leucine aminopeptidase (LAP)
83690	Lipase
83715	Lipoprotein, blood; electrophoretic separation and quantitation
83716	high resolution fractionation and quantitation of lipoprotein cholesterol (e.g., electrophoresis, nuclear magnetic resonance, ultracentrifugation)
83718	Lipoprotein, direct measurement; high density cholesterol (HDL cholesterol)
83719	direct measurement, VLDL cholesterol
83721	direct measurement, LDL cholesterol
83727	Luteinizing-releasing factor (LRH)
83735	Magnesium
83775	Malate dehydrogenase
83785	Manganese
83788	Mass spectrometry and tandem mass spectrometry (MS, MS/MS), analyte not elsewhere specified;
	qualitative, each specimen
83789	quantitative, each specimen
83805	Meprobamate
83825	Mercury, quantitative
83835	Metanephrines
83840	Methadone
83857	Methemalbumin
83858	Methsuximide
83864	Mucopolysaccharides, acid; quantitative
83866	screen
83872	Mucin, synovial fluid (Ropes test)
83873	Myelin basic protein, cerebrospinal fluid
83874	Myoglobin
83880	Natriuretic peptide
83883	Nephelometry, each analyte not elsewhere specified
83885	Nickel

Commonwealth of Massachusetts Division of Medical Assistance Provider Manual Series COMMUNITY HEALTH CENTER MANUAL	SUBCHAPTER NUMBER AND TITLE 6 SERVICE CODES AND DESCRIPTIONS	PAGE 6.2-12
	TRANSMITTAL LETTER CHC-67	DATE 04/01/03

602 Laboratory Service Codes and Descriptions (cont.)

Service
Code

Service Description

83887 Nicotine

Molecular Diagnostics

The series of codes 83890-83912 is intended for use with molecular diagnostic techniques for analysis of nucleic acids. These services are coded by procedure rather than analyte. Code separately for each procedure used in an analysis. For example, a procedure requiring isolation of DNA, restriction endonuclease digestion, electrophoresis, and nucleic acid probe amplification would be coded 83890, 83892, 83894, and 83898.

83890 Molecular diagnostics; molecular isolation or extraction
83891 isolation or extraction of highly purified nucleic acid
83892 enzymatic digestion
83893 dot/slot blot production
83894 separation by gel electrophoresis (e.g., agarose, polyacrylamide)
83896 nucleic acid probe, each
83897 nucleic acid transfer (e.g., Southern, Northern)
83898 amplification of patient nucleic acid (e.g., PCR, LCR), single primer pair, each primer pair
83901 amplification of patient nucleic acid, multiplex, each multiplex reaction
83902 reverse transcription
83903 mutation scanning, by physical properties (e.g., single strand conformational polymorphisms (SSCP), heteroduplex, denaturing gradient gel electrophoresis (DGGE), RNA'ase A), single segment, each
83904 mutation identification by sequencing, single segment, each segment
83905 mutation identification by allele specific transcription, single segment, each segment
83906 mutation identification by allele specific translation, single segment, each segment
83912 interpretation and report
83915 Nucleotidase 5-
83916 Oligoclonal immune (oligoclonal bands)
83918 Organic acids; total, quantitative, each specimen
83919 qualitative, each specimen
83921 Organic acid, single, quantitative
83925 Opiates (e.g., morphine, meperidine)
83930 Osmolality; blood
83935 urine
83937 Osteocalcin (bone gla protein) (I.C.)
83945 Oxalate
83950 Oncoprotein, HER-2/neu
83970 Parathormone (parathyroid hormone)
83986 pH, body fluid, except blood
83992 Phencyclidine (PCP)
84022 Phenthiazine
84030 Phenylalanine (PKU), blood
84035 Phenylketones, qualitative
84060 Phosphatase, acid; total

Commonwealth of Massachusetts Division of Medical Assistance Provider Manual Series	SUBCHAPTER NUMBER AND TITLE	PAGE
	6 SERVICE CODES AND DESCRIPTIONS	6.2-13
COMMUNITY HEALTH CENTER MANUAL	TRANSMITTAL LETTER CHC-67	DATE 04/01/03

602 Laboratory Service Codes and Descriptions (cont.)

Service

<u>Code</u>	<u>Service Description</u>
84066	prostatic
84075	Phosphatase, alkaline
84078	heat stable (total not included)
84080	isoenzymes
84081	Phosphatidylglycerol
84085	Phosphogluconate, 6-, dehydrogenase, RBC
84087	Phosphohexose isomerase
84100	Phosphorus inorganic (phosphate);
84105	urine
84106	Porphobilinogen, urine; qualitative
84110	quantitative
84119	Porphyrins, urine; qualitative
84120	quantitation and fractionation
84126	Porphyrins, feces; quantitative
84127	qualitative
84132	Potassium; serum
84133	urine
84134	Prealbumin
84135	Pregnanediol
84138	Pregnanetriol
84140	Pregnenolone (I.C.)
84143	17-hydroxypregnenolone (I.C.)
84144	Progesterone
84146	Prolactin
84150	Prostaglandin, each
84152	Prostate specific antigen (PSA); complexed (direct measurement)
84153	total
84154	free
84155	Protein; total, except refractometry
84160	refractometric
84165	electrophoretic fractionation and quantitation
84181	Western Blot, with interpretation and report, blood or other body fluid
84182	Western Blot, with interpretation and report, blood or other body fluid, immunological probe for band identification, each
84202	Protoporphyrin, RBC; quantitative
84203	screen
84206	Proinsulin
84207	Pyridoxal phosphate (vitamin B-6)
84210	Pyruvate
84220	Pyruvate kinase
84228	Quinine
84233	Receptor assay; estrogen
84234	progesterone
84235	endocrine, other than estrogen or progesterone (specify hormone)
84238	non-endocrine (e.g., acetylcholine) (specify receptor)

Commonwealth of Massachusetts Division of Medical Assistance Provider Manual Series COMMUNITY HEALTH CENTER MANUAL	SUBCHAPTER NUMBER AND TITLE 6 SERVICE CODES AND DESCRIPTIONS	PAGE 6.2-14
	TRANSMITTAL LETTER CHC-67	DATE 04/01/03

602 Laboratory Service Codes and Descriptions (cont.)

Service
Code

Service Description

84244	Renin
84252	Riboflavin (vitamin B-2)
84255	Selenium
84260	Serotonin
84270	Sex hormone binding globulin (SHBG)
84275	Sialic acid
84285	Silica
84295	Sodium; serum
84300	urine
84302	other source
84305	Somatomedin
84307	Somatostatin
84311	Spectrophotometry, analyte not elsewhere specified
84315	Specific gravity (except urine)
84375	Sugars, chromatographic, TLC or paper chromatography
84376	Sugars (mon-, di, and oligosaccharides); single qualitative, each specimen
84377	multiple qualitative, each specimen
84378	single quantitative, each specimen
84379	multiple quantitative, each specimen
84392	Sulfate, urine
84402	Testosterone; free
84403	total
84425	Thiamine (vitamin B-1)
84430	Thiocyanate
84432	Thyroglobulin
84436	Thyroxine; total
84437	requiring elution (e.g., neonatal)
84439	free
84442	Thyroxine binding globulin (TBG)
84443	Thyroid-stimulating hormone (TSH)
84445	Thyroid-stimulating immune globulins (TSI)
84446	Tocopherol alpha (vitamin E)
84449	Transcortin (cortisol binding globulin) (I.C.)
84450	Transferase; aspartate amino (AST) (SGOT)
84460	alanine amino (ALT) (SGPT)
84466	Transferrin (I.C.)
84478	Triglycerides
84479	Thyroid hormone (T3 or T4) uptake or thyroid hormone binding ratio (THBR)
84480	Triiodothyronine T3; total (TT-3)
84481	free
84482	reverse
84484	Troponin, quantitative
84485	Trypsin; duodenal fluid
84488	feces, qualitative
84490	feces, quantitative, 24-hour collection

