

**EXHIBIT A**

**Chapters 12-15  
Hawaii Administrative Rules**

**WORKERS' COMPENSATION SUPPLEMENTAL  
MEDICAL FEE SCHEDULE**

**January 1, 2005**

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# SURGERY

## Integumentary System

		Unit Value	Follow-up Days
12007	Simple repair of superficial wounds of scalp, neck, axillae, external genitalia, trunk and/or extremities (including hands and feet); over 30.0 cm.....	8.5	
15740	Flap; island pedicle.....	29.6	
15750	neurovascular pedicle .....	33.0	

## Musculoskeletal System

20560	Acupuncture, initial 15 minutes (inclusive of evaluation and supplies).....	1.0	
20561	each additional 15 minutes .....	0.4	
22554	Arthrodesis, anterior interbody technique, including minimal discectomy to prepare interspace (other than for decompression); cervical below C2 .....	49.8	
23410	Repair of ruptured musculotendinous cuff (eg, rotator cuff) open; acute .....	33.9	
23420	Reconstruction of complete shoulder (rotator) cuff avulsion, chronic (includes acromioplasty).....	64.5	
23455	Capsulorrhaphy, anterior; with labral repair (eg, Bankart procedure) .....	48.2	
24940	Cineplasty, upper extremity, complete procedure .....	39.7	150
27130	Arthroplasty, acetabular and proximal femoral prosthetic replacement (total hip arthroplasty), with or without autograft or allograft.....	64.7	
27447	Arthroplasty, knee, condyle and plateau; medial AND lateral compartments with or without patella resurfacing (total knee arthroplasty) .....	64.0	
27506	Open treatment of femoral shaft fracture, with or without external fixation, with insertion of intramedullary implant, with or without cerclage and/or locking screws.....	51.3	
27524	Open treatment of patellar fracture, with internal fixation and/or partial or complete patellectomy and soft tissue repair.....	28.7	
27650	Repair, primary, open or percutaneous, ruptured Achilles tendon.....	29.1	
27792	Open treatment of distal fibular fracture (lateral malleolus), with or without internal or external fixation .....	25.4	
27814	Open treatment of bimalleolar ankle fracture, with or without internal or external fixation .....	31.4	
27822	Open treatment of trimalleolar ankle fracture, with or without internal or external fixation, medial and/or lateral malleolus; without fixation of posterior lip .....	40.9	
29823	Arthroscopy, shoulder, surgical; debridement, extensive .....	28.8	
29879	Arthroscopy, knee, surgical; abrasion arthroplasty (includes chondroplasty where necessary) or multiple drilling or microfracture .....	28.4	
29880	with meniscectomy (medial AND lateral, including any meniscal shaving).....	24.1	
29881	with meniscectomy (medial OR lateral, including any meniscal shaving).....	28.5	
29888	Arthroscopically aided anterior cruciate ligament repair/augmentation or reconstruction.....	45.3	

## Cardiovascular System

36415	Collection of venous blood by venipuncture.....	BR	
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## Digestive System

41820	Gingivectomy, excision gingiva, each quadrant .....	8.4	
41850	Destruction of lesion, (except excision), dentoalveolar structures.....	1.2	
41870	Periodontal mucosal grafting .....	BR	

### Male Genital System

54440	Plastic operation of penis for injury .....	37.2	90
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### Nervous System

61154	Burr hole(s) with evacuation and/or drainage of hematoma, extradural or subdural.....	42.5	
61313	Craniectomy or craniotomy for evacuation of hematoma, supratentorial; intracerebral.....	67.5	
62010	Elevation of depressed skull fracture; with repair of dura and/or debridement of brain .....	55.0	
63030	Laminotomy (hemilaminectomy), with decompression of nerve root(s), including partial facetectomy, foraminotomy and/or excision of herniated intervertebral disk; one interspace, lumbar (including open or endoscopically-assisted approach) .....	36.0	

### Eye and Ocular Adnexa

65760	Keratomileusis.....	68.8	125
65765	Keratophakia .....	68.8	125
65767	Epikeratoplasty.....	BR	

### Auditory System

69710	Implantation or replacement of electromagnetic bone conduction hearing device in temporal bone (Replacement procedure includes removal of old device) .....	BR	
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## RADIOLOGY

### Diagnostic Imaging

70010	Myelography, posterior fossa, radiological supervision and interpretation .....	11.2	
70015	Cisternography, positive contrast, radiological supervision and interpretation .....	5.4	
70030	Radiologic examination, eye, for detection of foreign body .....	1.2	
70100	Radiologic examination, mandible; partial, less than four views.....	1.5	
70110	complete, minimum of four views .....	1.8	
70120	Radiologic examination, mastoids; less than three views per side.....	1.7	
70130	complete, minimum of three views per side .....	2.3	
70134	Radiologic examination, internal auditory meati, complete.....	2.2	
70140	Radiologic examination, facial bones; less than three views .....	1.7	
70150	complete, minimum of three views.....	2.1	
70160	Radiologic examination, nasal bones, complete, minimum of three views.....	1.4	
70170	Dacryocystography, nasolacrimal duct, radiological supervision and interpretation .....	2.6	
70190	Radiologic examination; optic foramina .....	1.7	
70200	orbits, complete, minimum of four views.....	2.2	
70210	Radiologic examination, sinuses, paranasal, less than three views.....	1.6	
70220	Radiologic examination, sinuses, paranasal, complete, minimum of three views.....	2.1	
70240	Radiologic examination, sella turcica.....	1.3	
70250	Radiologic examination, skull; less than four views, with or without stereo.....	1.8	
70260	complete, minimum of four views, with or without stereo.....	2.5	
70300	Radiologic examination, teeth; single view.....	0.8	
70310	partial examination, less than full mouth.....	1.2	

	Unit Value	Follow-up Days
70320 complete, full mouth.....	2.1	
70328 Radiologic examination, temporomandibular joint, open and closed mouth; unilateral.....	1.4	
70330 bilateral.....	2.2	
70332 Temporomandibular joint arthrography, radiological supervision and interpretation.....	5.4	
70336 Magnetic resonance (eg, proton) imaging, temporomandibular joint(s).....	25.1	
70350 Cephalogram, orthodontic.....	1.2	
70355 Orthopantomogram.....	1.6	
70360 Radiologic examination; neck, soft tissue.....	1.2	
70370 pharynx or larynx, including fluoroscopy and/or magnification technique.....	3.3	
70371 Complex dynamic pharyngeal and speech evaluation by cine or video recording.....	6.0	
70373 Laryngography, contrast, radiological supervision and interpretation.....	4.5	
70380 Radiologic examination, salivary gland for calculus.....	1.7	
70390 Sialography, radiological supervision and interpretation.....	4.4	
70450 Computed tomography, head or brain; without contrast material.....	11.2	
70460 with contrast material(s).....	13.7	
70470 without contrast material, followed by contrast material(s) and further sections.....	16.7	
70480 Computed tomography, orbit, sella, or posterior fossa or outer, middle, or inner ear; without contrast material.....	12.2	
70481 with contrast material(s).....	14.2	
70482 without contrast material, followed by contrast material(s) and further sections.....	17.2	
70486 Computed tomography, maxillofacial area; without contrast material.....	11.9	
70487 with contrast material(s).....	14.0	
70488 without contrast material, followed by contrast material(s) and further sections.....	17.1	
70490 Computed tomography, soft tissue neck; without contrast material.....	12.2	
70491 with contrast material(s).....	14.2	
70492 without contrast material, followed by contrast material(s) and further sections.....	17.1	
70496 Computed tomographic angiography, head, without contrast material(s), followed by contrast material(s) and further sections, including image post- processing.....	18.1	
70498 Computed tomographic angiography, neck, without contrast material(s), followed by contrast material(s) and further sections, including image post- processing.....	18.1	
70540 Magnetic resonance (eg, proton) imaging, orbit, face, and neck; without contrast material(s).....	25.3	
70542 with contrast material(s).....	28.4	
70543 without contrast material(s), followed by contrast material(s) and further sequences.....	51.2	
70544 Magnetic resonance angiography, head; without contrast material(s).....	24.5	
70545 with contrast material(s).....	24.5	
70546 without contrast material(s), followed by contrast material(s) and further sequences.....	46.8	
70547 Magnetic resonance angiography, neck; without contrast material(s).....	24.5	
70548 with contrast material(s).....	24.5	
70549 without contrast material(s), followed by contrast material(s) and further sequences.....	46.8	
70551 Magnetic resonance (eg, proton) imaging, brain (including brain stem); without contrast material.....	25.3	
70552 with contrast material(s).....	30.3	
70553 without contrast material, followed by contrast material(s) and further sequences.....	54.0	
71010 Radiologic examination, chest; single view, frontal.....	1.4	
71015 stereo, frontal.....	1.5	
71020 Radiologic examination, chest, two views, frontal and lateral;.....	1.7	
71021 with apical lordotic procedure.....	2.1	
71022 with oblique projections.....	2.2	
71023 with fluoroscopy.....	2.4	

	Unit Value	Follow-up Days
71030 Radiologic examination, chest, complete, minimum of four views; .....	2.3	
71034 with fluoroscopy .....	3.9	
71035 Radiologic examination, chest, special views (eg, lateral decubitus, Bucky studies) .....	1.4	
71040 Bronchography, unilateral, radiological supervision and interpretation .....	4.2	
71060 Bronchography, bilateral, radiological supervision and interpretation .....	6.1	
71090 Insertion pacemaker, fluoroscopy and radiography, radiological supervision and interpretation .....	4.6	
71100 Radiologic examination, ribs, unilateral; two views .....	1.6	
71101 including posteroanterior chest, minimum of three views .....	1.9	
71110 Radiologic examination, ribs, bilateral; three views .....	2.2	
71111 including posteroanterior chest, minimum of four views .....	2.5	
71120 Radiologic examination; sternum, minimum of two views .....	1.7	
71130 sternoclavicular joint or joints, minimum of three views .....	1.9	
71250 Computed tomography, thorax; without contrast material .....	14.2	
71260 with contrast material(s) .....	16.7	
71270 without contrast material, followed by contrast material(s) and further sections .....	20.4	
71275 Computed tomographic angiography, chest, without contrast material(s), followed by contrast material(s) and further sections, including image post-processing .....	19.9	
71550 Magnetic resonance (eg, proton) imaging, chest (eg, for evaluation of hilar and mediastinal lymphadenopathy); without contrast material(s) .....	25.6	
71551 with contrast material(s) .....	28.8	
71552 without contrast material(s), followed by contrast material(s) and further sequences .....	51.3	
71555 Magnetic resonance angiography, chest (excluding myocardium), with or without contrast material(s) .....	26.0	
72010 Radiologic examination, spine, entire, survey study, anteroposterior and lateral .....	3.1	
72020 Radiologic examination, spine, single view, specify level .....	1.2	
72040 Radiologic examination, spine, cervical; two or three views .....	1.7	
72050 minimum of four views .....	2.5	
72052 complete, including oblique and flexion and/or extension studies .....	3.1	
72069 Radiologic examination, spine, thoracolumbar, standing (scoliosis) .....	1.5	
72070 Radiologic examination, spine; thoracic, two views .....	1.8	
72072 thoracic, three views .....	2.0	
72074 thoracic, minimum of four views .....	2.3	
72080 thoracolumbar, two views .....	1.8	
72090 scoliosis study, including supine and erect studies .....	2.0	
72100 Radiologic examination, spine, lumbosacral; two or three views .....	1.8	
72110 minimum of four views .....	2.5	
72114 complete, including bending views .....	3.2	
72120 Radiologic examination, spine, lumbosacral, bending views only, minimum of four views .....	2.3	
72125 Computed tomography, cervical spine; without contrast material .....	14.2	
72126 with contrast material .....	16.6	
72127 without contrast material, followed by contrast material(s) and further sections .....	20.2	
72128 Computed tomography, thoracic spine; without contrast material .....	14.2	
72129 with contrast material .....	16.6	
72130 without contrast material, followed by contrast material(s) and further sections .....	20.2	
72131 Computed tomography, lumbar spine; without contrast material .....	14.2	
72132 with contrast material .....	16.6	
72133 without contrast material, followed by contrast material(s) and further sections .....	20.2	
72141 Magnetic resonance (eg, proton) imaging, spinal canal and contents, cervical; without contrast material .....	25.6	
72142 with contrast material(s) .....	30.7	
72146 Magnetic resonance (eg, proton) imaging, spinal canal and contents, thoracic; without contrast material .....	28.0	
72147 with contrast material(s) .....	30.7	

		Unit Value	Follow-up Days
72148	Magnetic resonance (eg, proton) imaging, spinal canal and contents, lumbar; without contrast material.....	27.7	
72149	with contrast material(s).....	30.3	
72156	Magnetic resonance (eg, proton) imaging, spinal canal and contents, without contrast material, followed by contrast material(s) and further sequences; cervical.....	54.5	
72157	thoracic.....	54.5	
72158	lumbar.....	54.0	
72170	Radiologic examination, pelvis; one or two views.....	1.4	
72190	complete, minimum of three views.....	1.8	
72191	Computed tomographic angiography, pelvis, without contrast material(s), followed by contrast material(s) and further sections, including image post-processing.....	19.3	
72192	Computed tomography, pelvis; without contrast material.....	14.1	
72193	with contrast material(s).....	16.0	
72194	without contrast material, followed by contrast material(s) and further sections.....	19.4	
72195	Magnetic resonance (eg, proton) imaging, pelvis; without contrast material(s).....	24.1	
72196	with contrast material(s).....	25.6	
72197	without contrast material(s), followed by contrast material(s) and further sequences.....	51.6	
72200	Radiologic examination, sacroiliac joints; less than three views.....	1.4	
72202	three or more views.....	1.7	
72220	Radiologic examination, sacrum and coccyx, minimum of two views.....	1.5	
72240	Myelography, cervical, radiological supervision and interpretation.....	11.4	
72255	Myelography, thoracic, radiological supervision and interpretation.....	10.6	
72265	Myelography, lumbosacral, radiological supervision and interpretation.....	9.9	
72270	Myelography, entire spinal canal, radiological supervision and interpretation.....	15.0	
72275	Epidurography, radiological supervision and interpretation.....	5.4	
72285	Diskography, cervical or thoracic, radiological supervision and interpretation.....	18.9	
72295	Diskography, lumbar, radiological supervision and interpretation.....	17.3	
73000	Radiologic examination; clavicle, complete.....	1.4	
73010	scapula, complete.....	1.4	
73020	Radiologic examination, shoulder; one view.....	1.3	
73030	complete, minimum of two views.....	1.5	
73040	Radiologic examination, shoulder, arthrography, radiological supervision and interpretation.....	5.4	
73050	Radiologic examination; acromioclavicular joints, bilateral, with or without weighted distraction.....	1.8	
73060	humerus, minimum of two views.....	1.5	
73070	Radiologic examination, elbow; two views.....	1.4	
73080	complete, minimum of three views.....	1.5	
73085	Radiologic examination, elbow, arthrography, radiological supervision and interpretation.....	5.4	
73090	Radiologic examination; forearm, two views.....	1.4	
73100	Radiologic examination, wrist; two views.....	1.4	
73110	complete, minimum of three views.....	1.4	
73115	Radiologic examination, wrist, arthrography, radiological supervision and interpretation.....	4.4	
73120	Radiologic examination, hand; two views.....	1.4	
73130	minimum of three views.....	1.4	
73140	Radiologic examination, finger(s), minimum of two views.....	1.2	
73200	Computed tomography, upper extremity; without contrast material.....	12.2	
73201	with contrast material(s).....	14.2	
73202	without contrast material, followed by contrast material(s) and further sections.....	17.3	

