

Section III. Prior Authorizations and Concurrent Review

	%	
2. Total Number of Authorizations Requested (Prospective and Concurrent) (Total of A, B, C, D & F)	25312	N/A
3. Reauthorization Requests (ongoing care) - Approved	2434	84.2%
4. Reauthorization Requests (ongoing care) - Denied	456	15.8%
A. Total Reauthorization Requests	2890	100%
5. Standard Requests Approved - not extended	16879	84.8%
6. Standard Requests Denied - not extended	3031	15.2%
B. Total Standard Requests - not extended	19910	100%
7. Extended Reviews (Outside Consultation) Approved	0	
8. Extended Reviews (Outside Consultation) Denied	0	
C. Total Extended Reviews (Outside Consultation)	0	
9. Extended Reviews (Additional Information Requested) Approved	258	70.5%
10. Extended Reviews (Additional Information Requested) Denied	108	29.5%
D. Total Extended Reviews (Additional Information Requested)	366	100%
11. Standard Prior Authorization Determinations Approved After Appeal (Denial overturned) (Includes items 6, 8, & 10 above)	34	23.6%
12. Standard Prior Authorization Determinations Denied After Appeal (Denial upheld) (Includes items 6, 8, & 10 above)	110	76.4%
E. Total Appeals of Standard Denied Prior Authorization Requests	144	100%
13. Expedited Reviews Approved	1905	88.8%
14. Expedited Reviews Denied	241	11.2%
F. Total Expedited (urgent) Requests	2146	100%
15. Expedited Prior Authorization Determinations Approved After Appeal (Denial overturned)	43	24.2%
16. Expedited Prior Authorization Determinations Approved After Appeal (Denial upheld)	135	75.8%
G. Total Appeals of Expedited Denied Prior Authorization Requests	178	100%
17-a. Standard Request Average Approval Time (Days) (Includes Totals B, C, and D above)	4	N/A
17-b. Standard Request Median Approval Time (Days) (Includes Totals B, C, and D above)	4.23	N/A
18-a. Expedited Review Average Approval Time (Hours)	96	N/A
18-b. Expedited Review Median Approval Time (Hours)	5	N/A
19-a. Concurrent Care (Reauthorization) Request Average Approval Time (Days)	0.06	N/A
19-b. Concurrent Care (Reauthorization) Request Median Approval Time (Days)	1	N/A
20. Prior authorization requests for chiropractic services	0	N/A