Commonwealth of Massachusetts Division of Medical Assistance Provider Manual Series	SUBCHAPTER NUMBER AND TITLE 6 SERVICE CODES AND DESCRIPTIONS	PAGE 6.2-15
	TRANSMITTAL LETTER CHC-67	DATE 04/01/03
COMMUNITY HEALTH CENTER MANUAL		

602 Laboratory Service Codes and Descriptions (cont.)

Service
Code

Service Description

84510	Tyrosine
84512	Troponin, qualitative
84520	Urea nitrogen; quantitative
84525	semiquantitative (e.g., reagent strip test)
84540	Urea nitrogen, urine
84545	Urea nitrogen, clearance
84550	Uric acid; blood
84560	other source
84577	Urobilinogen, feces, quantitative
84578	Urobilinogen, urine; qualitative
84580	quantitative, timed specimen
84583	semiquantitative
84585	Vanillylmandelic acid (VMA), urine
84586	Vasoactive intestinal peptide (VIP) (I.C.)
84588	Vasopressin (antidiuretic hormone, ADH)
84590	Vitamin A
84591	Vitamin, not otherwise specified
84597	Vitamin K
84600	Volatiles (e.g., acetic anhydride, carbon tetrachloride, dichloroethane, dichloromethane, diethylether, isopropyl alcohol, methanol)
84620	Xylose absorption test, blood and/or urine
84630	Zinc
84681	C-peptide
84702	Gonadotropin, chorionic (hCG); quantitative
84703	qualitative
84999	Unlisted chemistry procedure (I.C.)

HEMATOLOGY AND COAGULATION

85002	Bleeding time
85004	Blood count; automated differential WBC count
85007	blood smear, microscopic examination with manual differential WBC count
85008	blood smear, microscopic examination without manual differential WBC count
85009	manual differential WBC count, buffy coat
85013	spun microhematocrit
85014	hematocrit (Hct)
85018	hemoglobin (Hgb)
85025	complete (CBC), automated (Hgb, Hct, RBC, WBC and platelet count) and automated differential WBC count
85027	complete (CBC), automated (Hgb, Hct, RBC, WBC and platelet count)
85032	manual cell count (erythrocyte, leukocyte, or platelet) each
85041	red blood cell (RBC), automated
85044	reticulocyte, manual
85045	reticulocyte, automated
85046	reticulocytes, hemoglobin concentration

Commonwealth of Massachusetts Division of Medical Assistance Provider Manual Series	SUBCHAPTER NUMBER AND TITLE	PAGE
	6 SERVICE CODES AND DESCRIPTIONS	6.2-16
COMMUNITY HEALTH CENTER MANUAL	TRANSMITTAL LETTER CHC-67	DATE 04/01/03

602 Laboratory Service Codes and Descriptions (cont.)

Service
Code

Service Description

85048	white blood cell (WBC)
85049	platelet, automated
85060	Blood smear, peripheral, interpretation by physician with written report
85097	Bone marrow, smear interpretation
85130	Chromogenic substrate assay
85170	Clot retraction
85175	Clot lysis time, whole blood dilution
85210	Clotting; factor II, prothrombin, specific
85220	factor V (AcG or proaccelerin), labile factor
85230	factor VII (proconvertin, stable factor)
85240	factor VIII (AHG), one stage
85244	factor VIII related antigen
85245	factor VIII, VW factor, ristocetin cofactor
85246	factor VIII, VW factor antigen
85247	factor VIII, von Willebrand factor, multimetric analysis
85250	factor IX (PTC or Christmas)
85260	factor X (Stuart-Prower)
85270	factor XI (PTA)
85280	factor XII (Hageman)
85290	factor XIII (fibrin stabilizing)
85291	factor XIII (fibrin stabilizing), screen solubility
85292	prekallikrein assay (Fletcher factor assay)
85293	high molecular weight kininogen assay (Fitzgerald factor assay)
85300	Clotting inhibitors or anticoagulants; antithrombin III, activity
85301	antithrombin III, antigen assay
85302	protein C, antigen
85303	protein C, activity
85305	protein S, total
85306	protein S, free
85307	Activated Protein C (APC) resistance assay
85335	Factor inhibitor test
85337	Thrombomodulin
85345	Coagulation time; Lee and White
85347	activated
85348	other methods
85360	Euglobulin lysis
85362	Fibrin(ogen) degradation (split) products (FDP)(FSP); agglutination slide; semiquantitative
85366	paracoagulation
85370	quantitative
85378	Fibrin degradation products, D-dimer; qualitative or semiquantitative
85379	quantitative
85380	ultrasensitive (eg, for evaluation for venous thromboembolism), qualitative or semiquantitative
85384	Fibrinogen; activity
85385	antigen
85390	Fibrinolysins or coagulopathy screen, interpretation and report

Commonwealth of Massachusetts Division of Medical Assistance Provider Manual Series	SUBCHAPTER NUMBER AND TITLE 6 SERVICE CODES AND DESCRIPTIONS	PAGE 6.2-17
	TRANSMITTAL LETTER CHC-67	DATE 04/01/03
COMMUNITY HEALTH CENTER MANUAL		

602 Laboratory Service Codes and Descriptions (cont.)

Service
Code

Service Description

85400	Fibrinolytic factors and inhibitors; plasmin
85410	alpha-2 antiplasmin
85415	plasminogen activator
85420	plasminogen, except antigenic assay
85421	plasminogen, antigenic assay
85441	Heinz bodies; direct
85445	induced, acetyl phenylhydrazine
85460	Hemoglobin or RBCs, fetal, for fetomaternal hemorrhage; differential lysis (Kleihauer-Betke)
85461	rosette
85475	Hemolysin, acid
85520	Heparin assay
85525	Heparin neutralization
85530	Heparin-protamine tolerance test
85536	Iron stain, peripheral blood
85540	Leukocyte alkaline phosphatase with count
85547	Mechanical fragility, RBC
85549	Muramidase
85555	Osmotic fragility, RBC; unincubated
85557	incubated
85576	Platelet; aggregation (in vitro), each agent
85597	Platelet neutralization
85610	Prothrombin time
85611	substitution, plasma fractions, each
85612	Russell viper venom time (includes venom); undiluted
85613	diluted
85635	Reptilase test
85651	Sedimentation rate, erythrocyte; non-automated
85652	automated
85660	Sickling of RBC, reduction
85670	Thrombin time; plasma
85675	titer
85705	Thromboplastin inhibition; tissue
85730	Thromboplastin time, partial (PTT); plasma or whole blood
85732	substitution, plasma fractions, each
85810	Viscosity
85999	Unlisted hematology and coagulation procedure (I.C.)