	Unit Value	Follow-up Days
73206 Computed tomographic angiography, upper extremity, without contrast material(s), followed by contrast material(s) and further sections, including image post-processing.....	17.3	
73218 Magnetic resonance (eg, proton) imaging, upper extremity, other than joint; without contrast material(s).....	23.7	
73219     with contrast material(s).....	28.4	
73220     without contrast material(s), followed by contrast material(s) and further sequences.....	25.3	
73221 Magnetic resonance (eg, proton) imaging, any joint of upper extremity; without contrast material(s).....	25.1	
73222     with contrast material(s).....	28.4	
73223     without contrast material(s), followed by contrast material(s) and further sequences.....	51.2	
73500 Radiologic examination, hip, unilateral; one view.....	1.3	
73510     complete, minimum of two views.....	1.6	
73520 Radiologic examination, hips, bilateral, minimum of two views of each hip, including anteroposterior view of pelvis.....	1.9	
73525 Radiologic examination, hip, arthrography, radiological supervision and interpretation.....	5.4	
73530 Radiologic examination, hip, during operative procedure.....	1.7	
73542 Radiological examination, sacroiliac joint arthrography, radiological supervision and interpretation.....	5.2	
73550 Radiologic examination, femur, two views.....	1.5	
73560 Radiologic examination, knee; one or two views.....	1.4	
73562     three views.....	1.6	
73564     complete, four or more views.....	1.7	
73565     both knees, standing, anteroposterior.....	1.4	
73580 Radiologic examination, knee, arthrography, radiological supervision and interpretation.....	6.4	
73590 Radiologic examination; tibia and fibula, two views.....	1.4	
73600 Radiologic examination, ankle; two views.....	1.4	
73610     complete, minimum of three views.....	1.4	
73615 Radiologic examination, ankle, arthrography, radiological supervision and interpretation.....	5.4	
73620 Radiologic examination, foot; two views.....	1.4	
73630     complete, minimum of three views.....	1.4	
73650 Radiologic examination; calcaneus, minimum of two views.....	1.3	
73660     toe(s), minimum of two views.....	1.2	
73700 Computed tomography, lower extremity; without contrast material.....	12.2	
73701     with contrast material(s).....	14.2	
73702     without contrast material, followed by contrast material(s) and further sections.....	17.3	
73706 Computed tomographic angiography, lower extremity, without contrast material(s), followed by contrast material(s) and further sections, including image post-processing.....	17.3	
73718 Magnetic resonance (eg, proton) imaging, lower extremity other than joint; without contrast material(s).....	23.7	
73719     with contrast material(s).....	28.4	
73720     without contrast material(s), followed by contrast material(s) and further sequences.....	25.3	
73721 Magnetic resonance (eg, proton) imaging, any joint of lower extremity; without contrast material.....	25.1	
73722     with contrast material(s).....	28.4	
73723     without contrast material(s), followed by contrast material(s) and further sequences.....	51.2	
73725 Magnetic resonance angiography, lower extremity, with or without contrast material(s).....	25.9	
74000 Radiologic examination, abdomen; single anteroposterior view.....	1.4	
74010     anteroposterior and additional oblique and cone views.....	1.7	

		Unit Value	Follow-up Days
74020	complete, including decubitus and/or erect views .....	1.8	
74022	complete acute abdomen series, including supine, erect, and/or decubitus views, single view chest .....	2.2	
74150	Computed tomography, abdomen; without contrast material.....	13.8	
74160	with contrast material(s) .....	16.3	
74170	without contrast material, followed by contrast material(s) and further sections .....	19.8	
74175	Computed tomographic angiography, abdomen, without contrast material(s), followed by contrast material(s) and further sections, including image post- processing.....	19.3	
74181	Magnetic resonance (eg, proton) imaging, abdomen; without contrast material(s) .....	25.6	
74182	with contrast material(s) .....	28.8	
74183	without contrast material(s), followed by with contrast material(s) and further sequences.....	51.6	
74185	Magnetic resonance angiography, abdomen, with or without contrast material(s).....	25.9	
74190	Peritoneogram (eg, after injection of air or contrast), radiological supervision and interpretation .....	3.6	
74210	Radiologic examination; pharynx and/or cervical esophagus .....	3.2	
74220	esophagus .....	3.4	
74230	Swallowing function, with cineradiography/video radiography .....	3.8	
74235	Removal of foreign body(s), esophageal, with use of balloon catheter, radiological supervision and interpretation .....	7.9	
74240	Radiologic examination, gastrointestinal tract, upper; with or without delayed films, without KUB .....	4.5	
74241	with or without delayed films, with KUB.....	4.5	
74245	with small intestine, includes multiple serial films.....	6.8	
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 .....	4.8	
74247	with or without delayed films, with KUB.....	4.9	
74249	with small intestine follow-through.....	7.1	
74250	Radiologic examination, small intestine, includes multiple serial films; .....	3.6	
74251	via enteroclysis tube .....	4.1	
74260	Duodenography, hypotonic .....	4.1	
74270	Radiologic examination, colon; barium enema, with or without KUB .....	5.0	
74280	air contrast with specific high density barium, with or without glucagon.....	6.7	
74283	Therapeutic enema, contrast or air, for reduction of intussusception or other intraluminal obstruction (eg, meconium ileus).....	9.7	
74290	Cholecystography, oral contrast;.....	2.2	
74291	additional or repeat examination or multiple day examination.....	1.3	
74300	Cholangiography and/or pancreatography; intraoperative, radiological supervision and interpretation .....	0.8	
74301	additional set intraoperative, radiological supervision and interpretation (List separately in addition to code for primary procedure).....	0.5	
74305	through existing catheter, radiological supervision and interpretation .....	2.5	
74320	Cholangiography, percutaneous, transhepatic, radiological supervision and interpretation .....	7.4	
74327	Postoperative biliary duct calculus removal, percutaneous via T-tube tract, basket, or snare (eg, Burhenne technique), radiological supervision and interpretation .....	5.1	
74328	Endoscopic catheterization of the biliary ductal system, radiological supervision and interpretation .....	7.8	
74329	Endoscopic catheterization of the pancreatic ductal system, radiological supervision and interpretation .....	7.8	
74330	Combined endoscopic catheterization of the biliary and pancreatic ductal systems, radiological supervision and interpretation.....	8.2	

	Unit Value	Follow-up Days	
74340	Introduction of long gastrointestinal tube (eg, Miller-Abbott), including multiple fluoroscopies and films, radiological supervision and interpretation.....	6.4	
74350	Percutaneous placement of gastrostomy tube, radiological supervision and interpretation .....	7.9	
74355	Percutaneous placement of enteroclysis tube, radiological supervision and interpretation .....	6.9	
74360	Intraluminal dilation of strictures and/or obstructions (eg, esophagus), radiological supervision and interpretation.....	7.5	
74363	Percutaneous transhepatic dilatation of biliary duct stricture with or without placement of stent, radiological supervision and interpretation.....	14.0	
74400	Urography (pyelography), intravenous, with or without KUB, with or without tomography .....	4.5	
74410	Urography, infusion, drip technique and/or bolus technique; .....	5.0	
74415	with nephrotomography.....	5.3	
74420	Urography, retrograde, with or without KUB .....	6.0	
74425	Urography, antegrade, (pyelostogram, nephrostogram, loopogram), radiological supervision and interpretation .....	3.4	
74430	Cystography, minimum of three views, radiological supervision and interpretation .....	2.8	
74440	Vasography, vesiculography, or epididymography, radiological supervision and interpretation .....	3.1	
74445	Corpora cavernosography, radiological supervision and interpretation.....	4.9	
74450	Urethrocytography, retrograde, radiological supervision and interpretation.....	3.6	
74455	Urethrocytography, voiding, radiological supervision and interpretation.....	3.9	
74470	Radiologic examination, renal cyst study, translumbar, contrast visualization, radiological supervision and interpretation.....	3.7	
74475	Introduction of intracatheter or catheter into renal pelvis for drainage and/or injection, percutaneous, radiological supervision and interpretation .....	9.2	
74480	Introduction of ureteral catheter or stent into ureter through renal pelvis for drainage and/or injection, percutaneous, radiological supervision and interpretation .....	9.2	
74485	Dilation of nephrostomy, ureters, or urethra, radiological supervision and interpretation .....	7.4	
74710	Pelvimetry, with or without placental localization.....	2.9	
74740	Hysterosalpingography, radiological supervision and interpretation.....	3.4	
74742	Transcervical catheterization of fallopian tube, radiological supervision and interpretation .....	7.5	
75552	Cardiac magnetic resonance imaging for morphology; without contrast material.....	25.6	
75553	with contrast material .....	26.3	
75554	Cardiac magnetic resonance imaging for function, with or without morphology; complete study.....	26.1	
75555	limited study .....	26.0	
75600	Aortography, thoracic, without serialography, radiological supervision and interpretation .....	25.8	
75605	Aortography, thoracic, by serialography, radiological supervision and interpretation .....	27.2	
75625	Aortography, abdominal, by serialography, radiological supervision and interpretation .....	27.2	
75630	Aortography, abdominal plus bilateral iliofemoral lower extremity, catheter, by serialography, radiological supervision and interpretation .....	29.6	
75635	Computed tomographic angiography, abdominal aorta and bilateral iliofemoral lower extremity runoff, radiological supervision and interpretation, without contrast material(s), followed by contrast material(s) and further sections, including image post-processing.....	20.9	
75650	Angiography, cervicocerebral, catheter, including vessel origin, radiological supervision and interpretation .....	28.0	
75658	Angiography, brachial, retrograde, radiological supervision and interpretation.....	27.7	
75660	Angiography, external carotid, unilateral, selective, radiological supervision and		

	Unit Value	Follow-up Days
interpretation .....	27.6	
75662 Angiography, external carotid, bilateral, selective, radiological supervision and interpretation .....	28.5	
75665 Angiography, carotid, cerebral, unilateral, radiological supervision and interpretation .....	27.6	
75671 Angiography, carotid, cerebral, bilateral, radiological supervision and interpretation .....	28.4	
75676 Angiography, carotid, cervical, unilateral, radiological supervision and interpretation .....	27.6	
75680 Angiography, carotid, cervical, bilateral, radiological supervision and interpretation .....	28.4	
75685 Angiography, vertebral, cervical, and/or intracranial, radiological supervision and interpretation .....	27.6	
75705 Angiography, spinal, selective, radiological supervision and interpretation.....	29.6	
75710 Angiography, extremity, unilateral, radiological supervision and interpretation.....	27.2	
75716 Angiography, extremity, bilateral, radiological supervision and interpretation.....	27.6	
75722 Angiography, renal, unilateral, selective (including flush aortogram), radiological supervision and interpretation.....	27.2	
75724 Angiography, renal, bilateral, selective (including flush aortogram), radiological supervision and interpretation .....	28.1	
75726 Angiography, visceral, selective or supraseductive, (with or without flush aortogram), radiological supervision and interpretation .....	27.2	
75731 Angiography, adrenal, unilateral, selective, radiological supervision and interpretation .....	27.2	
75733 Angiography, adrenal, bilateral, selective, radiological supervision and interpretation .....	27.6	
75736 Angiography, pelvic, selective or supraseductive, radiological supervision and interpretation .....	27.2	
75741 Angiography, pulmonary, unilateral, selective, radiological supervision and interpretation .....	27.6	
75743 Angiography, pulmonary, bilateral, selective, radiological supervision and interpretation .....	28.4	
75746 Angiography, pulmonary, by nonselective catheter or venous injection, radiological supervision and interpretation.....	27.2	
75756 Angiography, internal mammary, radiological supervision and interpretation.....	27.3	
75774 Angiography, selective, each additional vessel studied after basic examination, radiological supervision and interpretation (List separately in addition to code for primary procedure).....	25.4	
75790 Angiography, arteriovenous shunt (eg, dialysis patient), radiological supervision and interpretation .....	6.9	
75801 Lymphangiography, extremity only, unilateral, radiological supervision and interpretation .....	12.5	
75803 Lymphangiography, extremity only, bilateral, radiological supervision and interpretation .....	13.3	
75805 Lymphangiography, pelvic/abdominal, unilateral, radiological supervision and interpretation .....	13.8	
75807 Lymphangiography, pelvic/abdominal, bilateral, radiological supervision and interpretation .....	14.6	
75809 Shuntogram for investigation of previously placed indwelling nonvascular shunt (eg, LeVein shunt, ventriculoperitoneal shunt, indwelling infusion pump), radiological supervision and interpretation.....	2.6	
75810 Splenoportography, radiological supervision and interpretation.....	27.2	
75820 Venography, extremity, unilateral, radiological supervision and interpretation.....	3.5	
75822 Venography, extremity, bilateral, radiological supervision and interpretation.....	5.3	
75825 Venography, caval, inferior, with serialography, radiological supervision and interpretation .....	27.2	
75827 Venography, caval, superior, with serialography, radiological supervision and interpretation .....	27.2	