IMMUNOLOGY

86000	Agglutinins, febrile (e.g., Brucella, Francisella, Murine typhus, Q fever, Rocky Mountain spotted fever, scrub typhus), each antigen
86001	Allergen specific IgG; quantitative or semiquantitative, each allergen
86003	Allergen specific IgE; quantitative or semiquantitative, each allergen
86005	qualitative, multiallergen screen (dipstick, paddle, or disk)
86021	Antibody identification; leukocyte antibodies

Commonwealth of Massachusetts Division of Medical Assistance Provider Manual Series COMMUNITY HEALTH CENTER MANUAL	SUBCHAPTER NUMBER AND TITLE 6 SERVICE CODES AND DESCRIPTIONS	PAGE 6.2-18
	TRANSMITTAL LETTER CHC-67	DATE 04/01/03

602 Laboratory Service Codes and Descriptions (cont.)

Service
Code

Service Description

86022	platelet antibodies
86023	platelet-associated immunoglobulin assay
86038	Antinuclear antibodies (ANA)
86039	titer
86060	Antistreptolysin 0; titer
86063	screen
86140	C-reactive protein
86141	high sensitivity (hsCRP)
86146	Beta 2 Glycoprotein I antibody, each
86147	Cardiolipin (phospholipid) antibody, each Ig class
86148	Anti-phosphatidylserine (phospholipid) antibody
86155	Chemotaxis assay, specify method
86156	Cold agglutinin; screen
86157	titer
86160	Complement; antigen, each component
86161	functional activity, each component
86162	total hemolytic (CH50)
86171	Complement fixation tests, each antigen
86185	Counterimmunoelectrophoresis, each antigen
86215	Deoxyribonuclease, antibody
86225	Deoxyribonucleic acid (DNA), antibody; native or double stranded
86226	single stranded
86235	Extractable nuclear antigen, antibody to, any method (e.g., nRNP, SS-A, SS-B, Sm, RNP, Sc170, J01), each antibody
86243	Fc receptor
86255	Fluorescent noninfectious agent antibody; screen, each antibody
86256	titer, each antibody
86277	Growth hormone, human (HGH), antibody
86280	Hemagglutination inhibition test (HAI)
86294	Immunoassay for tumor antigen, qualitative or semiquantitative (e.g., bladder tumor antigen)
86300	Immunoassay for tumor antigen, quantitative; CA 15-3 (27.29)
86301	CA 19-9
86304	CA 125
86308	Heterophile antibodies; screening
86309	titer
86310	titers after absorption with beef cells and guinea pig kidney
86316	Immunoassay for tumor antigen; other antigen, quantitative (e.g., CA 50, 72-4, 549), each
86317	Immunoassay for infectious agent antibody, quantitative, not otherwise specified
86318	Immunoassay for infectious agent antibody, qualitative or semiquantitative, single step method (e.g., reagent strip)
86320	Immunoelectrophoresis; serum
86325	other fluids (e.g., urine, cerebrospinal fluid) with concentration
86327	crossed (two-dimensional assay)
86329	Immunodiffusion; not elsewhere specified
86331	gel diffusion, qualitative (Ouchterlony), each antigen or antibody

Commonwealth of Massachusetts Division of Medical Assistance Provider Manual Series	SUBCHAPTER NUMBER AND TITLE 6 SERVICE CODES AND DESCRIPTIONS	PAGE 6.2-19
	TRANSMITTAL LETTER CHC-67	DATE 04/01/03
COMMUNITY HEALTH CENTER MANUAL		

602 Laboratory Service Codes and Descriptions (cont.)

Service

<u>Code</u>	<u>Service Description</u>
86332	Immune complex assay
86334	Immunofixation electrophoresis
86336	Inhibin A
86337	Insulin antibodies
86340	Intrinsic factor antibodies
86341	Islet cell antibody (I.C.)
86343	Leukocyte histamine release test (LHR)
86344	Leukocyte phagocytosis
86353	Lymphocyte transformation, mitogen (phytomitogen) or antigen-induced blastogenesis
86359	T cells; total count (I.C.)
86360	absolute CD4 and CD8 count, including ratio
86361	absolute CD4 count
86376	Microsomal antibodies (e.g., thyroid or liver-kidney), each
86378	Migration inhibitory factor test (MIF)
86382	Neutralization test, viral
86384	Nitroblue tetrazolium dye test (NTD)
86403	Particle agglutination; screen, each antibody
86406	titer, each antibody
86430	Rheumatoid factor; qualitative
86431	quantitative
86485	Skin test; candida
86490	coccidioidomycosis (I.C.)
86510	histoplasmosis (I.C.)
86586	unlisted antigen, each
86590	Streptokinase, antibody
86592	Syphilis test; qualitative (e.g., VDRL, RPR, ART)
86593	quantitative

The following codes (86602-86804) are qualitative or semiquantitative immunoassays performed by multiple step methods for the detection of antibodies to infectious agents. For immunoassays by single step method (e.g., reagent strips), use code 86318. Procedures for the identification of antibodies should be coded as precisely as possible. For example, an antibody to a virus could be coded with increasing specificity for virus, family, genus, species, or type. In some cases, further precision may be added to codes by specifying the class of immunoglobulin being detected. When multiple tests are done to detect antibodies to organisms classified more precisely than the specificity allowed by available codes, it is appropriate to code each as a separate service. For example, a test for antibody to an enterovirus is coded as 86658. Coxsackieviruses are enteroviruses, but there are no codes for the individual species of enterovirus. If assays are performed for antibodies to coxsackie A and B species, each assay should be separately coded. Similarly, if multiple assays are performed for antibodies of different immunoglobulin classes, each assay should be coded separately.

86602	Antibody; actinomyces
86603	adenovirus
86606	Aspergillus

Commonwealth of Massachusetts Division of Medical Assistance Provider Manual Series	SUBCHAPTER NUMBER AND TITLE 6 SERVICE CODES AND DESCRIPTIONS	PAGE 6.2-20
	TRANSMITTAL LETTER CHC-67	DATE 04/01/03
COMMUNITY HEALTH CENTER MANUAL		

602 Laboratory Service Codes and Descriptions (cont.)

Service

<u>Code</u>	<u>Service Description</u>
86609	bacterium, not elsewhere specified
86611	Bartonella
86612	Blastomyces
86615	Bordetella
86617	Borrelia burgdorferi (Lyme disease) confirmatory test (e.g., Western blot or immunoblot)
86618	Borrelia burgdorferi (Lyme disease)
86619	Borrelia (relapsing fever)
86622	Brucella
86625	Campylobacter
86628	Candida
86631	Chlamydia
86632	Chlamydia, IgM
86635	Coccidioides
86638	Coxiella Brunetii (Q fever)
86641	Cryptococcus
86644	cytomegalovirus (CMV)
86645	cytomegalovirus (CMV), IgM
86648	Diphtheria
86651	encephalitis, California (La Crosse)
86652	encephalitis, Eastern equine
86653	encephalitis, St. Louis
86654	encephalitis, Western equine
86658	enterovirus (e.g., coxsackie, echo, polio)
86663	Epstein-Barr (EB) virus, early antigen (EA)
86664	Epstein-Barr (EB) virus, nuclear antigen (EBNA)
86665	Epstein-Barr (EB) virus, viral capsid (VCA)
86666	Ehrlichia
86668	Francisella Tularensis
86671	fungus, not elsewhere specified
86674	Giardia Lamblia
86677	Helicobacter pylori
86682	helminth, not elsewhere specified
86684	Hemophilus influenza
86687	HTLV-I
86688	HTLV-II
86689	HTLV or HIV antibody, confirmatory test (e.g., Western blot)
86692	hepatitis, delta agent
86694	herpes simplex, non-specific type test
86695	herpes simplex, type 1
86696	herpes simplex, type 2
86698	histoplasma
86701	HIV-1
86702	HIV-2
86703	HIV-1 and HIV-2, single assay
86704	Hepatitis B core antibody (HBcAb); total

Commonwealth of Massachusetts Division of Medical Assistance Provider Manual Series COMMUNITY HEALTH CENTER MANUAL	SUBCHAPTER NUMBER AND TITLE 6 SERVICE CODES AND DESCRIPTIONS	PAGE 6.2-21
	TRANSMITTAL LETTER CHC-67	DATE 04/01/03

602 Laboratory Service Codes and Descriptions (cont.)

Service
Code

Service Description

86705	IgM antibody
86706	Hepatitis B surface antibody (HBsAb)
86707	Hepatitis Be antibody (HBeAb)
86708	Hepatitis A antibody (HAAb); total
86709	IgM antibody
86710	Antibody; influenza virus
86713	Legionella
86717	Leishmania
86720	Leptospira
86723	Listeria monocytogenes
86727	lymphocytic choriomeningitis
86729	Lymphogranuloma Venereum
86732	mucormycosis
86735	mumps
86738	Mycoplasma
86741	Neisseria meningitidis
86744	Nocardia
86747	parvovirus
86750	Plasmodium (malaria)
86753	protozoa, not elsewhere specified
86756	respiratory syncytial virus
86757	Rickettsia
86759	rotavirus
86762	rubella
86765	rubeola
86768	Salmonella
86771	Shigella
86774	tetanus
86777	Toxoplasma
86778	Toxoplasma, IgM
86781	Treponema Pallidum, confirmatory test (e.g., FTA-abs)
86784	trichinella
86787	varicella-zoster
86790	virus, not elsewhere specified
86793	Yersinia
86800	Thyroglobulin antibody
86803	Hepatitis C antibody;
86804	confirmatory test (e.g., immunoblot)

Tissue Typing

86805	Lymphocytotoxicity assay, visual crossmatch; with titration
86806	without titration
86807	Serum screening for cytotoxic percent reactive antibody (PRA); standard method
86808	quick method

Commonwealth of Massachusetts Division of Medical Assistance Provider Manual Series COMMUNITY HEALTH CENTER MANUAL	SUBCHAPTER NUMBER AND TITLE 6 SERVICE CODES AND DESCRIPTIONS	PAGE 6.2-22
	TRANSMITTAL LETTER CHC-67	DATE 04/01/03

602 Laboratory Service Codes and Descriptions (cont.)

Service
Code

Service Description

86812 HLA typing; A, B, or C (e.g., A10, B7, B27), single antigen
 86813 A, B, or C, multiple antigens
 86816 DR/DQ, single antigen
 86817 DR/DQ, multiple antigens
 86821 lymphocyte culture, mixed (MLC)
 86822 lymphocyte culture, primed (PLC)
 86849 Unlisted immunology procedure (I.C.)

TRANSFUSION MEDICINE

86850 Antibody screen, RBC, each serum technique (I.C.)
 86860 Antibody elution (RBC), each elution (I.C.)
 86870 Antibody identification, RBC antibodies, each panel for each serum technique (I.C.)
 86880 Antihuman globulin test (Coombs test); direct, each antiserum
 86885 indirect, qualitative, each antiserum
 86886 indirect, titer, each antiserum
 86900 Blood typing; ABO
 86901 Rh (D) (I.C.)
 86903 antigen screening for compatible blood unit using reagent serum, per unit screened
 86904 antigen screening for compatible unit using patient serum, per unit screened
 86905 RBC antigens, other than ABO or Rh (D), each
 86906 Rh phenotyping, complete
 86920 Compatibility test each unit; immediate spin technique (I.C.)
 86921 incubation technique (I.C.)
 86922 antiglobulin technique (I.C.)
 86940 Hemolysins and agglutinins; auto, screen, each
 86941 incubated
 86970 Pretreatment of RBCs for use in RBC antibody detection, identification, and/or compatibility testing; incubation with chemical agents or drugs, each
 86971 incubation with enzymes, each
 86972 by density gradient separation
 86975 Pretreatment of serum for use in RBC antibody identification; incubation with drugs, each
 86976 by dilution
 86977 incubation with inhibitors, each
 86978 by differential red-cell absorption using patient RBCs or RBCs of known phenotype, each absorption
 86999 Unlisted transfusion medicine procedure (I.C.)

MICROBIOLOGY

87001 Animal inoculation, small animal; with observation
 87003 with observation and dissection
 87015 Concentration (any type), for infectious agents
 87040 Culture, bacterial; blood, with isolation and presumptive identification of isolates (includes anaerobic culture, if appropriate)

Commonwealth of Massachusetts Division of Medical Assistance Provider Manual Series	SUBCHAPTER NUMBER AND TITLE	PAGE
	6 SERVICE CODES AND DESCRIPTIONS	6.2-23
COMMUNITY HEALTH CENTER MANUAL	TRANSMITTAL LETTER CHC-67	DATE 04/01/03

602 Laboratory Service Codes and Descriptions (cont.)

Service
Code

Service Description

87045	feces, with isolation and preliminary examination (e.g., KIA, LIA), Salmonella and Shigella species
87046	stool, additional pathogens, isolation and preliminary examination (e.g., Campylobacter, Yersinia, Vibrio, E. coli 0157), each plate
87070	any other source except urine, blood, or stool, with isolation and presumptive identification of isolates
87071	quantitative, aerobic with isolation and presumptive identification of isolates, any source except urine, blood, or stool
87073	quantitative, anaerobic with isolation and presumptive identification of isolates, any source except urine, blood, or stool
87075	any source, anaerobic with isolation and presumptive identification of isolates
87076	anaerobic isolate, additional methods required for definitive identification, each isolate
87077	aerobic isolate, additional methods required for definitive identification, each isolate
87081	Culture, presumptive, pathogenic organisms, screening only
87084	with colony estimation from density chart
87086	Culture, bacterial; quantitative colony count, urine
87088	with isolation and presumptive identification of isolates, urine
87101	Culture, fungi (mold or yeast) isolation, with presumptive identification of isolates; skin, hair, or nail
87102	other source (except blood)
87103	blood
87106	Culture, fungi, definitive identification, each organism; yeast (Use in addition to codes 87101, 87102, or 87103 when appropriate.)
87107	mold
87109	Culture, mycoplasma, any source
87110	Culture, chlamydia, any source
87116	Culture, tubercle or other acid-fast bacilli (e.g., TB, AFB, mycobacteria) any source, with isolation and presumptive identification of isolates
87118	Culture, mycobacteria, definitive identification, each isolate
87140	Culture, typing; immunofluorescent method, each antiserum
87143	gas-liquid chromatography (GLC) or high pressure liquid chromatography (HPLC) method
87147	immunologic method, other than immunofluorescence (e.g., agglutination grouping), per antiserum
87149	identification by nucleic acid probe
87152	identification by pulse field gel typing
87158	other methods
87164	Dark field examination, any source (e.g., penile, vaginal, oral, skin); includes specimen collection
87166	without collection
87168	Macroscopic examination; arthropod
87169	parasite
87172	Pinworm exam (e.g., cellophane tape prep)
87176	Homogenization, tissue, for culture
87177	Ova and parasites, direct smears, concentration and identification