		Unit Value	Follow-up Days
75831	Venography, renal, unilateral, selective, radiological supervision and interpretation .....	27.2	
75833	Venography, renal, bilateral, selective, radiological supervision and interpretation .....	28.0	
75840	Venography, adrenal, unilateral, selective, radiological supervision and interpretation .....	27.2	
75842	Venography, adrenal, bilateral, selective, radiological supervision and interpretation .....	28.0	
75860	Venography, sinus or jugular, catheter, radiological supervision and interpretation .....	27.2	
75870	Venography, superior sagittal sinus, radiological supervision and interpretation.....	27.2	
75872	Venography, epidural, radiological supervision and interpretation .....	27.2	
75880	Venography, orbital, radiological supervision and interpretation .....	3.5	
75885	Percutaneous transhepatic portography with hemodynamic evaluation, radiological supervision and interpretation .....	27.9	
75887	Percutaneous transhepatic portography without hemodynamic evaluation, radiological supervision and interpretation .....	27.9	
75889	Hepatic venography, wedged or free, with hemodynamic evaluation, radiological supervision and interpretation .....	27.2	
75891	Hepatic venography, wedged or free, without hemodynamic evaluation, radiological supervision and interpretation .....	27.2	
75893	Venous sampling through catheter, with or without angiography (eg, for parathyroid hormone, renin), radiological supervision and interpretation .....	25.8	
75894	Transcatheter therapy, embolization, any method, radiological supervision and interpretation .....	50.1	
75896	Transcatheter therapy, infusion, any method (eg, thrombolysis other than coronary), radiological supervision and interpretation.....	44.0	
75898	Angiogram through existing catheter for follow-up study for transcatheter therapy, embolization or infusion.....	5.9	
75900	Exchange of a previously placed arterial catheter during thrombolytic therapy with contrast monitoring, radiological supervision and interpretation .....	42.1	
75940	Percutaneous placement of IVC filter, radiological supervision and interpretation .....	25.8	
75945	Intravascular ultrasound (non-coronary vessel), radiological supervision and interpretation; initial vessel .....	10.0	
75946	each additional non-coronary vessel (List separately in addition to code for primary procedure) .....	5.5	
75952	Endovascular repair of infrarenal abdominal aortic aneurysm or dissection, radiological supervision and interpretation .....	10.5	
75953	Placement of proximal or distal extension prosthesis for endovascular repair of infrarenal aortic or iliac artery aneurysm, pseudoaneurysm or dissection, radiological supervision and interpretation .....	4.2	
75960	Transcatheter introduction of intravascular stent(s), (non-coronary vessel), percutaneous and/or open, radiological supervision and interpretation, each vessel.....	31.0	
75961	Transcatheter retrieval, percutaneous, of intravascular foreign body (eg, fractured venous or arterial catheter), radiological supervision and interpretation.....	30.3	
75962	Transluminal balloon angioplasty, peripheral artery, radiological supervision and interpretation .....	32.0	
75964	Transluminal balloon angioplasty, each additional peripheral artery, radiological supervision and interpretation (List separately in addition to code for primary procedure) .....	17.2	
75966	Transluminal balloon angioplasty, renal or other visceral artery, radiological supervision and interpretation .....	33.8	

		Unit Value	Follow-up Days
75968	Transluminal balloon angioplasty, each additional visceral artery, radiological supervision and interpretation (List separately in addition to code for primary procedure) .....	17.2	
75970	Transcatheter biopsy, radiological supervision and interpretation .....	24.5	
75978	Transluminal balloon angioplasty, venous (eg, subclavian stenosis), radiological supervision and interpretation .....	32.2	
75980	Percutaneous transhepatic biliary drainage with contrast monitoring, radiological supervision and interpretation .....	13.9	
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 .....	15.2	
75984	Change of percutaneous tube or drainage catheter with contrast monitoring (eg, gastrointestinal system, genitourinary system, abscess), radiological supervision and interpretation .....	5.5	
75989	Radiological guidance (ie, flouroscopy, ultrasound, or computed tomography) for percutaneous drainage (eg, abscess, specimen collection), with placement of catheter, radiological supervision and interpretation.....	8.9	
75992	Transluminal atherectomy, peripheral artery, radiological supervision and interpretation .....	32.0	
75993	Transluminal atherectomy, each additional peripheral artery, radiological supervision and interpretation (List separately in addition to code for primary procedure) .....	17.2	
75994	Transluminal atherectomy, renal, radiological supervision and interpretation .....	33.8	
75995	Transluminal atherectomy, visceral, radiological supervision and interpretation .....	33.8	
75996	Transluminal atherectomy, each additional visceral artery, radiological supervision and interpretation (List separately in addition to code for primary procedure) .....	17.2	
76000	Flouroscopy (separate procedure), up to one hour physician time, other than 71023 or 71034 (eg, cardiac flouroscopy) .....	3.0	
76001	Flouroscopy, physician time more than one hour, assisting a non-radiologic physician (eg, nephrostolithotomy, ERCP, bronchoscopy, transbronchial biopsy) .....	6.7	
76003	Flourosopic guidance for needle placement (eg, biopsy, aspiration, injection, localization device) .....	3.8	
76005	Flourosopic guidance and localization of needle or catheter tip for spine or paraspinous diagnostic or therapeutic injection procedures (epidural, transforaminal epidural, subarachnoid, paravertebral facet joint, paravertebral facet joint nerve or sacroiliac joint), including neurolytic agent destruction .....	3.8	
76006	Manual application of stress performed by physician for joint radiography, including contralateral joint if indicated .....	0.9	
76012	Radiological supervision and interpretation, percutaneous vertebroplasty, per vertebral body; under flourosopic guidance .....	4.7	
76013	under CT guidance.....	3.9	
76020	Bone age studies.....	1.5	
76040	Bone length studies (orthoroentgenogram, scanogram).....	2.2	
76061	Radiologic examination, osseous survey; limited (eg, for metastases) .....	3.0	
76062	complete (axial and appendicular skeleton).....	4.1	
76066	Joint survey, single view, two or more joints (specify).....	2.9	
76075	Dual energy x-ray absorptiometry (DEXA), bone density study, one or more sites; axial skeleton (eg, hips, pelvis, spine).....	6.7	
76076	appendicular skeleton (peripheral) (eg, radius, wrist, heel).....	2.0	
76078	Radiographic absorptiometry (eg. Photodensitometry, radiogrammetry), one or more sites .....	2.0	
76080	Radiologic examination, abscess, fistula or sinus tract study, radiological supervision and interpretation .....	3.3	
76086	Mammary ductogram or galactogram, single duct, radiological supervision and interpretation .....	5.9	
76088	Mammary ductogram or galactogram, multiple ducts, radiological supervision		

	Unit Value	Follow-up Days
and interpretation .....	8.2	
76090 Mammography; unilateral .....	3.3	
76091     bilateral .....	4.0	
76093 Magnetic resonance imaging, breast, without and/or with contrast material(s); unilateral .....	38.1	
76094     bilateral .....	50.4	
76095 Stereotactic localization guidance for breast biopsy or needle placement (eg, for wire localization or for injection), each lesion, radiological supervision and interpretation .....	17.7	
76096 Mammographic guidance for needle placement, breast (eg, for wire localization or for injection), each lesion, radiological supervision and interpretation .....	3.9	
76098 Radiological examination, surgical specimen .....	1.2	
76100 Radiologic examination, single plane body section (eg, tomography), other than with urography .....	3.8	
76101 Radiologic examination, complex motion (ie, hypercycloidal) body section (eg, mastoid polytomography), other than with urography; unilateral .....	4.1	
76102     bilateral .....	4.8	
76120 Cineradiography/videoradiography, except where specifically included.....	3.0	
76125 Cineradiography/videoradiography to complement routine examination (List separately in addition to code for primary procedure) .....	2.2	
76150 Xeroradiography .....	0.8	
76355 Computed tomography guidance for stereotactic localization .....	18.9	
76360 Computed tomography guidance for needle placement (eg, biopsy, aspiration, injection, localization device), radiological supervision and interpretation.....	18.8	
76370 Computed tomography guidance for placement of radiation therapy fields .....	7.7	
76375 Coronal, sagittal, multiplanar, oblique, 3-dimensional and/or holographic reconstruction of computerized axial tomography, magnetic resonance imaging, or other tomographic modality.....	7.3	
76380 Computed tomography, limited or localized follow-up study.....	9.1	
76390 Magnetic resonance spectroscopy .....	25.1	
76393 Magnetic resonance guidance for needle replacement (eg, for biopsy, needle aspiration, injection, or placement of localization device) radiological supervision and interpretation .....	25.1	
76400 Magnetic resonance (eg, proton) imaging, bone marrow blood supply .....	25.6	

### **Diagnostic Ultrasound**

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.....	4.3	
76511 Ophthalmic ultrasound, echography, diagnostic; A-scan only, with amplitude quantification.....	4.6	
76512     contact B-scan (with or without simultaneous A-scan) .....	4.6	
76513     anterior segment ultrasound, immersion (water bath) B-scan or high resolution biomicroscopy .....	4.6	
76516 Ophthalmic biometry by ultrasound echography, A-scan;.....	3.8	
76519     with intraocular lens power calculation .....	3.8	
76529 Ophthalmic ultrasonic foreign body localization .....	4.1	
76536 Ultrasound, soft tissues of head and neck (eg, thyroid, parathyroid, parotid), B- scan and/or real time with image documentation .....	4.1	
76604 Ultrasound, chest, B-scan (includes mediastinum) and/or real time with image documentation .....	3.8	
76645 Ultrasound, breast(s) (unilateral or bilateral), B-scan and/or real time with image documentation .....	3.3	

		Unit Value	Follow-up Days
76700	Ultrasound, abdominal, B-scan and/or real time with image documentation; complete .....	5.7	
76705	limited (eg, single organ, quadrant, follow-up) .....	4.2	
76770	Ultrasound, retroperitoneal (eg, renal, aorta, nodes), B-scan and/or real time with image documentation; complete.....	5.6	
76775	limited .....	4.1	
76778	Ultrasound, transplanted kidney, B-scan and/or real time with image documentation, with or without duplex Doppler studies .....	5.6	
76800	Ultrasound, spinal canal and contents .....	5.4	
76830	Ultrasound, transvaginal .....	4.6	
76831	Hysterosonography, with or without color flow Doppler .....	4.7	
76856	Ultrasound, pelvic (nonobstetric), B-scan and/or real time with image documentation; complete .....	4.6	
76857	limited or follow-up (eg, for follicles).....	3.0	
76870	Ultrasound, scrotum and contents .....	4.5	
76872	Echography, transrectal;.....	4.6	
76873	prostate volume study for brachytherapy treatment planning (separate procedure).....	7.1	
76880	Ultrasound, extremity, non-vascular, B-scan and /or real time with image documentation .....	4.2	
76930	Ultrasonic guidance for pericardiocentesis, imaging supervision and interpretation .....	4.6	
76932	Ultrasonic guidance for endomyocardial biopsy, imaging supervision and interpretation .....	4.6	
76936	Ultrasound guided compression repair of arterial pseudoaneurysm or arteriovenous fistulae (includes diagnostic ultrasound evaluation, compression of lesion and imaging).....	17.4	
76950	Ultrasonic guidance for placement of radiation therapy fields.....	3.9	
76965	Ultrasonic guidance for interstitial radioelement application.....	14.9	
76970	Ultrasound study follow-up (specify) .....	3.0	
76975	Gastrointestinal endoscopic ultrasound, supervision and interpretation .....	4.9	
76977	Ultrasound bone density measurement and interpretation, peripheral site(s), any method.....	1.7	
76986	Ultrasonic guidance, intraoperative.....	8.0	

### **Radiation Oncology**

77261	Therapeutic radiology treatment planning; simple .....	3.3	
77262	intermediate .....	5.0	
77263	complex .....	7.5	
77280	Therapeutic radiology simulation-aided field setting; simple .....	8.4	
77285	intermediate .....	13.3	
77290	complex .....	16.4	
77295	three-dimensional .....	65.3	
77300	Basic radiation dosimetry calculation, central axis depth dose calculation, TDF, NSD, gap calculation, off axis factor, tissue inhomogeneity factors, calculation of nonionizing radiation surface and depth dose, as required during course of treatment, only when prescribed by the treating physician .....	4.1	
77305	Teletherapy, isodose plan (whether hand or computer calculated); simple (one or two parallel opposed unmodified ports directed to a single area of interest) .....	5.3	
77310	intermediate (three or more treatment ports directed to a single area of interest).....	7.0	
77315	complex (mantle or inverted Y, tangential ports, the use of wedges, compensators, complex blocking, rotational beam, or special beam considerations).....	8.9	
77321	Special teletherapy port plan, particles, hemibody, total body.....	10.1	

		Unit Value	Follow-up Days
77326	Brachytherapy isodose plan; simple (calculation made from single plane, one to four sources/ribbon application, remote afterloading brachytherapy, 1 to 8 sources) .....	6.8	
77327	intermediate (multiplane dosage calculations, application involving 5 to 10 sources/ribbons, remote afterloading brachytherapy, 9 to 12 sources).....	10.0	
77328	complex (multiplane isodose plan, volume implant calculations, over 10 sources/ribbons used, special spatial reconstruction, remote afterloading brachytherapy, over 12 sources).....	14.6	
77331	Special dosimetry (eg, TLD, microdosimetry) (specify), only when prescribed by the treating physician .....	3.0	
77332	Treatment devices, design and construction; simple (simple block, simple bolus).....	3.9	
77333	intermediate (multiple blocks, stents, bite blocks, special bolus).....	5.7	
77334	complex (irregular blocks, special shields, compensators, wedges, molds or casts).....	9.3	
77336	Continuing medical physics consultation, including assessment of treatment parameters, quality assurance of dose delivery, and review of patient treatment documentation in support of the radiation oncologist, reported per week of therapy.....	5.8	
77370	Special medical radiation physics consultation.....	6.8	
77401	Radiation treatment delivery, superficial and/or ortho voltage .....	3.5	
77402	Radiation treatment delivery, single treatment area, single port or parallel opposed ports, simple blocks or no blocks; up to 5 MeV .....	3.5	
77403	6-10 MeV.....	3.5	
77404	11-19 MeV.....	3.5	
77406	20 MeV or greater.....	3.5	
77407	Radiation treatment delivery, two separate treatment areas, three or more ports on a single treatment area, use of multiple blocks; up to 5 MeV .....	4.1	
77408	6-10 MeV.....	4.1	
77409	11-19 MeV.....	4.1	
77411	20 MeV or greater.....	4.1	
77412	Radiation treatment delivery, three or more separate treatment areas, custom blocking, tangential ports, wedges, rotational beam, compensators, special particle beam (eg, electron or neutrons); up to 5 MeV.....	4.6	
77413	6-10 MeV.....	4.6	
77414	11-19 MeV.....	4.6	
77416	20 MeV or greater.....	4.6	
77417	Therapeutic radiology port film(s) .....	1.2	
77427	Radiation treatment management, five treatments .....	7.3	
77431	Radiation therapy management with complete course of therapy consisting of one or two fractions only.....	4.4	
77432	Stereotactic radiation treatment management of cerebral lesion(s) (complete course of treatment consisting of one session).....	20.5	
77470	Special treatment procedure (eg, total body irradiation, hemibody radiation, per oral, endocavitary or intraoperative cone irradiation) .....	26.7	
77600	Hyperthermia, externally generated; superficial (ie, heating to a depth of 4 cm or less) .....	9.6	
77605	deep (ie, heating to depths greater than 4 cm) .....	12.9	
77610	Hyperthermia generated by interstitial probe(s); 5 or fewer interstitial applicators .....	9.6	
77615	more than 5 interstitial applicators.....	12.9	
77620	Hyperthermia generated by intracavitary probe(s).....	9.7	
77750	Infusion or instillation of radioelement solution .....	14.0	
77761	Intracavitary radiation source application; simple .....	13.7	
77762	intermediate .....	20.5	
77763	complex .....	28.8	
77776	Interstitial radiation source application; simple .....	15.0	
77777	intermediate .....	25.8	
77778	complex .....	36.1	