Commonwealth of Massachusetts Division of Medical Assistance Provider Manual Series	SUBCHAPTER NUMBER AND TITLE 6 SERVICE CODES AND DESCRIPTIONS	PAGE 6.2-24
	TRANSMITTAL LETTER CHC-67	DATE 04/01/03
COMMUNITY HEALTH CENTER MANUAL		

602 Laboratory Service Codes and Descriptions (cont.)

Service
Code

Service Description

- 87181 Susceptibility studies, antimicrobial agent; agar dilution method, per agent (e.g., antibiotic gradient strip)
- 87184 disk method, per plate (12 or fewer agents)
- 87185 enzyme detection (e.g., beta lactamase), per enzyme
- 87186 microdilution or agar dilution (minimum inhibitory concentration (MIC) or breakpoint), each multiantimicrobial, per plate
- 87187 microdilution or agar dilution, minimum lethal concentration (MLC), each plate (List separately in addition to code for primary procedure.)
- 87188 macrobroth dilution method, each agent
- 87190 mycobacteria, proportion method, each agent
- 87197 Serum bactericidal titer (Schlichter test)
- 87205 Smear, primary source with interpretation; Gram or Giemsa stain for bacteria, fungi, or cell types
- 87206 fluorescent and/or acid-fast stain for bacteria, fungi, parasites, viruses, or cell types
- 87207 special stain for inclusion bodies or parasites (e.g., malaria, coccidia, microsporidia, trypanosomes, herpes viruses)
- 87210 wet mount for infectious agents (e.g., saline, India ink, KOH preps)
- 87220 Tissue examination by KOH slide of samples from skin, hair, or nails for fungi or ectoparasite ova or mites (e.g., scabies)
- 87230 Toxin or antitoxin assay, tissue culture (e.g., Clostridium difficile toxin)
- 87250 Virus isolation; inoculation of embryonated eggs, or small animal, includes observation and dissection
- 87252 tissue culture inoculation, observation, and presumptive identification by cytopathic effect
- 87253 tissue culture, additional studies or definitive identification (e.g., hemabsorption, neutralization, immunofluorescence stain), each isolate
- 87254 centrifuge enhanced (shell vial) technique, includes identification with immunofluorescence stain, each virus
- 87255 including identification by non-immunologic method, other than by cytopathic effect (eg, virus specific enzymatic activity)

Infectious agents by antigen detection, immunofluorescence microscopy; or nucleic acid probe techniques should be reported as precisely as possible. The most specific code possible should be reported. If there is no specific agent code, the general methodology code (e.g., 87299, 87449, 87450, 87797, 87798, 87799, 87899) should be used. For identification of antibodies to many of the listed infectious agents, see 86602-86804.

- 87260 Infectious agent antigen detection by immunofluorescent technique; adenovirus
- 87265 Bordetella pertussis/parapertussis
- 87267 Enterovirus, direct fluorescent antibody (DFA)
- 87270 Chlamydia trachomatis
- 87271 Cytomegalovirus, direct fluorescent antibody (DFA)
- 87272 cryptosporidium/giardia
- 87273 Herpes simplex virus type 2
- 87274 Herpes simplex virus type 1
- 87275 influenza B virus
- 87276 influenza A virus

Commonwealth of Massachusetts Division of Medical Assistance Provider Manual Series COMMUNITY HEALTH CENTER MANUAL	SUBCHAPTER NUMBER AND TITLE 6 SERVICE CODES AND DESCRIPTIONS	PAGE 6.2-25
	TRANSMITTAL LETTER CHC-67	DATE 04/01/03

602 Laboratory Service Codes and Descriptions (cont.)

Service
Code

Service Description

87277	Legionella micdadei
87278	Legionella pneumophila
87279	Parainfluenza virus, each type
87280	respiratory syncytial virus
87281	Pneumocystis carinii
87283	Rubeola
87285	Treponema pallidum
87290	Varicella zoster virus
87299	not otherwise specified, each organism
87300	Infectious agent antigen detection by immunofluorescent technique, polyvalent for multiple organisms, each polyvalent antiserum
87301	Infectious agent antigen detection by enzyme immunoassay technique, qualitative or semiquantitative, multiple step method; adenovirus enteric types 40/41
87320	Chlamydia trachomatis
87324	Clostridium difficile toxin(s)
87327	Cryptococcus neoformans
87328	cryptosporidium/giardia
87332	cytomegalovirus
87335	Escherichia coli 0157
87336	Entamoeba histolytica dispar group
87337	Entamoeba histolytica group
87338	Helicobacter pylori, stool
87339	Helicobacter pylori
87340	hepatitis B surface antigen (HBsAg)
87341	hepatitis B surface antigen (HBsAg) neutralization
87350	hepatitis Be antigen (HBeAg)
87380	hepatitis, delta agent
87385	Histoplasma capsulatum
87390	HIV-1
87391	HIV-2
87400	influenza, A or B, each
87420	respiratory syncytial virus
87425	rotavirus
87427	Shiga-like toxin
87430	Streptococcus, group A
87449	Infectious agent antigen detection by enzyme immunoassay technique, qualitative or semiquantitative; multiple step method, not otherwise specified, each organism
87450	single step method, not otherwise specified, each organism
87451	multiple step method, polyvalent for multiple organisms, each polyvalent antiserum
87470	Infectious agent detection by nucleic acid (DNA or RNA); Bartonella henselae and Bartonella quintana, direct probe technique
87471	Bartonella henselae and Bartonella quintana, amplified probe technique
87472	Bartonella henselae and Bartonella quintana, quantification
87475	Borrelia burgdorferi, direct probe technique
87476	Borrelia burgdorferi, amplified probe technique

Commonwealth of Massachusetts Division of Medical Assistance Provider Manual Series COMMUNITY HEALTH CENTER MANUAL	SUBCHAPTER NUMBER AND TITLE 6 SERVICE CODES AND DESCRIPTIONS	PAGE 6.2-26
	TRANSMITTAL LETTER CHC-67	DATE 04/01/03

602 Laboratory Service Codes and Descriptions (cont.)

Service

Code Service Description

87477	Borrelia burgdorferi, quantification
87480	Candida species, direct probe technique
87481	Candida species, amplified probe technique
87482	Candida species, quantification
87485	Chlamydia pneumoniae, direct probe technique
87486	Chlamydia pneumoniae, amplified probe technique
87487	Chlamydia pneumoniae, quantification
87490	Chlamydia trachomatis, direct probe technique
87491	Chlamydia trachomatis, amplified probe technique
87492	Chlamydia trachomatis, quantification
87495	cytomegalovirus, direct probe technique
87496	cytomegalovirus, amplified probe technique
87497	cytomegalovirus, quantification
87510	Gardnerella vaginalis, direct probe technique
87511	Gardnerella vaginalis, amplified probe technique
87512	Gardnerella vaginalis, quantification
87515	hepatitis B virus, direct probe technique
87516	hepatitis B virus, amplified probe technique
87517	hepatitis B virus, quantification
87520	hepatitis C, direct probe technique
87521	hepatitis C, amplified probe technique
87522	hepatitis C, quantification
87525	hepatitis G, direct probe technique
87526	hepatitis G, amplified probe technique
87527	hepatitis G, quantification
87528	herpes simplex virus, direct probe technique
87529	herpes simplex virus, amplified probe technique
87530	herpes simplex virus, quantification
87531	herpes virus-6, direct probe technique
87532	herpes virus-6, amplified probe technique
87533	herpes virus-6, quantification
87534	HIV-1, direct probe technique
87535	HIV-1, amplified probe technique
87536	HIV-1, quantification
87537	HIV-2, direct probe technique
87538	HIV-2, amplified probe technique
87539	HIV-2, quantification
87540	Legionella pneumophila, direct probe technique
87541	Legionella pneumophila, amplified probe technique
87542	Legionella pneumophila, quantification
87550	Mycobacteria species, direct probe technique
87551	Mycobacteria species, amplified probe technique
87552	Mycobacteria species, quantification
87555	Mycobacteria tuberculosis, direct probe technique
87556	Mycobacteria tuberculosis, amplified probe technique