		Unit Value	Follow-up Days
77781	Remote afterloading high intensity brachytherapy; 1-4 source positions or catheters.....	43.5	
77782	5-8 source positions or catheters.....	45.4	
77783	9-12 source positions or catheters.....	48.3	
77784	over 12 source positions or catheters.....	52.7	
77789	Surface application of radiation source.....	3.5	
77790	Supervision, handling, loading of radiation source.....	3.5	

### Nuclear Medicine

78000	Thyroid uptake; single determination.....	2.4	
78001	multiple determinations.....	3.1	
78003	stimulation, suppression or discharge (not including initial uptake studies).....	2.7	
78006	Thyroid imaging, with uptake; single determination.....	5.8	
78007	multiple determinations.....	6.2	
78010	Thyroid imaging; only.....	4.5	
78011	with vascular flow.....	5.8	
78015	Thyroid carcinoma metastases imaging; limited area (eg, neck and chest only).....	6.6	
78016	with additional studies (eg, urinary recovery).....	8.7	
78018	whole body.....	12.6	
78020	Thyroid carcinoma metastases uptake (List separately in addition to code for primary procedure).....	1.6	
78070	Parathyroid imaging.....	5.3	
78075	Adrenal imaging, cortex and/or medulla.....	12.3	
78102	Bone marrow imaging; limited area.....	5.3	
78103	multiple areas.....	8.0	
78104	whole body.....	9.8	
78110	Plasma volume, radiopharmaceutical volume-dilution technique (separate procedure); single sampling.....	2.3	
78111	multiple samplings.....	5.5	
78120	Red cell volume determination (separate procedure); single sampling.....	4.0	
78121	multiple samplings.....	6.4	
78122	Whole blood volume determination, including separate measurement of plasma volume and red cell volume (radiopharmaceutical volume-dilution technique).....	10.0	
78130	Red cell survival study;.....	7.0	
78135	differential organ/tissue kinetics, (eg, splenic and/or hepatic sequestration).....	11.0	
78140	Labeled red cell sequestration, differential organ/tissue, (eg, splenic and/or hepatic).....	9.1	
78160	Plasma radioiron disappearance (turnover) rate.....	7.9	
78162	Radioiron oral absorption.....	7.3	
78170	Radioiron red cell utilization.....	11.3	
78172	Chelatable iron for estimation of total body iron.....	1.3	
78185	Spleen imaging only, with or without vascular flow.....	5.6	
78190	Kinetics, study of platelet survival, with or without differential organ/tissue localization.....	13.8	
78191	Platelet survival study.....	15.7	
78195	Lymphatics and lymph nodes imaging.....	10.5	
78201	Liver imaging; static only.....	5.6	
78202	with vascular flow.....	6.8	
78205	Liver imaging (SPECT);.....	13.2	
78206	with vascular flow.....	13.2	
78215	Liver and spleen imaging; static only.....	6.9	
78216	with vascular flow.....	8.1	
78220	Liver function study with hepatobiliary agents, with serial images.....	8.4	
78223	Hepatobiliary ductal system imaging, including gallbladder, with or without pharmacologic intervention, with or without quantitative measurement of gallbladder function.....	9.1	

		Unit Value	Follow-up Days
78230	Salivary gland imaging; .....	5.3	
78231	with serial images .....	7.4	
78232	Salivary gland function study.....	8.0	
78258	Esophageal motility.....	7.3	
78261	Gastric mucosa imaging.....	9.6	
78262	Gastroesophageal reflux study .....	9.9	
78264	Gastric emptying study.....	9.9	
78270	Vitamin B-12 absorption study (eg, Schilling test); without intrinsic factor .....	3.5	
78271	with intrinsic factor.....	3.7	
78272	Vitamin B-12 absorption studies combined, with and without intrinsic factor.....	5.2	
78278	Acute gastrointestinal blood loss imaging.....	11.8	
78282	Gastrointestinal protein loss.....	0.9	
78290	Intestine imaging (eg, ectopic gastric mucosa, Meckels localization, volvulus).....	7.5	
78291	Peritoneal-venous shunt patency test (eg, for LeVeen, Denver shunt) .....	8.0	
78300	Bone and/or joint imaging; limited area.....	6.3	
78305	multiple areas.....	9.1	
78306	whole body .....	10.3	
78315	three phase study .....	11.7	
78320	tomographic (SPECT) .....	14.0	
78350	Bone density (bone mineral content) study, one or more sites; single photon absorptiometry.....	2.0	
78414	Determination of central c-v hemodynamics (non-imaging) (eg, ejection fraction with probe technique) with or without pharmacologic intervention or exercise, single or multiple determinations .....	1.1	
78428	Cardiac shunt detection .....	6.3	
78445	Non-cardiac vascular flow imaging (ie, angiography, venography) .....	4.8	
78455	Venous thrombosis study (eg, radioactive fibrinogen) .....	9.5	
78456	Acute venous thrombosis imaging, peptide .....	9.9	
78457	Venous thrombosis imaging, venogram; unilateral.....	7.0	
78458	bilateral.....	9.9	
78460	Myocardial perfusion imaging; (planar) single study, at rest or stress (exercise and/or pahrmacologic), with or without quantification.....	6.6	
78461	multiple studies, (planar) at rest and/or stress (exercise and/or pharmacologic), and redistribution and/or rest injection, with or without quantification .....	12.1	
78464	tomographic (SPECT), single study at rest or stress (exercise and/or pharmacologic), with or without quantification .....	16.3	
78465	tomographic (SPECT), multiple studies, at rest and/or stress (exercise and/or pharmacologic) and redistribution and/or rest injection, with or without quantification .....	26.5	
78466	Myocardial imaging, infarct avid, planar; qualitative or quantitative .....	6.7	
78468	with ejection fraction by first pass technique .....	9.0	
78469	tomographic SPECT with or without quantification .....	12.4	
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 .....	13.1	
78473	multiple studies, wall motion study plus ejection fraction, at rest and stress (exercise and/or pharmacologic), with or without additional quantification .....	19.5	
78478	Myocardial perfusion study with wall motion, qualitative or quantitative study (List separately in addition to code for primary procedure).....	4.5	
78480	Mycardial perfusion study with ejection fraction (List separately in addition to code for primary procedure).....	4.5	
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.....	12.5	
78483	multiple studies, at rest and with stress (exercise and/ or pharmacologic), wall motion study plus ejection fraction, with or without quantification .....	18.9	

	Unit Value	Follow-up Days
78494	Cardiac blood pool imaging, gated equilibrium, SPECT, at rest, wall motion study plus ejection fraction, with or without quantitative processing .....	16.1
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 primary procedure) .....	4.4
78580	Pulmonary perfusion imaging, particulate .....	8.4
78584	Pulmonary perfusion imaging, particulate, with ventilation; single breath.....	8.6
78585	rebreathing and washout, with or without single breath.....	13.5
78586	Pulmonary ventilation imaging, aerosol; single projection.....	6.0
78587	multiple projections (eg, anterior, posterior, lateral views).....	6.6
78588	Pulmonary perfusion imaging, particulate, with ventilation imaging, aerosol, one or multiple projections.....	13.0
78591	Pulmonary ventilation imaging, gaseous, single breath, single projection .....	6.5
78593	Pulmonary ventilation imaging, gaseous, with rebreathing and washout with or without single breath; single projection .....	7.9
78594	multiple projections (eg, anterior, posterior, lateral views) .....	11.0
78596	Pulmonary quantitative differential function (ventilation/perfusion) study .....	16.7
78600	Brain imaging, limited procedure; static .....	6.7
78601	with vascular flow .....	7.8
78605	Brain imaging, complete study; static .....	7.9
78606	with vascular flow .....	9.0
78607	tomographic (SPECT) .....	15.7
78610	Brain imaging, vascular flow only .....	3.8
78615	Cerebral vascular flow .....	8.5
78630	Cerebrospinal fluid flow, imaging (not including introduction of material); cisternography .....	11.4
78635	ventriculography.....	6.5
78645	shunt evaluation.....	8.0
78647	tomographic (SPECT) .....	13.6
78650	Cerebrospinal fluid leakage detection and localization.....	10.5
78660	Radiopharmaceutical dacryocystography.....	5.4
78700	Kidney imaging; static only .....	7.0
78701	with vascular flow .....	8.1
78704	with function study (ie, imaging renogram) .....	9.4
78707	Kidney imaging with vascular flow and function; single study without pharmacological intervention.....	11.0
78708	single study, with pharmacological intervention (eg, angiotensin converting enzyme inhibitor and/or diuretic) .....	11.4
78709	multiple studies, with and without pharmacological intervention (eg, angiotensin converting enzyme inhibitor and/or diuretic).....	11.8
78710	Kidney imaging, tomographic (SPECT) .....	13.1
78715	Kidney vascular flow only .....	3.8
78725	Kidney function study, non-imaging radioisotopic study .....	4.4
78730	Urinary bladder residual study .....	3.7
78740	Ureteral reflex study (radiopharmaceutical voiding cystogram).....	5.5
78760	Testicular imaging;.....	6.8
78761	with vascular flow .....	7.9
78800	Radiopharmaceutical localization of tumor; limited area.....	8.2
78801	multiple areas.....	10.1
78802	whole body .....	12.8
78803	tomographic (SPECT) .....	15.4
78805	Radiopharmaceutical localization of inflammatory process; limited area.....	8.3
78806	whole body .....	14.6
78807	tomographic (SPECT) .....	15.3
78890	Generation of automated data: interactive process involving nuclear physician and/or allied health professional personnel; simple manipulations and interpretation, not to exceed 30 minutes .....	3.0
78891	complex manipulations and interpretation, exceeding 30 minutes.....	6.2

	Unit Value	Follow-up Days
79000 Radiopharmaceutical therapy, hyper-thyroidism; initial, including evaluation of patient.....	9.3	
79001     subsequent, each therapy .....	5.0	
79020 Radiopharmaceutical therapy, thyroid suppression (euthyroid cardiac disease), including evaluation of patient.....	9.3	
79030 Radiopharmaceutical ablation of gland for thyroid carcinoma .....	10.0	
79035 Radiopharmaceutical therapy for metastases of thyroid carcinoma .....	11.0	
79100 Radiopharmaceutical therapy, polycythemia vera, chronic leukemia, each treatment.....	8.2	
79200 Intracavitary radioactive colloid therapy.....	9.8	
79300 Interstitial radioactive colloid therapy.....	3.7	
79400 Radiopharmaceutical therapy, nonthyroid, nonhematologic .....	9.7	
79420 Intravascular radiopharmaceutical therapy, particulate.....	3.5	
79440 Intra-articular radiopharmaceutical therapy .....	9.8	

## PATHOLOGY AND LABORATORY

### Anatomic Pathology

88000 Necropsy (autopsy), gross examination only; without CNS .....	9.9
88005     with brain.....	14.8
88007     with brain and spinal cord .....	17.3
88020 Necropsy (autopsy), gross and microscopic; without CNS.....	19.7
88025     with brain.....	27.2
88027     with brain and spinal cord .....	29.6
88036 Necropsy (autopsy), limited, gross and/or microscopic; regional .....	30.6
88037     single organ .....	15.0
88040 Necropsy (autopsy); forensic examination.....	76.2

## MEDICINE

### Vaccines, Toxoids

90700 Diphtheria, tetanus toxoids, and acellular pertussis vaccine (DTaP), for intramuscular use.....	0.5
90701 Diphtheria, tetanus toxoids, and whole cell pertussis vaccine (DTP), for intramuscular use.....	0.5
90704 Mumps virus vaccine, live, for subcutaneous or jet injection use.....	0.5
90718 Tetanus and diphtheria toxoids (Td) adsorbed for use in individuals seven years or older, for intramuscular or jet injection .....	0.5
90719 Diphtheria toxoid, for intramuscular use.....	0.5
90727 Plague vaccine, for intramuscular or jet injection use.....	0.5
90732 Pneumococcal polysaccharide vaccine, 23-valent, adult or immunosuppressed patient dosage, for use in individuals 2 years or older, for subcutaneous or intramuscular use .....	0.5
90733 Meningococcal polysaccharide vaccine (any group(s)), for subcutaneous or injection use .....	0.5
90749 Unlisted vaccine/toxoid .....	0.5

### Therapeutic or Diagnostic Infusions

(Excludes Chemotherapy)

These procedures encompass prolonged intravenous injections. These codes require the presence of the physician during the infusion. These codes are not to be used for intradermal, subcutaneous or intramuscular or routine IV drug injections. (For these services, see 90782-90788)

(These codes may not be used in addition to prolonged services codes)

90780	Intravenous infusion for therapy/diagnosis, administered by physician or under direct supervision of physician; up to one hour .....	2.1
90781	each additional hour, up to eight (8) hours (List separately in addition to code for primary procedure) .....	1.1

### Therapeutic, Prophylactic or Diagnostic Injections

90782	Therapeutic, prophylactic or diagnostic injection (specify material injected); subcutaneous or intramuscular .....	0.2
90783	intra-arterial .....	0.8
90784	intravenous .....	0.9
90788	Intramuscular injection of antibiotic (specify) .....	0.2
90799	Unlisted therapeutic, prophylactic or diagnostic injection .....	BR

### Psychiatry

90801	Psychiatric diagnostic interview examination .....	5.2
90802	Interactive psychiatric diagnostic interview examination using play equipment, physical devices, language interpreter, or other mechanisms of communication .....	5.7
90804	Individual psychotherapy, insight oriented, behavior modifying and/or supportive, in an office or outpatient facility, approximately 20 to 30 minutes face-to-face with the patient; .....	2.3
90805	with medical evaluation and management services .....	2.5
90806	Individual psychotherapy, insight oriented, behavior modifying and/or supportive, in an office or outpatient facility, approximately 45 to 50 minutes face-to-face with the patient; .....	4.2
90807	with medical evaluation and management services .....	4.2
90808	Individual psychotherapy, insight oriented, behavior modifying and/or supportive, in an office or outpatient facility, approximately 75 to 80 minutes face-to-face with the patient; .....	5.6
90809	with medical evaluation and management services .....	5.6
90812	Individual psychotherapy, interactive, using play equipment, physical devices, language interpreter, or other mechanisms of non-verbal communication, in an office or outpatient facility, approximately 45 to 50 minutes face-to-face with the patient; .....	RVS
90813	with medical evaluation and management services .....	3.9
90814	Individual psychotherapy, interactive, using play equipment, physical devices, language interpreter, or other mechanisms of non-verbal communication, in an office or outpatient facility, approximately 75 to 80 minutes face-to-face with the patient; .....	5.6
90815	with medical evaluation and management services .....	5.7
90816	Individual psychotherapy, insight oriented, behavior modifying and/or supportive, in an inpatient hospital, partial hospital or residential care setting, approximately 20 to 30 minutes face-to-face with the patient; .....	2.4
90817	with medical evaluation and management services .....	1.8

	Unit Value	Follow-up Days
90818 Individual psychotherapy, insight oriented, behavior modifying and/or supportive, in an inpatient hospital, partial hospital or residential care setting, approximately 45 to 50 minutes face-to-face with the patient; .....	4.0	
90819 with medical evaluation and management services .....	RVS	
90821 Individual psychotherapy, insight oriented, behavior modifying and/or supportive, in an inpatient hospital, partial hospital or residential care setting, approximately 75 to 80 minutes face-to-face with the patient; .....	5.6	
90822 with medical evaluation and management services .....	5.7	
90826 Individual psychotherapy, interactive, using play equipment, physical devices, language interpreter, or other mechanisms of non-verbal communication, in an inpatient hospital, partial hospital or residential care setting, approximately 45 to 50 minutes face-to-face with the patient; .....	3.8	
90827 with medical evaluation and management services .....	3.9	
90828 Individual psychotherapy, interactive, using play equipment, physical devices, language interpreter, or other mechanisms of non-verbal communication, in an inpatient hospital, partial hospital or residential care setting, approximately 75 to 80 minutes face-to-face with the patient; .....	RVS	
90829 with medical evaluation and management services .....	5.7	
90845 Psychoanalysis .....	3.7	
90846 Family psychotherapy (without patient present) .....	3.5	
90847 Family psychotherapy (conjoint psychotherapy) (with patient present) .....	4.2	
90849 Multiple-family group psychotherapy .....	1.9	
90853 Group psychotherapy (other than of a multiple-family group) .....	1.4	
90857 Interactive group psychotherapy .....	1.3	
90862 Pharmacologic management, including prescription, use, and review of medication with no more than minimal medical psychotherapy .....	2.0	
90870 Electroconvulsive therapy (includes necessary monitoring; single seizure .....	3.8	
90871 multiple seizures, per day .....	4.7	

### **Biofeedback**

90911 Biofeedback training, perineal muscles, anorectal or urethral sphincter, including EMG and/or manometry.....	2.9	
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### **Dialysis**

90920 End stage renal disease (ESRD) related services per full month; for patients between twelve and nineteen years of age to include monitoring for the adequacy of nutrition, assessment of growth and development, and counseling of parents.....	16.8	
90921 for patients twenty years of age and over .....	11.5	
90924 End stage renal disease (ESRD) related services (less than full month), per day; for patients between twelve and nineteen years of age .....	0.6	
90925 for patients twenty years of age and over .....	0.4	
90935 Hemodialysis procedure with single physician evaluation.....	3.6	
90937 Hemodialysis procedure requiring repeated evaluation(s) with or without substantial revision of dialysis prescription .....	6.2	
90945 Dialysis procedure other than hemodialysis (eg, peritoneal dialysis, hemofiltration, or other continuous renal replacement therapies), with single physician evaluation.....	3.6	
90947 Dialysis procedure other than hemodialysis (eg, peritoneal dialysis, hemofiltration, or other continuous renal replacement therapies) requiring repeated physician evaluations, with or without substantial revision of dialysis prescription.....	6.1	
90997 Hemoperfusion (eg, with activated charcoal or resin).....	5.4	

### Gastroenterology

91000	Esophageal intubation and collection of washings for cytology, including preparation of specimens (separate procedure).....	2.1
91010	Esophageal motility (manometric study of the esophagus and/or gastroesophageal junction) study;.....	5.2
91011	with mecholyl or similar stimulant.....	6.3
91012	with acid perfusion studies.....	6.5
91020	Gastric motility (manometric) studies.....	5.7
91030	Esophagus, acid perfusion (Bernstein) test for esophagitis.....	2.5
91032	Esophagus, acid reflux test, with intraluminal pH electrode for detection of gastroesophageal reflux;.....	4.9
91033	prolonged recording.....	6.4
91052	Gastric analysis test with injection of stimulant of gastric secretion (eg, histamine, insulin, pentagastrin, calcium and secretin).....	2.6
91055	Gastric, intubation, washings, and preparing slides for cytology (separate procedure).....	2.8
91060	Gastric saline load test.....	1.8
91065	Breath hydrogen test (eg, for detection of lactase deficiency).....	1.3
91100	Intestinal bleeding tube, passage, positioning and monitoring.....	2.5
91105	Gastric intubation, and aspiration or lavage for treatment (eg, for ingested poisons).....	1.1
91122	Anorectal manometry.....	5.8

### Ophthalmology

92002	Ophthalmological services: medical examination and evaluation with initiation of diagnostic and treatment program; intermediate, new patient.....	2.8
92004	comprehensive, new patient, one or more visits.....	4.6
92012	Ophthalmological services: medical examination and evaluation, with initiation or continuation of diagnostic and treatment program; intermediate, established patient.....	2.4
92014	comprehensive, established patient, one or more visits.....	3.4
92018	Ophthalmological examination and evaluation, under general anesthesia, with or without manipulation of globe for passive range of motion or other manipulation to facilitate diagnostic examination; complete.....	3.4
92019	limited.....	3.0
92020	Gonioscopy (separate procedure).....	1.5
92060	Sensorimotor examination with multiple measurements of ocular deviation (eg, restrictive or parietic muscle with diplopia) with interpretation and report (separate procedure).....	2.6
92065	Orthoptic and/or pleoptic training, with continuing medical direction and evaluation.....	1.6
92070	Fitting of contact lens for treatment of disease, including supply of lens.....	3.1
92081	Visual field examination, unilateral or bilateral, with interpretation and report; limited examination (eg, tangent screen, Autoplot, arc perimeter, or single stimulus level automated test, such as Octopus 3 or 7 equivalent).....	2.2
92082	intermediate examination (eg, at least 2 isopters on Goldmann perimeter, or semiquantitative, automated suprathreshold screening program, Humphrey suprathreshold automatic diagnostic test, Octopus program 33).....	2.5
92083	extended examination (eg, Goldmann visual fields with at least 3 isopters plotted and static determination within the central 30°, or quantitative, automated threshold perimetry, Octopus program G-1, 32 or 42, Humphrey visual field analyzer full threshold programs 30-2, 24-2, or 30/60-2).....	2.7

	Unit Value	Follow-up Days
92100 Serial tonometry (separate procedure) with multiple measurements of intraocular pressure over an extended time period with interpretation and report, same day (eg, diurnal curve or medical treatment of acute elevation of intraocular pressure).....	2.4	
92120 Tonography with interpretation and report, recording indentation tonometer method or perilimbal suction method.....	2.2	
92130 Tonography with water provocation .....	2.5	
92135 Scanning computerized ophthalmic diagnostic imaging (eg, scanning laser) with interpretation and report, unilateral .....	3.3	
92140 Provocative tests for glaucoma, with interpretation and report, without tonography .....	1.8	
92225 Ophthalmoscopy, extended, with retinal drawing (eg, for retinal detachment, melanoma), with interpretation and report; initial.....	2.6	
92226     subsequent .....	2.6	
92230 Fluorescein angiography with interpretation and report .....	2.9	
92235 Fluorescein angiography (includes multiframe imaging) with interpretation and report .....	4.8	
92240 Indocyanine-green angiography (includes multiframe imaging) with interpretation and report.....	6.0	
92250 Fundus photography with interpretation and report.....	2.8	
92260 Ophthalmodynamometry.....	1.0	
92265 Needle oculoelectromyography, one or more extraocular muscles, one or both eyes, with interpretation and report.....	3.0	
92270 Electro-oculography with interpretation and report.....	2.9	
92275 Electroretinography with interpretation and report.....	3.1	
92283 Color vision examination, extended, eg, anomaloscope or equivalent .....	1.2	
92284 Dark adaptation examination with interpretation and report.....	1.6	
92285 External ocular photography with interpretation and report for documentation of medical progress (eg, closeup photography, slit lamp photography, goniphotography, stereo-photography).....	2.4	
92286 Special anterior segment photography with interpretation and report; with specular endothelial microscopy and cell count.....	4.2	
92287     with fluorescein angiography .....	4.6	
92311 Prescription of optical and physical characteristics of and fitting of contact lens, with medical supervision of adaptation; corneal lens for aphakia, one eye .....	3.5	
92312     corneal lens for aphakia, both eyes.....	4.0	
92313     corneoscleral lens .....	3.1	
92315 Prescription of optical and physical characteristics of contact lens, with medical supervision of adaptation and direction of fitting by independent technician; corneal lens for aphakia, one eye .....	2.0	
92316     corneal lens for aphakia, both eyes.....	2.7	
92317     corneoscleral lens .....	1.9	
92325 Modification of contact lens (separate procedure), with medical supervision of adaptation .....	0.7	
92326 Replacement of contact lens.....	1.9	
92330 Prescription, fitting, and supply of ocular prosthesis (artificial eye), with medical supervision of adaptation.....	3.5	
92335 Prescription of ocular prosthesis (artificial eye) and direction of fitting and supply by independent technician, with medical supervision of adaptation .....	3.4	

### **Special Otorhinolaryngologic Services**

92502 Otolaryngologic examination under general anesthesia.....	4.5	
92504 Binocular microscopy (separate diagnostic procedure) .....	1.2	
92506 Evaluation of speech, language, voice, communication, auditory processing, and/or aural rehabilitation status .....	2.9	

	Unit Value	Follow-up Days
92507 Treatment of speech, language, voice, communication, and/or auditory processing disorder (includes aural rehabilitation); individual .....	2.1	
92508 group, two or more individuals.....	1.4	
92510 Aural rehabilitation following cochlear implant (includes evaluation of aural rehabilitation status and hearing, therapeutic services) with or without speech processor programming.....	5.1	
92511 Nasopharyngoscopy with endoscope (separate procedure).....	3.0	
92512 Nasal function studies (eg, rhinomanometry) .....	2.1	
92516 Facial nerve function studies (eg, electroneuronography) .....	1.7	
92520 Laryngeal function studies .....	2.1	
92526 Treatment of swallowing dysfunction and/or oral function for feeding.....	2.4	
92531 Spontaneous nystagmus, including gaze.....	BR	
92532 Positional nystagmus test .....	0.6	
92533 Caloric vestibular test, each irrigation (binaural, bithermal stimulation constitutes four tests).....	1.5	
92534 Optokinetic nystagmus test .....	0.6	
92541 Spontaneous nystagmus test, including gaze and fixation nystagmus, with recording .....	1.7	
92542 Positional nystagmus test, minimum of 4 positions, with recording.....	1.5	
92543 Caloric vestibular test, each irrigation (binaural, bithermal stimulation constitutes four tests), with recording .....	0.5	
92544 Optokinetic nystagmus test, bidirectional, foveal or peripheral stimulation, with recording .....	1.2	
92545 Oscillating tracking test, with recording .....	1.1	
92546 Sinusoidal vertical axis rotational testing.....	1.3	
92547 Use of vertical electrodes (List separately in addition to code for primary procedure) .....	1.1	
92548 Computerized dynamic posturography .....	4.3	
92551 Screening test, pure tone, air only.....	0.4	
92552 Pure tone audiometry (threshold); air only.....	0.9	
92553 air and bone .....	1.3	
92555 Speech audiometry threshold; .....	0.7	
92556 with speech recognition.....	1.1	
92557 Comprehensive audiometry threshold evaluation and speech recognition (92553 and 92556 combined).....	2.3	
92560 Bekesy audiometry; screening.....	0.7	
92561 diagnostic.....	1.4	
92562 Loudness balance test, alternate binaural or monaural.....	0.8	
92563 Tone decay test.....	0.7	
92564 Short increment sensitivity index (SISI) .....	0.9	
92565 Stenger test, pure tone .....	0.8	
92567 Tympanometry (impedance testing).....	1.0	
92568 Acoustic reflex testing.....	0.7	
92569 Acoustic reflex decay test .....	0.8	
92571 Filtered speech test.....	0.8	
92572 Staggered spondaic word test.....	0.2	
92573 Lombard test.....	0.7	
92575 Sensorineural acuity level test.....	0.6	
92576 Synthetic sentence identification test .....	0.9	
92577 Stenger test, speech .....	1.4	
92579 Visual reinforcement audiometry (VRA).....	1.4	
92582 Conditioning play audiometry.....	1.4	
92583 Select picture audiometry .....	1.7	
92584 Electrocochleography.....	4.8	
92585 Auditory evoked potentials for evoked response audiometry and/or testing of the central nervous system; comprehensive .....	6.0	
92586 limited.....	3.5	
92587 Evoked otoacoustic emissions; limited (single stimulus level, either transient or		

	Unit Value	Follow-up Days
distortion products) .....	2.9	
92588 comprehensive or diagnostic evaluation (comparison of transient and/or distortion product otoacoustic emissions at multiple levels and frequencies) .....	3.8	
92589 Central auditory function test(s) (specify).....	1.0	
92590 Hearing aid examination and selection; monaural .....	2.0	
92591 binaural .....	3.0	
92592 Hearing aid check; monaural.....	0.7	
92593 binaural .....	1.2	
92594 Electroacoustic evaluation for hearing aid; monaural .....	0.6	
92595 binaural .....	0.6	
92596 Ear protector attenuation measurements .....	1.1	