Commonwealth of Massachusetts Division of Medical Assistance Provider Manual Series COMMUNITY HEALTH CENTER MANUAL	SUBCHAPTER NUMBER AND TITLE 6 SERVICE CODES AND DESCRIPTIONS	PAGE 6.2-27
	TRANSMITTAL LETTER CHC-67	DATE 04/01/03

602 Laboratory Service Codes and Descriptions (cont.)

Service
Code

Service Description

87557	Mycobacteria tuberculosis, quantification
87560	Mycobacteria avium-intracellulare, direct probe technique
87561	Mycobacteria avium-intracellulare, amplified probe technique
87562	Mycobacteria avium-intracellulare, quantification
87580	Mycoplasma pneumoniae, direct probe technique
87581	Mycoplasma pneumoniae, amplified probe technique
87582	Mycoplasma pneumoniae, quantification
87590	Neisseria gonorrhoeae, direct probe technique
87591	Neisseria gonorrhoeae, amplified probe technique
87592	Neisseria gonorrhoeae, quantification
87620	papillomavirus, human, direct probe technique
87621	papillomavirus, human, amplified probe technique
87622	papillomavirus, human, quantification
87650	Streptococcus, group A, direct probe technique
87651	Streptococcus, group A, amplified probe technique
87652	Streptococcus, group A, quantification
87797	Infectious agent detection by nucleic acid (DNA or RNA), not otherwise specified; direct probe technique, each organism
87798	amplified probe technique, each organism
87799	quantification, each organism
87800	Infectious agent detection by nucleic acid (DNA or RNA), multiple organisms; direct probe(s) technique
87801	amplified probe(s) technique
87802	Infectious agent antigen detection by immunoassay with direct optical observation; Streptococcus, group B
87803	Clostridium difficile toxin A
87804	influenza
87810	Infectious agent detection by immunoassay with direct optical observation; Chlamydia trachomatis
87850	Neisseria gonorrhoeae
87880	Streptococcus, group A
87899	not otherwise specified
87901	Infectious agent genotype analysis by nucleic acid (DNA or RNA); HIV 1, reverse transcriptase and protease (P.A. required for third and subsequent tests performed within a calendar year)
87902	Hepatitis C virus
87903	Infectious agent phenotype analysis by nucleic acid (DNA or RNA) with drug resistance tissue culture analysis, HIV 1; first through 10 drugs tested (P.A.)
87904	each additional one through five drugs tested (List separately in addition to code for primary procedure.) (Use 87904 in conjunction with 87903.) (P.A.)
87999	Unlisted microbiology procedure (I.C.) (P.A.)

Commonwealth of Massachusetts Division of Medical Assistance Provider Manual Series COMMUNITY HEALTH CENTER MANUAL	SUBCHAPTER NUMBER AND TITLE 6 SERVICE CODES AND DESCRIPTIONS	PAGE 6.2-28
	TRANSMITTAL LETTER CHC-67	DATE 04/01/03

602 Laboratory Service Codes and Descriptions (cont.)

Service
Code Service Description

ANATOMIC PATHOLOGY

Cytopathology

- 88104 Cytopathology, fluids, washings or brushings, except cervical or vaginal; smears with interpretation
- 88106 filter method only with interpretation
- 88107 smears and filter preparation with interpretation
- 88108 Cytopathology, concentration technique, smears and interpretation (e.g., Saccomanno technique)
- 88130 Sex chromatin identification; Barr bodies
- 88140 peripheral blood smear, polymorphonuclear drumsticks

Codes 88141-88155, 88164-88167 are used to report cervical or vaginal screening by various methods and to report physician interpretation services. Use codes 88150-88154 to report Pap smears that are examined using non-Bethesda reporting. Use codes 88164-88167 to report Pap smears that are examined using the Bethesda System of reporting. Use codes 88142-88145 to report specimens collected in fluid medium with automated thin layer preparation that are examined using any system of reporting (Bethesda or non-Bethesda). Within each of these three code families choose the one code that describes the screening method(s) used. Codes 88141 and 88155 should be reported in addition to the screening code chosen when the additional services are provided.

- 88141 Cytopathology, cervical or vaginal (any reporting system); requiring interpretation by physician (List separately in addition to code for technical service.)
- 88142 Cytopathology, cervical or vaginal (any reporting system), collected in preservative fluid, automated thin layer preparation; manual screening under physician supervision
- 88143 with manual screening and rescreening under physician supervision
- 88147 Cytopathology smears, cervical or vaginal; screening by automated system under physician supervision
- 88148 screening by automated system with manual rescreening under physician supervision
- 88150 Cytopathology, slides, cervical or vaginal; manual screening under physician supervision
- 88152 with manual screening and computer-assisted rescreening under physician supervision
- 88153 with manual screening and rescreening under physician supervision
- 88154 with manual screening and computer-assisted rescreening using cell selection and review under physician supervision
- 88155 Cytopathology, slides, cervical or vaginal, definitive hormonal evaluation (e.g., maturation index, karyopyknotic index, estrogenic index) (List separately in addition to code(s) for other technical and interpretation services.)
- 88160 Cytopathology, smears, any other source; screening and interpretation
- 88161 preparation, screening, and interpretation
- 88162 extended study involving over 5 slides and/or multiple stains (I.C.)
- 88164 Cytopathology, slides, cervical or vaginal (the Bethesda System); manual screening under physician supervision
- 88165 with manual screening and rescreening under physician supervision
- 88166 with manual screening and computer-assisted rescreening under physician supervision

Commonwealth of Massachusetts Division of Medical Assistance Provider Manual Series COMMUNITY HEALTH CENTER MANUAL	SUBCHAPTER NUMBER AND TITLE 6 SERVICE CODES AND DESCRIPTIONS	PAGE 6.2-29
	TRANSMITTAL LETTER CHC-67	DATE 04/01/03

602 Laboratory Service Codes and Descriptions (cont.)

Service
Code

Service Description

- 86167 with manual screening and computer-assisted rescreening using cell selection and review under physician supervision
- 88172 Cytopathology, evaluation of fine needle aspirate; immediate cytohistologic study to determine adequacy of specimen(s) (I.C.)
- 88173 interpretation and report
- 88174 Cytopathology, cervical or vaginal (any reported system), collected in preservative fluid, automated thin layer preparation, screening by automated system, under physician supervision
- 88175 with screening by automated system and manual rescreening, under physician supervision
- 88180 Flow cytometry; each cell surface, cytoplasmic or nuclear marker (I.C.)
- 88182 cell cycle or DNA analysis (I.C.)
- 88199 Unlisted cytopathology procedure (I.C.)