### Cardiovascular

92950 Cardiopulmonary resuscitation (eg, in cardiac arrest).....	9.6	
92953 Temporary transcutaneous pacing.....	0.7	
92960 Cardioversion, elective, electrical conversion of arrhythmia; external .....	7.2	
92961 internal (separate procedure) .....	10.1	
92970 Cardioassist-method of circulatory assist; internal.....	9.8	
92971 external .....	4.5	
92975 Thrombolysis, coronary; by intracoronary infusion, including selective coronary angiography.....	19.5	
92977 by intravenous infusion .....	15.2	
92978 Intravascular ultrasound (coronary vessel or graft) during diagnostic evaluation and/or therapeutic intervention including imaging supervision, interpretation and report; initial vessel (List separately in addition to code for primary procedure) .....	13.1	
92979 each additional vessel (List separately in addition to code for primary procedure).....	7.9	
92980 Transcatheter placement of an intracoronary stent(s), percutaneous, with or without other therapeutic intervention, any method; single vessel .....	46.6	
92981 each additional vessel (List separately in addition to code for primary procedure).....	13.1	
92982 Percutaneous transluminal coronary balloon angioplasty; single vessel.....	34.5	
92984 each additional vessel (List separately in addition to code for primary procedure).....	9.3	
92986 Percutaneous balloon valvuloplasty; aortic valve .....	58.2	
92987 mitral valve.....	60.2	
92990 pulmonary valve .....	45.7	
92995 Percutaneous transluminal coronary atherectomy, by mechanical or other method, with or without balloon angioplasty; single vessel.....	38.0	
92996 each additional vessel (List separately in addition to code for primary procedure) .....	10.3	
92997 Percutaneous transluminal pulmonary artery balloon angioplasty; single vessel.....	37.4	
92998 each additional vessel (List separately in addition to code for primary procedure) .....	15.9	
93000 Electrocardiogram, routine ECG with at least 12 leads; with interpretation and report .....	1.4	
93005 tracing only, without interpretation and report .....	0.9	
93010 interpretation and report only .....	0.5	
93012 Telephonic transmission of post-symptom electrocardiogram rhythm strip(s), 24-hour attended monitoring, per 30 day period of time; tracing only .....	4.5	
93014 physician review with interpretation and report only .....	1.4	
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 .....	5.3	
93016 physician supervision only, without interpretation and report.....	1.2	

	Unit Value	Follow-up Days
93017 tracing only, without interpretation and report .....	3.2	
93018 interpretation and report only .....	0.9	
93024 Ergonovine provocation test .....	5.6	
93040 Rhythm ECG, one to three leads; with interpretation and report .....	0.7	
93041 tracing only without interpretation and report .....	0.3	
93042 interpretation and report only .....	0.4	
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.....	8.0	
93225 recording (includes hook-up, recording, and disconnection) .....	2.3	
93226 scanning analysis with report.....	4.1	
93227 physician review and interpretation.....	1.5	
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 .....	8.5	
93231 recording (includes hook-up, recording, and disconnection) .....	2.9	
93232 microprocessor-based analysis with report.....	4.1	
93233 physician review and interpretation.....	1.5	
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 .....	6.3	
93236 monitoring and real-time data analysis with report .....	4.9	
93237 physician review and interpretation.....	1.3	
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 .....	8.2	
93270 recording (includes hook-up, recording, and disconnection) .....	2.3	
93271 monitoring, receipt of transmissions, and analysis .....	4.5	
93272 physician review and interpretation only.....	1.4	
93278 Signal-averaged electrocardiography (SAECG), with or without ECG.....	3.0	
93303 Transthoracic echocardiography for congenital cardiac anomalies; complete.....	10.7	
93304 follow-up or limited study .....	5.8	
93307 Echocardiography, transthoracic, real-time with image documentation (2D) with or without M-mode recording; complete.....	10.1	
93308 follow-up or limited study .....	5.3	
93312 Echocardiography, transesophageal, real time with image documentation (2D) (with or without M-mode recording); including probe placement, image acquisition, interpretation and report .....	12.8	
93313 placement of transesophageal probe only.....	6.5	
93314 image acquisition, interpretation and report only .....	10.3	
93315 Transesophageal echocardiography for congenital cardiac anomalies; including probe placement, image acquisition, interpretation and report .....	13.8	
93316 placement of transesophageal probe only.....	3.7	
93317 image acquisition, interpretation and report only .....	11.4	
93320 Doppler echocardiography, pulsed wave and/or continuous wave with spectral display (List separately in addition to codes for echocardiographic imaging); complete .....	4.4	
93321 follow-up or limited study (List separately in addition to codes for echocardiographic imaging).....	2.6	
93325 Doppler echocardiography color flow velocity mapping (List separately in addition to codes for echocardiography).....	5.7	

	Unit Value	Follow-up Days
93350	Echocardiography, transthoracic, real-time with image documentation (2D), with or without M-mode recording, during rest and cardiovascular stress test using treadmill, bicycle exercise and/or pharmacologically induced stress, with interpretation and report.....	5.7
93501	Right heart catheterization .....	41.1
93503	Insertion and placement of flow directed catheter (eg, Swan-Ganz) for monitoring purposes.....	7.9
93505	Endomyocardial biopsy.....	15.7
93508	Catheter placement in coronary artery(s), arterial coronary conduit(s), and/or venous coronary bypass graft(s) for coronary angiography without concomitant left heart catheterization.....	34.7
93510	Left heart catheterization, retrograde, from the brachial artery, axillary artery or femoral artery; percutaneous.....	81.3
93511	by cutdown .....	80.5
93514	Left heart catheterization by left ventricular puncture .....	86.5
93524	Combined transseptal and retrograde left heart catheterization .....	107.2
93526	Combined right heart catheterization and retrograde left heart catheterization .....	108.3
93527	Combined right heart catheterization and transseptal left heart catheterization through intact septum (with or without retrograde left heart catheterization).....	110.2
93528	Combined right heart catheterization with left ventricular puncture (with or without retrograde left heart catheterization).....	111.3
93529	Combined right heart catheterization and left heart catheterization through existing septal opening (with or without retrograde left heart catheterization).....	100.8
93530	Right heart catheterization, for congenital cardiac anomalies.....	43.9
93531	Combined right heart catheterization and retrograde left heart catheterization, for congenital cardiac anomalies.....	113.2
93532	Combined right heart catheterization and transseptal left heart catheterization through intact septum with or without retrograde left heart catheterization, for congenital cardiac anomalies.....	115.7
93533	Combined right heart catheterization and transseptal left heart catheterization through existing septal opening, with or without retrograde left heart catheterization, for congenital cardiac anomalies .....	104.6
93539	Injection procedure during cardiac catheterization; for selective opacification of arterial conduits (eg, internal mammary), whether native or used for bypass.....	2.1
93540	for selective opacification of aortocoronary venous bypass grafts, one or more coronary arteries .....	2.2
93541	for pulmonary angiography .....	0.9
93542	for selective right ventricular or right atrial angiography.....	0.9
93543	for selective left ventricular or left atrial angiography .....	1.4
93544	for aortography .....	1.4
93545	for selective coronary angiography (injection of radiopaque material may be by hand).....	1.7
93555	Imaging supervision, interpretation and report for injection procedure(s) during cardiac catheterization; ventricular and/or atrial angiography .....	13.5
93556	pulmonary angiography, aortography, and/or selective coronary angiography including venous bypass grafts and arterial conduits (whether native or used in bypass).....	20.5
93561	Indicator dilution studies such as dye or thermal dilution, including arterial and/or venous catheterization; with cardiac output measurement (separate procedure) .....	2.5
93562	subsequent measurement of cardiac output .....	1.1
93571	Intravascular doppler velocity and/or pressure derived coronary flow reserve measurement (coronary vessel or graft) during coronary angiography including pharmacologically induced stress; initial vessel (List separately in addition to code for primary procedure).....	12.5
93572	each additional vessel (List separately in addition to code for primary procedure).....	11.6
93600	Bundle of His recording.....	10.1

	Unit Value	Follow-up Days
93602 Intra-atrial recording .....	7.9	
93603 Right ventricular recording .....	9.4	
93609 Intraventricular and/or intra-atrial mapping of tachycardia site(s) with catheter manipulation to record from multiple sites to identify origin of tachycardia (list separately in addition to code for primary procedure) .....	28.2	
93610 Intra-atrial pacing .....	10.6	
93612 Intraventricular pacing .....	11.2	
93615 Esophageal recording of atrial electrogram with or without ventricular electrogram(s); .....	2.8	
93616 with pacing .....	4.6	
93618 Induction of arrhythmia by electrical pacing.....	20.2	
93619 Comprehensive electrophysiologic evaluation with right atrial pacing and recording, right ventricular pacing and recording, His bundle recording, including insertion and repositioning of multiple electrode catheters, without induction or attempted induction of arrhythmia.....	36.5	
93620 Comprehensive electrophysiologic evaluation including insertion and repositioning of multiple electrode catheters with induction or attempted induction of arrhythmia; with right atrial pacing and recording, right ventricular pacing and recording, His bundle.....	51.5	
93621 with left atrial pacing and recording from coronary sinus or left atrium (list separately in addition to code for primary procedure).....	37.9	
93622 with left ventricular recordings (list separately in addition to code for primary procedure).....	37.9	
93623 Programmed stimulation and pacing after intravenous drug infusion (List separately in addition to code for primary procedure) .....	8.2	
93624 Electrophysiologic follow-up study with pacing and recording to test effectiveness of therapy, including induction or attempted induction of arrhythmia .....	15.9	
93631 Intra-operative epicardial and endocardial pacing and mapping to localize the site of tachycardia or zone of slow conduction for surgical correction.....	32.3	
93640 Electrophysiologic evaluation of single or dual chamber pacing cardioverter-defibrillator leads including defibrillation threshold evaluation (induction of arrhythmia, evaluation of sensing and pacing for arrhythmia termination) at time of initial implantation or replacement; .....	24.1	
93641 with testing of single or dual chamber pacing cardioverter-defibrillator pulse generator .....	31.3	
93642 Electrophysiologic evaluation of single or dual chamber pacing cardioverter-defibrillator (includes defibrillation threshold evaluation, induction of arrhythmia, evaluation of sensing and pacing for arrhythmia termination, and programming or reprogramming of sensing or therapeutic parameters).....	28.1	
93650 Intracardiac catheter ablation of atrioventricular node function, atrioventricular conduction for creation of complete heart block, with or without temporary pacemaker placement .....	31.4	
93651 Intracardiac catheter ablation of arrhythmogenic focus; for treatment of supraventricular tachycardia by ablation of fast or slow atrioventricular pathways, accessory atrioventricular connections or other atrial foci, singly or in combination.....	48.5	
93652 for treatment of ventricular tachycardia.....	51.3	
93660 Evaluation of cardiovascular function with tilt table evaluation, with continuous ECG monitoring and intermittent blood pressure monitoring, with or without pharmacological intervention.....	7.9	
93662 Intracardiac echocardiography during therapeutic/diagnostic intervention, including imaging supervision and interpretation (List separately in addition to code for primary procedure).....	14.0	
93720 Plethysmography, total body; with interpretation and report.....	1.9	
93721 tracing only, without interpretation and report .....	1.4	
93722 interpretation and report only .....	0.5	
93724 Electronic analysis of antitachycardia pacemaker system (includes		

	Unit Value	Follow-up Days
electrocardiographic recording, programming of device, induction and termination of tachycardia via implanted pacemaker, and interpretation of recordings) .....	19.7	
93727 Electronic analysis of implantable loop recorder (ILR) system (includes retrieval of recorded and stored ECG data, physician review and interpretation of retrieved ECG data and reprogramming) .....	1.2	
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 .....	2.1	
93732     with reprogramming .....	3.1	
93733 Electronic analysis of dual chamber internal pacemaker system (may include rate, pulse amplitude and duration, configuration of wave form, and/or testing of sensory function of pacemaker), telephonic analysis .....	1.9	
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 .....	1.7	
93735     with reprogramming .....	2.7	
93736 Electronic analysis of single chamber internal pacemaker system (may include rate, pulse amplitude and duration, configuration of wave form, and/or testing of sensory function of pacemaker), telephonic analysis .....	1.7	
93741 Electronic analysis of pacing cardioverter-defibrillator (includes interrogation, evaluation of pulse generator status, evaluation of programmable parameters at rest and during activity where applicable, using electrocardiographic recording and interpretation of recordings at rest and during exercise, analysis of event markers and device response); single chamber, without reprogramming .....	3.1	
93742     single chamber, with reprogramming .....	3.9	
93743     dual chamber, without reprogramming .....	3.5	
93744     dual chamber, with reprogramming .....	4.4	
93760 Thermogram; cephalic .....	4.2	
93797 Physician services for outpatient cardiac rehabilitation; without continuous ECG monitoring (per session) .....	0.8	
93798     with continuous ECG monitoring (per session) .....	1.3	

### **Non-Invasive Vascular Diagnostic Studies**

93875 Non-invasive physiologic studies of extracranial arteries, complete bilateral study (eg, periorbital flow direction with arterial compression, ocular pneumoplethysmography, Doppler ultrasound spectral analysis) .....	2.8	
93880 Duplex scan of extracranial arteries; complete bilateral study .....	8.7	
93882     unilateral or limited study .....	5.8	
93886 Transcranial Doppler study of the intracranial arteries; complete study .....	10.4	
93888     limited study .....	6.9	
93922 Non-invasive physiologic studies of upper or lower extremity arteries, single level, bilateral (eg, ankle/brachial indices, Doppler waveform analysis, volume plethysmography, transcutaneous oxygen tension measurement) .....	3.0	
93923 Non-invasive physiologic studies of upper or lower extremity arteries, multiple levels or with provocative functional maneuvers, complete bilateral study (eg, 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) .....	5.6	

	Unit Value	Follow-up Days
93924 Non-invasive physiologic studies of lower extremity arteries, at rest and following treadmill stress testing, complete bilateral study .....	6.1	
93925 Duplex scan of lower extremity arteries or arterial bypass grafts; complete bilateral study .....	8.7	
93926 unilateral or limited study .....	5.8	
93930 Duplex scan of upper extremity arteries or arterial bypass grafts; complete bilateral study .....	8.9	
93931 unilateral or limited study .....	5.9	
93965 Non-invasive physiologic studies of extremity veins, complete bilateral study (eg, Doppler waveform analysis with responses to compression and other maneuvers, phleborheography, impedance plethysmography) .....	3.2	
93970 Duplex scan of extremity veins including responses to compression and other maneuvers; complete bilateral study .....	9.7	
93971 unilateral or limited study .....	6.4	
93975 Duplex scan of arterial inflow and venous outflow of abdominal, pelvic, scrotal contents and/or retroperitoneal organs; complete study .....	12.8	
93976 limited study .....	8.6	
93978 Duplex scan of aorta, inferior vena cava, iliac vasculature, or bypass grafts; complete study .....	9.1	
93979 unilateral or limited study .....	6.0	
93980 Duplex scan of arterial inflow and venous outflow of penile vessels; complete study .....	9.9	
93981 follow-up or limited study .....	7.5	
93990 Duplex scan of hemodialysis access (including arterial inflow, body of access and venous outflow) .....	5.5	