Cytogenetic Studies

- 88230 Tissue culture for non-neoplastic disorders; lymphocyte
- 88233 skin or other solid tissue biopsy
- 88235 amniotic fluid or chorionic villus cells
- 88237 Tissue culture for neoplastic disorders; bone marrow, blood cells
- 88239 solid tumor
- 88240 Cryopreservation, freezing and storage of cells, each cell line
- 88241 Thawing and expansion of frozen cells, each aliquot
- 88245 Chromosome analysis for breakage syndromes; baseline Sister Chromatid Exchange (SCE), 20-25 cells
- 88248 baseline breakage, score 50-100 cells, count 20 cells, 2 karyotypes, (e.g., for ataxia telangiectasia, Fanconi anemia, fragile X)
- 88249 score 100 cells, clastogen stress (e.g., diepoxybutane, mitomycin C, ionizing radiation, UV radiation)
- 88261 Chromosome analysis; count 5 cells, 1 karyotype, with banding
- 88262 count 15-20 cells, 2 karyotypes, with banding
- 88263 count 45 cells for mosaicism, 2 karyotypes, with banding
- 88264 analyze 20-25 cells
- 88267 Chromosome analysis, amniotic fluid or chorionic villus, count 15 cells, 1 karyotype, with banding
- 88269 Chromosome analysis, in situ for amniotic fluid cells, count cells from 6-12 colonies, 1 karyotype, with banding
- 88271 Molecular cytogenetics; DNA probe, each (e.g., FISH)
- 88272 chromosomal in situ hybridization, analyze 3-5 cells (e.g., for derivatives and markers)
- 88273 chromosomal in situ hybridization, analyze 10-30 cells (e.g., for microdeletions)
- 88274 interphase in situ hybridization, analyze 25-99 cells
- 88275 interphase in situ hybridization, analyze 100-300 cells
- 88280 Chromosome analysis; additional karyotypes, each study
- 88283 additional specialized banding technique (e.g., NOR, C-banding)
- 88285 additional cells counted, each study
- 88289 additional high resolution study
- 88291 Cytogenetics and molecular cytogenetics, interpretation and report

Commonwealth of Massachusetts Division of Medical Assistance Provider Manual Series COMMUNITY HEALTH CENTER MANUAL	SUBCHAPTER NUMBER AND TITLE 6 SERVICE CODES AND DESCRIPTIONS	PAGE 6.2-30
	TRANSMITTAL LETTER CHC-67	DATE 04/01/03

602 Laboratory Service Codes and Descriptions (cont.)

Service
Code

Service Description

88299 Unlisted cytogenetic study (I.C.)

SURGICAL PATHOLOGY

Codes 88300 through 88309 are further clarified in the Current Procedural Terminology (CPT) code book.

88300 Level I - surgical pathology, gross examination only
88302 Level II - surgical pathology, gross and microscopic examination
88304 Level III - surgical pathology, gross and microscopic examination
88305 Level IV - surgical pathology, gross and microscopic examination
88307 Level V - surgical pathology, gross and microscopic examination
88309 Level VI - surgical pathology, gross and microscopic examination
88311 Decalcification procedure (List separately in addition to code for surgical pathology examination.)
88312 Special stains (List separately in addition to code for surgical pathology examination.); Group I for microorganisms (e.g., Gridley, acid fast, methenamine silver), each
88313 Group II, all other (e.g., iron, trichrome), except immunocytochemistry and immunoperoxidase stains, each
88314 histochemical staining with frozen section(s)
88318 Determinative histochemistry to identify chemical components (e.g., copper, zinc)
88319 Determinative histochemistry or cytochemistry to identify enzyme constituents, each
88342 Immunocytochemistry (including tissue immunoperoxidase), each antibody
88346 Immunofluorescent study, each antibody; direct method
88347 indirect method
88348 Electron microscopy; diagnostic
88349 scanning
88355 Morphometric analysis; skeletal muscle
88356 nerve
88358 tumor
88362 Nerve-teasing preparations
88365 Tissue in situ hybridization, interpretation and report
88371 Protein analysis of tissue by Western Blot, with interpretation and report
88372 immunological probe for band identification, each
88380 Microdissection (e.g., mechanical, laser capture)
88399 Unlisted surgical pathology procedure (I.C.)

OTHER PROCEDURES

89050 Cell count, miscellaneous body fluids (e.g., cerebrospinal fluid, joint fluid), except blood
89051 with differential count
89055 Leukocyte count, fecal
89060 Crystal identification by light microscopy with or without polarizing lens analysis, any body fluid (except urine)

Commonwealth of Massachusetts Division of Medical Assistance Provider Manual Series COMMUNITY HEALTH CENTER MANUAL	SUBCHAPTER NUMBER AND TITLE 6 SERVICE CODES AND DESCRIPTIONS	PAGE 6.2-31
	TRANSMITTAL LETTER CHC-67	DATE 04/01/03

602 Laboratory Service Codes and Descriptions (cont.)

Service
Code

Service Description

89100	Duodenal intubation and aspiration; single specimen (e.g., simple bile study or afferent loop culture) plus appropriate test procedure (I.C.)
89105	collection of multiple fractional specimens with pancreatic or gallbladder stimulation, single or double lumen tube
89125	Fat stain, feces, urine, or respiratory secretions
89130	Gastric intubation and aspiration, diagnostic, each specimen, for chemical analyses or cytopathology
89132	after stimulation
89135	Gastric intubation, aspiration, and fractional collections (e.g., gastric secretory study); one hour
89136	two hours
89140	two hours including gastric stimulation (e.g., histalog, pentagastrin)
89141	three hours, including gastric stimulation
89160	Meat fibers, feces
89190	Nasal smear for eosinophils
89350	Sputum, obtaining specimen, aerosol induced technique (separate procedure)
89355	Starch granules, feces
89360	Sweat collection by iontophoresis
89365	Water load test
89399	Unlisted miscellaneous pathology test (I.C.)

MEDICINE

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 (I.C.)
93014	physician review with interpretation and report only (I.C.)
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
93018	interpretation and report only
93024	Ergonovine provocation test (I.C.)
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 (I.C.)
93225	recording (includes hook-up, recording, and disconnection) (I.C.)
93226	scanning analysis with report (I.C.)

Commonwealth of Massachusetts Division of Medical Assistance Provider Manual Series	SUBCHAPTER NUMBER AND TITLE 6 SERVICE CODES AND DESCRIPTIONS	PAGE 6.2-32
	TRANSMITTAL LETTER CHC-67	DATE 04/01/03
COMMUNITY HEALTH CENTER MANUAL		

602 Laboratory Service Codes and Descriptions (cont.)

Service
Code

Service Description

- 93227 physician review and interpretation (I.C.)
- 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 (I.C.)
- 93231 recording (includes hook-up, recording, and disconnection) (I.C.)
- 93232 microprocessor-based analysis with report (I.C.)
- 93233 physician review and interpretation (I.C.)
- 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 (I.C.)
- 93236 monitoring and real-time data analysis with report (I.C.)
- 93237 physician review and interpretation (I.C.)
- 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 (I.C.)
- 93278 Signal-averaged electrocardiography (SAECG), with or without ECG (I.C.)

Other Vascular Studies

- 93701 Bioimpedance, thoracic, electrical
- 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)
- 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
- 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

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 (I.C.)