### **Pulmonary**

94010 Spirometry, including graphic record, total and timed vital capacity, expiratory flow rate measurement(s), with or without maximal voluntary ventilation .....	1.4	
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 .....	1.9	
94015 recording (includes hook-up, reinforced education, data transmission, data capture, trend analysis, and periodic recalibration) .....	0.8	
94016 physician review and interpretation only .....	1.2	
94060 Bronchospasm evaluation: spirometry as in 94010, before and after bronchodilator (aerosol or parenteral) .....	2.7	
94070 Prolonged postexposure evaluation of bronchospasm with multiple spirometric determinations after antigen, cold air, methacholine or other chemical agent, with subsequent spirometrics .....	4.2	
94200 Maximum breathing capacity, maximal voluntary ventilation .....	0.8	
94240 Functional residual capacity or residual volume: helium method, nitrogen open circuit method, or other method .....	2.0	
94250 Expired gas collection, quantitative, single procedure (separate procedure) .....	0.6	
94260 Thoracic gas volume .....	1.4	
94350 Determination of maldistribution of inspired gas: multiple breath nitrogen washout curve including alveolar nitrogen or helium equilibration time .....	1.7	
94360 Determination of resistance to airflow, oscillatory or plethysmographic methods .....	2.5	
94370 Determination of airway closing volume, single breath tests .....	1.1	
94375 Respiratory flow volume loop .....	1.7	
94400 Breathing response to CO <sub>2</sub> (CO <sub>2</sub> response curve) .....	1.9	
94450 Breathing response to hypoxia (hypoxia response curve) .....	1.7	
94620 Pulmonary stress testing; simple (eg, prolonged exercise test for bronchospasm with pre- and post-spirometry) .....	4.6	

	Unit Value	Follow-up Days
94621	complex (including measurements of CO <sub>2</sub> production, O <sub>2</sub> uptake, and electrocardiographic recordings) .....	5.9
94640	Pressurized or nonpressurized inhalation treatment for acute airway obstruction or for sputum induction for diagnostic purposes (eg, with an aerosol generator, nebulizer, metered dose inhaler or intermittent positive pressure breathing (IPPB) device).....	1.0
94656	Ventilation assist and management, initiation of pressure or volume preset ventilators for assisted or controlled breathing; first day .....	3.3
94657	subsequent days .....	2.1
94660	Continuous positive airway pressure ventilation (CPAP), initiation and management .....	2.4
94662	Continuous negative pressure ventilation (CNP), initiation and management .....	1.7
94664	Demonstration and/or evaluation of patient utilization of an aerosol generator, nebulizer, metered dose inhaler or IPPB device.....	0.9
94667	Manipulation chest wall, such as cupping, percussing, and vibration to facilitate lung function; initial demonstration and/or evaluation .....	1.2
94668	subsequent .....	0.9
94680	Oxygen uptake, expired gas analysis; rest and exercise, direct, simple .....	1.8
94681	including CO <sub>2</sub> output, percentage oxygen extracted .....	3.2
94690	rest, indirect (separate procedure).....	1.2
94720	Carbon monoxide diffusing capacity, (eg, single breath, steady state) .....	2.3
94725	Membrane diffusion capacity .....	4.0
94750	Pulmonary compliance study, (eg, plethysmography, volume and pressure measurements).....	1.8
94760	Noninvasive ear or pulse oximetry for oxygen saturation; single determination .....	0.3
94761	multiple determinations (eg, during exercise) .....	0.6
94762	by continuous overnight monitoring (separate procedure).....	1.3
94770	Carbon dioxide, expired gas determination by infrared analyzer.....	1.0

### **Allergy and Clinical Immunology**

95004	Percutaneous tests (scratch, puncture, prick) with allergenic extracts, immediate type reaction, specify number of tests .....	0.2
95010	Percutaneous tests (scratch, puncture, prick) sequential and incremental, with drugs, biologicals or venoms, immediate type reaction, specify number of tests .....	0.7
95015	Intracutaneous (intradermal) tests, sequential and incremental, with drugs, biologicals, or venoms, immediate type reaction, specify number of tests .....	0.7
95024	Intracutaneous (intradermal) tests with allergenic extracts, immediate type reaction, specify number of tests .....	0.3
95027	Intracutaneous (intradermal) tests, sequential and incremental, with allergenic extracts for airborne allergens, immediate type reaction, specify number of tests .....	0.3
95028	Intracutaneous (intradermal) test with allergenic extracts, delayed type reaction, including reading, specify number of tests.....	0.4
95044	Patch or application test(s) (specify number of tests) .....	0.4
95052	Photo patch test(s) (specify number of tests) .....	0.5
95056	Photo tests .....	0.3
95060	Ophthalmic mucous membrane tests.....	0.7
95065	Direct nasal mucous membrane test.....	0.4
95070	Inhalation bronchial challenge testing (not including necessary pulmonary function tests); with histamine, methacholine, or similar compounds .....	4.2
95071	with antigens or gases, specify .....	5.3
95075	Ingestion challenge test (sequential and incremental ingestion of test items, eg, food, drug or other substance such as metabisulfite) .....	4.1
95078	Provocative testing (eg, Rinkel test).....	0.5
95115	Professional services for allergen immunotherapy not including provision of allergenic extracts; single injection .....	0.7
95117	two or more injections .....	1.0

		Unit Value	Follow-up Days
95144	Professional services for the supervision of preparation and provision of antigens for allergen immunotherapy, single dose vials (specify number of vials).....	0.4	
95145	Professional services for the supervision of preparation and provision of antigens for allergen immunotherapy (specify number of doses); single stinging insect venom.....	0.9	
95146	two single stinging insect venoms .....	1.2	
95147	three single stinging insect venoms .....	1.7	
95148	four single stinging insect venoms .....	1.7	
95149	five single stinging insect venoms.....	1.7	
95165	Professional services for the supervision of preparation and provision of antigens for allergen immunotherapy; single or multiple antigens (specify number of doses).....	0.4	
95170	whole body extract of biting insect or other arthropod (specify number of doses).....	0.7	
95180	Rapid desensitization procedure, each hour (eg, insulin, penicillin, equine serum).....	4.6	

### **Neurology and Neuromuscular Procedures**

95805	Multiple sleep latency or maintenance of wakefulness testing, recording, analysis and interpretation of physiological measurements of sleep during multiple trials to assess sleepiness.....	16.7	
95806	Sleep study, simultaneous recording of ventilation, respiratory effort, ECG or heart rate, and oxygen saturation, unattended by a technologist.....	12.0	
95807	Sleep study, simultaneous recording of ventilation, respiratory effort, ECG or heart rate, and oxygen saturation, attended by a technologist.....	17.0	
95808	Polysomnography; sleep staging with 1-3 additional parameters of sleep, attended by a technologist.....	21.1	
95810	sleep staging with 4 or more additional parameters of sleep, attended by a technologist.....	28.6	
95811	sleep staging with 4 or more additional parameters of sleep, with initiation of continuous positive airway pressure therapy or bilevel ventilation, attended by a technologist.....	29.7	
95812	Electroencephalogram (EEG) extended monitoring; 41-60 minutes .....	6.3	
95813	greater than one hour .....	8.7	
95816	Electroencephalogram (EEG) including recording awake and drowsy .....	6.1	
95819	including recording awake and asleep .....	5.2	
95822	recording in coma or sleep only .....	5.9	
95824	cerebral death evaluation only .....	2.5	
95827	all night recording.....	7.2	
95829	Electrocorticogram at surgery (separate procedure).....	16.2	
95830	Insertion by physician of sphenoidal electrodes for electroencephalographic (EEG) recording.....	6.0	
95831	Muscle testing, manual (separate procedure) with report; extremity (excluding hand) or trunk.....	1.1	
95832	hand, with or without comparison with normal side .....	1.0	
95833	total evaluation of body, excluding hands .....	1.6	
95834	total evaluation of body, including hands.....	2.0	
95851	Range of motion measurements and report (separate procedure); each extremity (excluding hand) or each trunk section (spine).....	0.9	
95852	hand, with or without comparison with normal side .....	0.6	
95857	Tensilon test for myasthenia gravis;.....	1.8	
95858	with electromyographic recording.....	4.4	
95860	Needle electromyography, one extremity with or without related paraspinal areas .....	3.3	
95861	two extremities with or without related paraspinal areas .....	5.6	

	Unit Value	Follow-up Days
95863	three extremities with or without related paraspinal areas .....	6.8
95864	four extremities with or without related paraspinal areas .....	9.0
95867	cranial nerve supplied muscles, unilateral.....	3.2
95868	cranial nerve supplied muscles, bilateral.....	4.8
95869	thoracic paraspinal muscles (excluding T1 or T12).....	1.5
95870	limited study of muscles in one extremity or non-limb (axial) muscles (unilateral or bilateral), other than thoracic paraspinal, cranial nerve supplied muscles, or sphincters.....	1.5
95872	Needle electromyography using single fiber electrode, with quantitative measurement of jitter, blocking and/or fiber density, any/all sites of each muscle studied.....	4.7
95875	Ischemic limb exercise with serial specimen(s) acquisition for muscle(s) metabolic(s).....	3.6
95900	Nerve conduction, amplitude and latency/velocity study, each nerve; motor, without F-wave study.....	1.7
95903	motor, with F-wave study.....	2.0
95904	sensory.....	1.4
95920	Intraoperative neurophysiology testing, per hour (List separately in addition to code for primary procedure).....	8.0
95921	Testing of autonomic nervous system function; cardiovagal innervation (parasympathetic function), including two or more of the following: heart rate response to deep breathing with recorded R-R interval, Valsalva ratio, and 30:15 ratio .....	2.7
95922	vasomotor adrenergic innervation (sympathetic adrenergic function), including beat-to-beat blood pressure and R-R interval changes during Valsalva maneuver and at least five minutes of passive tilt .....	2.9
95923	sudomotor, including one or more of the following: quantitative sudomotor axon reflex test (QSART), silastic sweat imprint, thermoregulatory sweat test, and changes in sympathetic skin potential.....	4.8
95925	Short-latency somatosensory evoked potential study, stimulation of any/all peripheral nerves or skin sites, recording from the central nervous system; in upper limbs .....	3.4
95926	in lower limbs .....	3.4
95927	in the trunk or head.....	3.4
95930	Visual evoked potential (VEP) testing central nervous system, checkerboard or flash.....	2.1
95933	Orbicularis oculi (blink) reflex, by electrodiagnostic testing.....	3.1
95934	H-reflex, amplitude and latency study; record gastrocnemius/soleus muscle.....	1.8
95936	record muscle other than gastrocnemius/soleus muscle .....	1.8
95937	Neuromuscular junction testing (repetitive stimulation, paired stimuli), each nerve, any one method .....	2.3
95950	Monitoring for identification and lateralization of cerebral seizure focus, electroencephalographic (eg, 8 channel EEG) recording and interpretation, each 24 hours.....	13.2
95951	Monitoring for localization of cerebral seizure focus by cable or radio, 16 or more channel telemetry, combined electroencephalographic (EEG) and video recording and interpretation (eg, for presurgical localization), each 24 hours.....	38.4
95953	Monitoring for localization of cerebral seizure focus by computerized portable 16 or more channel EEG, electroencephalographic (EEG) recording and interpretation, each 24 hours .....	19.1
95954	Pharmacological or physical activation requiring physician attendance during EEG recording of activation phase (eg, thiopental activation test).....	9.3
95955	Electroencephalogram (EEG) during nonintracranial surgery (eg, carotid surgery).....	6.7
95956	Monitoring for localization of cerebral seizure focus by cable or radio, 16 or more channel telemetry, electroencephalographic (EEG) recording and interpretation, each 24 hours .....	34.3
95957	Digital analysis of electroencephalogram (EEG) (eg, for epileptic spike analysis).....	7.7

	Unit Value	Follow-up Days
95958	Wada activation test for hemispheric function, including electroencephalographic (EEG) monitoring.....	14.5
95961	Functional cortical and subcortical mapping by stimulation and/or recording of electrodes on brain surface, or of depth electrodes, to provoke seizures or identify vital brain structures; initial hour of physician attendance .....	9.6
95962	each additional hour of physician attendance (List separately in addition to code for primary procedure) .....	10.1
95970	Electronic analysis of implanted neurostimulator pulse generator system (eg, rate, pulse amplitude and duration, configuration of wave form, battery status, electrode selectability, output modulation, cycling, impedance and patient compliance measurements); simple or complex brain, spinal cord, or peripheral (ie, cranial nerve, peripheral nerve, autonomic nerve, neuromuscular) neurostimulator pulse generator/transmitter, without reprogramming .....	1.0
95971	simple brain, spinal cord, or peripheral (ie, peripheral nerve, autonomic nerve, neuromuscular) neurostimulator pulse generator/transmitter, with intraoperative or subsequent programming .....	1.7
95972	complex brain, spinal cord, or peripheral (except cranial nerve) neurostimulator pulse generator/transmitter, with intraoperative or subsequent programming, first hour.....	3.3
95973	complex brain, spinal cord, or peripheral (except cranial nerve) neurostimulator pulse generator/transmitter, with intraoperative or subsequent programming, each additional 30 minutes after first hour (List separately in addition to code for primary procedure) .....	2.0
95974	complex cranial nerve neurostimulator pulse generator/transmitter, with intraoperative or subsequent programming, with or without nerve interface testing, first hour.....	6.6
95975	complex cranial nerve neurostimulator pulse generator/transmitter, with intraoperative or subsequent programming, each additional 30 minutes after first hour (List separately in addition to code for primary procedure) .....	3.8

**Central Nervous System Assessments/Tests  
(eg, Neuro-Cognitive, Mental Status, Speech Testing)**

96100	Psychological testing (includes psychodiagnostic assessment of personality, psychopathology, emotionality, intellectual abilities, eg, WAIS-R, Rorschach, MMPI) with interpretation and report, per hour.....	3.4
96105	Assessment of aphasia (includes assessment of expressive and receptive speech and language function, language comprehension, speech production ability, reading, spelling, writing, eg, by Boston Diagnostic Aphasia Examination) with interpretation and report, per hour.....	3.4
96115	Neurobehavioral status exam (clinical assessment of thinking, reasoning and judgement, eg, acquired knowledge, attention, memory, visual spatial abilities, language functions, planning) with interpretation and report, per hour.....	3.4
96117	Neuropsychological testing battery (eg, Halstead-Reitan, Luria, WAIS-R) with interpretation and report, per hour.....	3.4

**Chemotherapy Administration**

96400	Chemotherapy administration, subcutaneous or intramuscular, with or without local anesthesia.....	0.3
96405	Chemotherapy administration, intralesional; up to and including 7 lesions.....	2.7
96406	more than 7 lesions .....	3.7
96408	Chemotherapy administration, intravenous; push technique.....	1.8
96410	infusion technique, up to one hour .....	2.9
96412	infusion technique, one to 8 hours, each additional hour (List separately in addition to code for primary procedure).....	2.2