Commonwealth of Massachusetts Division of Medical Assistance Provider Manual Series	SUBCHAPTER NUMBER AND TITLE 6 SERVICE CODES AND DESCRIPTIONS	PAGE 6.2-33
	TRANSMITTAL LETTER CHC-67	DATE 04/01/03
COMMUNITY HEALTH CENTER MANUAL		

602 Laboratory Service Codes and Descriptions (cont.)

Service
Code

Service Description

NONINVASIVE VASCULAR DIAGNOSTIC STUDIES

Cerebrovascular Arterial Studies

- 93875 Noninvasive physiologic studies of extracranial arteries, complete bilateral study (e.g., periorbital flow direction with arterial compression, ocular pneumoplethysmography, Doppler ultrasound spectral analysis) (S.P. to 93880 and 93882)
- 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

Extremity Arterial Studies (Including Digits)

- 93922 Noninvasive 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) (S.P. to 93924, 93925, 93926, 93930, and 93931)
- 93923 Noninvasive 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) (S.P. to 93924, 93925, 93926, 93930, and 93931)
- 93924 Noninvasive physiologic studies of lower extremity arteries, at rest and following treadmill stress testing, complete bilateral study (S.P. to 93925, 93926, 93930, and 93931)
- 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

Extremity Venous Studies (Including Digits)

- 93965 Noninvasive physiologic studies of extremity veins, complete bilateral study (e.g., Doppler waveform analysis with responses to compression and other maneuvers, phleborheography, impedance plethysmography) (S.P. to 93970 and 93976)
- 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 (S.P. to 93975)

Commonwealth of Massachusetts Division of Medical Assistance Provider Manual Series COMMUNITY HEALTH CENTER MANUAL	SUBCHAPTER NUMBER AND TITLE 6 SERVICE CODES AND DESCRIPTIONS	PAGE 6.2-34
	TRANSMITTAL LETTER CHC-67	DATE 04/01/03

602 Laboratory Service Codes and Descriptions (cont.)

Service
Code

Service Description

- 93978 Duplex scan of aorta, inferior vena cava, iliac vasculature, or bypass grafts; complete study (S.P. to 93975)
- 93979 unilateral or limited study (S.P. to 93975)
- 93980 Duplex scan of arterial inflow and venous outflow of penile vessels; complete study
- 93981 follow-up or limited study (S.P. to 93980)

Extremity Arterial—Venous Studies

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

PULMONARY

- 94010 Spirometry, including graphic record, total and timed vital capacity, expiratory flow rate measurement(s), with or without maximal voluntary ventilation (S.P. to 94060, 94070, and 94620)
- 94014 Patient-initiated spirometric recording per 30-day period of time; includes reinforced education, transmission of spirometric tracing, data capture, analysis of transmitted data, periodic recalibration, and physician review and interpretation
- 94016 physician review and interpretation only
- 94060 Bronchospasm evaluation: spirometry as in 94010, before and after bronchodilator (aerosol or parenteral) (S.P. to 94070 and 94620)
- 94070 Prolonged postexposure evaluation of bronchospasm with multiple spirometric determinations after antigen, cold air, methacholine or other chemical agent, with subsequent spirometrics
- 94150 Vital capacity, total (separate procedure) (S.P. to 94010, 94060, 94070, and 94620)
- 94200 Maximum breathing capacity, maximal voluntary ventilation (S.P. to 94010, 94060, 94070, and 94620)
- 94240 Functional residual capacity or residual volume: helium method, nitrogen open circuit method, or other method
- 94250 Expired gas collection, quantitative, single procedure (separate procedure)
- 94260 Thoracic gas volume
- 94350 Determination of maldistribution of inspired gas: multiple breath nitrogen washout curve including alveolar nitrogen or helium equilibration time
- 94360 Determination of resistance to airflow, oscillatory or plethysmographic methods
- 94370 Determination of airway closing volume, single breath tests
- 94375 Respiratory flow volume loop (S.P. to 94010, 94060, and 94070)
- 94400 Breathing response to CO₂ (CO₂ response curve)
- 94450 Breathing response to hypoxia (hypoxia response curve)
- 94620 Pulmonary stress testing; simple (e.g., prolonged exercise test for bronchospasm with pre- and post-spirometry)
- 94621 complex (including measurements of CO₂ production, O₂ uptake, and electrocardiographic recordings)
- 94640 Pressurized or nonpressurized inhalation treatment for acute airway obstruction or for sputum induction for diagnostic purposes (e.g., with an aerosol generator, nebulizer, metered dose inhaler or intermittent positive pressure breathing (IPPB) device)
- 94642 Aerosol inhalation of pentamidine for pneumocystis carinii pneumonia treatment or prophylaxis

Commonwealth of Massachusetts Division of Medical Assistance Provider Manual Series COMMUNITY HEALTH CENTER MANUAL	SUBCHAPTER NUMBER AND TITLE 6 SERVICE CODES AND DESCRIPTIONS	PAGE 6.2-35
	TRANSMITTAL LETTER CHC-67	DATE 04/01/03

602 Laboratory Service Codes and Descriptions (cont.)

Service

Code Service Description

- 94656 Ventilation assist and management, initiation of pressure or volume preset ventilators for assisted or controlled breathing; first day
- 94657 subsequent days
- 94660 Continuous positive airway pressure ventilation (CPAP), initiation and management
- 94662 Continuous negative pressure ventilation (CNP), initiation and management
- 94664 Demonstration and/or evaluation of patient utilization of an aerosol generator, nebulizer, metered dose inhaler or IPPB device
- 94667 Manipulation chest wall, such as cupping, percussing, and vibration to facilitate lung function; initial demonstration and/or evaluation
- 94668 subsequent
- 94680 Oxygen uptake, expired gas analysis; rest and exercise, direct, simple (S.P. to 94620)
- 94681 including CO₂ output, percentage oxygen extracted (S.P. to 94620 and 94680)
- 94690 rest, indirect (separate procedure) (S.P. to 94620)
- 94720 Carbon monoxide diffusing capacity (e.g., single breath, steady state) (S.P. to 94725)
- 94725 Membrane diffusion capacity
- 94750 Pulmonary compliance study (e.g., plethysmography, volume and pressure measurements) (with report only) (S.P. to 94010, 94060, 94070, and 94620)
- 94760 Noninvasive ear or pulse oximetry for oxygen saturation; single determination (no professional component) (S.P. to 94620)
- 94761 multiple determinations (e.g., during exercise) (no professional component) (S.P. to 94620)
- 94762 by continuous overnight monitoring (separate procedure) (no professional component) (S.P. to 94620)
- 94770 Carbon dioxide, expired gas determination by infrared analyzer (with report only) (S.P. to 94620)
- 94772 Circadian respiratory pattern recording (pediatric pneumogram), 12 to 24 hour continuous recording, infant
- 94799 Unlisted pulmonary service or procedure (I.C.)

SUPPLEMENTARY

- 99000 Handling and/or conveyance of specimen for transfer from the physician's office to a laboratory

This publication contains codes that are copyrighted by the American Medical Association. Certain terms used in the service descriptions for HCPCS codes are defined in the Current Procedural Terminology (CPT) code book.

Commonwealth of Massachusetts Division of Medical Assistance Provider Manual Series COMMUNITY HEALTH CENTER MANUAL	SUBCHAPTER NUMBER AND TITLE 6 SERVICE CODES AND DESCRIPTIONS	PAGE 6.2-36
	TRANSMITTAL LETTER CHC-67	DATE 04/01/03

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