	Unit Value	Follow-up Days
96414 infusion technique, initiation of prolonged infusion (more than 8 hours), requiring the use of a portable or implantable pump .....	2.5	
96420 Chemotherapy administration, intra-arterial; push technique .....	2.4	
96422 infusion technique, up to one hour .....	2.3	
96423 infusion technique, one to 8 hours, each additional hour (List separately in addition to code for primary procedure).....	0.9	
96425 infusion technique, initiation of prolonged infusion (more than 8 hours), requiring the use of a portable or implantable pump .....	2.7	
96440 Chemotherapy administration into pleural cavity, requiring and including thoracentesis.....	10.8	
96445 Chemotherapy administration into peritoneal cavity, requiring and including peritoneocentesis.....	10.8	
96450 Chemotherapy administration, into CNS (eg, intrathecal), requiring and including spinal puncture .....	8.7	
96520 Refilling and maintenance of portable pump .....	1.7	
96530 Refilling and maintenance of implantable pump or reservoir for drug delivery, systemic (eg, intravenous, intra-arterial).....	2.0	
96542 Chemotherapy injection, subarachnoid or intraventricular via subcutaneous reservoir, single or multiple agents .....	6.3	

### **Photodynamic Therapy**

96570 Photodynamic therapy by endoscopic application of light to ablate abnormal tissue via activation of photosensitive drug(s); first 30 minutes (List separately in addition to code for endoscopy or bronchoscopy procedures of lung and esophagus).....	3.3	
96571 each additional 15 minutes (List separately in addition to code for endoscopy or bronchoscopy procedures of lung and esophagus).....	1.8	

### **Special Dermatological Procedures**

96900 Actinotherapy (ultraviolet light).....	0.8	
96910 Photochemotherapy; tar and ultraviolet B (Goeckerman treatment) or petrolatum and ultraviolet B.....	1.1	
96912 psoralens and ultraviolet A (PUVA).....	1.3	
96913 Photochemotherapy (Goeckerman and/or PUVA) for severe photoresponsive dermatoses requiring at least four to eight hours of care under direct supervision of the physician (includes application of medication and dressings).....	2.6	

### **Physical Medicine and Rehabilitation**

97545 Work hardening/conditioning; each hour (not to exceed 4 hours per visit).....	1.5	
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## **DENTAL SERVICES**

### **Diagnostic**

D0210 Intraoral - complete series (including bitewings).....	2.2	
D0220 Intraoral - perapical first film.....	0.5	
D0230 Intraoral periapical each additional film.....	0.3	
D0240 Intraoral - occlusal film.....	0.8	
D0250 Extraoral - first film.....	1.3	
D0260 Extraoral - each additional film.....	1.0	
D0272 Bitewings - two films .....	0.7	
D0330 Panoramic film .....	2.1	

**Restorative**

D2140	Amalgam - one surface, permanent.....	1.8
D2150	Amalgam - two surfaces, permanent.....	2.2
D2160	Amalgam - three surfaces, permanent.....	2.8
D2161	Amalgam - four or more surfaces, permanent.....	3.3
D2330	Resin-based composite - one surface, anterior.....	2.0
D2331	Resin-based composite - two surfaces, anterior.....	3.0
D2332	Resin-based composite - three surfaces, anterior.....	4.1
D2335	Resin-based composite - four or more surfaces or involving incisal angle (anterior).....	4.5
D2510	Inlay - metallic - one surface.....	14.4
D2520	Inlay - metallic - two surfaces.....	13.9
D2530	Inlay - metallic - three or more surfaces.....	15.6
D2710	Crown - resin (laboratory).....	15.6
D2720	Crown - resin with high noble metal.....	16.5
D2740	Crown - porcelain/ceramic substrate.....	18.9
D2750	Crown - porcelain fused to high noble metal.....	17.6
D2751	Crown - porcelain fused to predominantly base metal.....	16.2
D2752	Crown - porcelain fused to noble metal.....	16.7
D2790	Crown - full cast high noble metal.....	16.8
D2791	Crown - full cast predominantly base metal.....	15.4
D2792	Crown - full cast noble metal.....	15.8
D2910	Recement inlay.....	1.7
D2920	Recement crown.....	1.8
D2931	Prefabricated stainless steel crown - permanent tooth.....	4.1
D2932	Prefabricated resin crown.....	4.4
D2950	Core buildup, including any pins.....	4.3
D2951	Pin retention - per tooth, in addition to restoration.....	1.0
D2952	Cast post and core in addition to crown.....	6.1
D2954	Prefabricated post and core in addition to crown.....	4.9
D2961	Labial veneer (resin laminate) – laboratory.....	11.4
D2962	Labial veneer (porcelain laminate) – laboratory.....	16.3

**Endodontics**

D3220	Therapeutic pulpotomy (excluding final restoration) - removal of pulp coronal to the dentinocemental junction and application of medicament.....	2.5
D3310	Anterior (excluding final restoration).....	9.8
D3320	Bicuspid (excluding final restoration).....	12.2
D3330	Molar (excluding final restoration).....	15.9
D3353	Apexification/recalcification - final visit (includes completed root canal therapy - apical closure/calccific repair of perforations, root resorption, etc.) (Includes removal of intra-canal medication and procedures necessary to place final root canal filling material including necessary radiographys. This procedure includes last phase of complete root canal therapy.).....	6.3
D3410	Apicoectomy/periradicular surgery - anterior.....	10.1
D3421	Apicoectomy/periradicular surgery - bicuspid (first root).....	10.4
D3425	Apicoectomy/periradicular surgery - molar (first root).....	12.2
D3426	Apicoectomy/periradicular surgery - (each additional root).....	2.6
D3430	Retrograde filling - per root.....	2.3
D3450	Root amputation - per root.....	8.6

**Periodontics**

D4210	Gingivectomy or gingivoplasty - per quadrant.....	10.3
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		Unit Value	Follow-up Days
D4211	Gingivectomy or gingivoplasty - per tooth .....	2.5	
D4220	Gingival curettage, surgical - per quadrant, by report.....	4.8	
D4260	Osseous surgery (including flap entry and closure) - per quadrant.....	22.9	
D4271	Free soft tissue graft procedure (including donor site surgery).....	13.8	
D4341	Periodontal scaling and root planing, per quadrant.....	3.9	
D4910	Periodontal maintenance procedures (following active therapy) .....	3.3	

### **Prosthodontics**

#### **DENTURES (INCLUDING ROUTINE POST-DELIVERY CARE)**

D5110	Complete denture – maxillary .....	23.8	
D5120	Complete denture – mandibular .....	23.9	
D5130	Intermediate denture – maxillary .....	25.2	
D5140	Intermediate denture – mandibular.....	25.6	
D5211	Maxillary partial denture - resin base (including any conventional clasps, rests and teeth).....	19.8	
D5212	Mandibular partial denture - resin base (including any conventional clasps, rests and teeth).....	20.0	
D5213	Maxillary partial denture - cast metal framework with resin denture bases (including any conventional clasps, rests and teeth) .....	23.7	
D5214	Mandibular partial denture - cast metal framework with resin denture bases (including any conventional clasps, rests and teeth) .....	24.0	
D5281	Removable unilateral partial denture - one piece cast metal (including clasps and teeth).....	13.2	
D5510	Repair broken complete denture base .....	3.1	
D5520	Replace missing or broken teeth - complete denture (each tooth) .....	3.1	
D5610	Repair resin denture base .....	3.0	
D5620	Repair cast framework .....	4.4	
D5630	Repair or replace broken clasp.....	4.4	
D5640	Replace broken teeth - per tooth .....	3.0	
D5650	Add tooth to existing partial denture.....	3.9	
D5660	Add clasp to existing partial denture.....	4.6	
D5730	Reline complete maxillary denture (chairside).....	5.9	
D5731	Reline complete mandibular denture (chairside).....	5.8	
D5740	Reline maxillary partial denture (chairside).....	5.6	
D5741	Reline mandibular partial denture (chairside) .....	5.5	
D5750	Reline complete maxillary denture (laboratory).....	8.7	
D5751	Reline complete mandibular denture (laboratory).....	8.6	
D5760	Reline maxillary partial denture (laboratory).....	8.3	
D5761	Reline mandibular partial denture (laboratory) .....	8.3	
D5820	Interim partial denture (maxillary) (includes any necessary clasps and rests) .....	9.8	
D5821	Interim partial denture (mandibular) ) (includes any necessary clasps and rests).....	9.8	

### **Implant Services**

D6010	Surgical placement of implant body: endosteal implant (includes second state surgery and placement of healing cap).....	50.7	
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### **Prosthodontics, Fixed**

D6210	Pontic - cast high noble metal .....	16.2	
D6211	Pontic - cast predominantly base metal .....	14.7	
D6212	Pontic - cast noble metal .....	15.9	
D6240	Pontic - porcelain fused to high noble metal .....	17.0	
D6241	Pontic - porcelain fused to predominantly base metal.....	15.4	
D6242	Pontic - porcelain fused to noble metal .....	16.3	
D6250	Pontic - resin with high noble metal.....	17.0	

	Unit Value	Follow-up Days
D6251 Pontic - resin with predominantly base metal .....	13.2	
D6252 Pontic - resin with noble metal.....	15.2	
D6520 Inlay - metallic - two surfaces .....	12.8	
D6530 Inlay - metallic - three or more surfaces.....	14.2	
D6545 Retainer - cast metal for resin bonded fixed prosthesis.....	6.0	
D6720 Crown - resin with high noble metal.....	16.7	
D6750 Crown - porcelain fused to high noble metal .....	17.6	
D6751 Crown - porcelain fused to predominantly base metal.....	16.2	
D6752 Crown - porcelain fused to noble metal .....	16.8	
D6780 Crown - 3/4 cast high noble metal .....	15.4	
D6790 Crown - full cast high noble metal.....	16.7	
D6791 Crown - full cast predominantly base metal.....	15.2	
D6792 Crown - full cast noble metal .....	16.2	
D6930 Recement fixed partial denture.....	2.9	

### **Oral Surgery**

**(Includes Local Anesthesia, Suturing, if Needed, and Routine Postoperative Care)**

D7110 Single tooth .....	2.2
D7120 Each additional tooth.....	2.0
D7130 Root removal - exposed roots.....	1.8
D7210 Surgical removal of erupted tooth requiring elevation of mucoperiosteal flap and removal of bone and/or section of tooth (includes cutting of gingiva and bone, removal of tooth structure, and closure).....	5.0
D7250 Surgical removal of residual tooth roots (cutting procedure) (includes cutting of soft tissue and bone, removal of tooth structure, and closure).....	6.2
D7270 Tooth reimplantation and/or stabilization of accidentally evulsed or displaced tooth and/or alveolus (includes splinting and/or stabilization).....	8.6
D7285 Biopsy of oral tissue - hard (bone, tooth).....	5.1
D7310 Alveoloplasty in conjunction with extractions - per quadrant.....	4.8
D7320 Alveoloplasty not in conjunction with extractions - per quadrant .....	7.2
D7510 Incision and drainage of abscess - intraoral soft tissue .....	3.1
D7520 Incision and drainage of abscess - extraoral soft tissue.....	3.3
D7960 Frenulectomy (frenectomy or frenotomy) - separate procedure.....	5.2
D7970 Excision of hyperplastic tissue - per arch.....	6.3
D7971 Excision of pericoronal gingiva .....	3.9

### **Adjunctive General Services**

D9110 Palliative (emergency) treatment of dental pain - minor procedure.....	2.0
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## **OTHER SERVICES**

### **Special Services, Procedures and Reports**

99000 Handling and/or conveyance of specimen for transfer from the physician's office to a laboratory .....	0.2
99052 Services requested between 10:00 PM and 8:00 AM in addition to basic service.....	0.8
99054 Services requested on Sundays and holidays in addition to basic service.....	0.8
99070 Supplies and materials (except spectacles), provided by the physician over and above those usually included with the office visit or other services rendered (list drugs, trays, supplies, or materials provided).....	BR
99080 Special reports such as insurance forms, more than the information conveyed in the usual medical communications or standard reporting form .....	2.5

### **Emergency Department Services**

	Unit Value	Follow-up Days
99281 Emergency department visit for the evaluation and management of a patient, which requires these three key components: a problem focused history; a problem focused examination; and straightforward medical decision making. ....	0.7	
99282 Emergency department visit for the evaluation and management of a patient, which requires these three key components: an expanded problem focused history; an expanded problem focused examination; and medical decision making of low complexity. ....	1.1	
99283 Emergency department visit for the evaluation and management of a patient, which requires these three key components: an expanded problem focused history; an expanded problem focused examination; and medical decision making of moderate complexity. ....	2.4	
99284 Emergency department visit for the evaluation and management of a patient, which requires these three key components: a detailed history; a detailed examination; and medical decision making of moderate complexity. ....	3.8	
99285 Emergency department visit for the evaluation and management of a patient, which requires these three key components within the constraints imposed by the urgency of the patient’s clinical condition and/or mental status: a comprehensive history; a comprehensive examination; and medical decision making of high complexity. ....	5.9	

### **Evaluation and Management**

99456 Complex consultation pursuant to Section 386-79, HRS - work related or medical disability examination by other than the treating physician that includes:		
<ul style="list-style-type: none"> <li>• completion of a medical history commensurate with the patient’s condition;</li> <li>• performance of an examination commensurate with the patient’s condition;</li> <li>• formulation of a diagnosis, assessment of capabilities and stability, and calculation of impairment;</li> <li>• development of future medical treatment plan;</li> <li>• completion of necessary documentation/certificates and report; and</li> <li>• review of records relating to the patient’s condition.</li> </ul>		
First hour .....	6.0	
99456A Each additional 30 minute increment (an increment must be at least 30 minutes.).....	3.0	

**BR:** Certain services are too unusual, variable, or new to be assigned a fee. The value of these services is to be determined “by report.” Pertinent information concerning the nature, extent, and need for the procedure or service, the time, the skill, and equipment necessary, etc., is to be furnished prior to the provision of the service.

**RVS:** Use 110% of Medicare Resource Based Relative Value Scale system.

**TM:** A “TM” in the fee column indicates the anesthesia time to be used to determine the anesthesia fee.

**Bundled Services:** Certain codes, such as telephone calls, are considered by the Health Care Financing Administration (HCFA) to be “bundled” services. Bundled services are not payable, nor should they be billed, when performed incident to or in conjunction with another service even if the other service is performed on a different day. When services that are designated as bundled are denied, the physician may not collect from the patient.