Section VII: List All Items and Services That Required Prior Authorization

CPT Code	Description of Item or Service
11920	Tattooing To Correct Color Defects; 6.0 Sq Cm/<
11921	Tattooing To Correct Color Defects; 6.1-20.0 Sq Cm
11950	Subq Injection, Filling Matl; 1 Cc/<
11951	Subq Injection, Filling Matl; 1.1 To 5.0 Cc
11952	Subq Injection, Filling Matl; 5.1 To 10.0 Cc
11954	Subq Injection, Filling Matl; > 10.0 Cc
14040	Adjacent Tissue Transfer, Forehead/Cheeks/Chin/Mouth/Neck/Axillae/Genitalia/Hands/Feet; 10 Sq Cm/<
14041	Adjacent Tissue Transfer, Forehead/Cheeks/Chin/Mouth/Neck/Axillae/Genitalia/Hands/Feet; 10.1-30.0sqcm
14060	Adjacent Tissue Transfer/Rearrangement, Eyelids/Nose/Ears/Lips; Defect 10 Sq Cm/<
14061	Adjacent Tissue Transfer/Rearrangement, Eyelids/Nose/Ears/Lips; Defect 10.1-30.0 Sq Cm
15150	Tissue cultured skin autograft, trunk, arms, legs; first 25 sq cm or less
15155	Tissue cultured skin autograft, face, scalp, eyelids, mouth, neck, ears, orbits, genitalia, hands, feet, and/or multiple digits; first 25 sq cm or less
15271	Application of skin substitute graft to trunk, arms, legs, total wound surface area up to 100 sq cm; first 25 sq cm or less wound surface area
15273	Application of skin substitute graft to trunk, arms, legs, total wound surface area greater than or equal to 100 sq cm; first 100 sq cm wound surface area, or 1% of body area of infants and children
15275	Application of skin substitute graft to face, scalp, eyelids, mouth, neck, ears, orbits, genitalia, hands, feet, and/or multiple digits, total wound surface area up to 100 sq cm; first 25 sq cm or less wound surface area
15277	Application of skin substitute graft to face, scalp, eyelids, mouth, neck, ears, orbits, genitalia, hands, feet, and/or multiple digits, total wound surface area greater than or equal to 100 sq cm; first 100 sq cm wound surface area, or 1% of body area of infants and children
15756	Free muscle or myocutaneous flap with microvascular anastomosis
15771	Grafting of autologous fat harvested by liposuction technique to trunk, breasts, scalp, arms, and/or legs; 50 cc or less injectate
15773	Grafting of autologous fat harvested by liposuction technique to face, eyelids, mouth, neck, ears, orbits, genitalia, hands, and/or feet; 25 cc or less injectate
15775	Punch Graft, Hair Transplant; 1-15 Punch Grafts
15776	Punch Graft, Hair Transplant; > 15 Punch Grafts
15777	Implantation of biologic implant (eg, acellular dermal matrix) for soft tissue reinforcement (ie, breast, trunk) (List separately in addition to code for primary procedure)
15780	Dermabrasion; Total Face
15781	Dermabrasion; Segmental, Face
15782	Dermabrasion; Regional, Other Than Face
15783	Dermabrasion; Superficial, Any Site
15786	Abrasion; Single Lesion
15788	Chemical Peel, Facial; Epidermal
15789	Chemical Peel, Facial; Dermal
15792	Chemical Peel, Nonfacial; Epidermal

15793	Chemical Peel, Nonfacial; Dermal
15819	Cervicoplasty
15820	Blepharoplasty, Lower Eyelid
15821	Blepharoplasty, Lower Eyelid; W/Extensive Herniated Fat Pad
15822	Blepharoplasty, Upper Eyelid
15823	Blepharoplasty, Upper Eyelid; W/Excessive Skin Weighting Down Lid
15824	Rhytidectomy; Forehead
15825	Rhytidectomy; Neck W/Platysmal Tightening (Platysmal Flap, P-Flap)
15826	Rhytidectomy; Glabellar Frown Lines
15828	Rhytidectomy; Cheek, Chin, & Neck
15829	Rhytidectomy; Superficial Musculoaponeurotic System (Smas) Flap
15830	Excision, excessive skin and subcutaneous tissue (includes lipectomy, abdomen, infraumbilical panniculectomy)
15832	Excision, excessive skin and subcutaneous tissue (includes lipectomy); thigh
15833	Excision, excessive skin and subcutaneous tissue (includes lipectomy); leg
15834	Excision, excessive skin and subcutaneous tissue (includes lipectomy); hip
15835	Excision, excessive skin and subcutaneous tissue (includes lipectomy); buttock
15836	Excision, excessive skin and subcutaneous tissue (includes lipectomy); arm
15837	Excision, excessive skin and subcutaneous tissue (includes lipectomy); forearm or hand
15838	Excision, excessive skin and subcutaneous tissue (includes lipectomy); submental fat pad
15839	Excision, excessive skin and subcutaneous tissue (includes lipectomy); other area
15840	Graft, Facial Nerve Paralysis; Free Fascia Graft (W/Obtaining Fascia)
15841	Graft, Facial Nerve Paralysis; Free Muscle Graft (W/Obtaining Graft)
15842	Graft, Facial Nerve Paralysis; Free Muscle Flap, Microsurgical Technique
15845	Graft, Facial Nerve Paralysis; Regional Muscle Transfer
15876	Suction Assisted Lipectomy; Head & Neck
15877	Suction Assisted Lipectomy; Trunk
15878	Suction Assisted Lipectomy; Upper Extremity
15879	Suction Assisted Lipectomy; Lower Extremity
17106	Destruction, Cutaneous Vascular Proliferative Lesions; < 10 Sq Cm
17107	Destruction, Cutaneous Vascular Proliferative Lesions; 10.0-50.0 Sq Cm
17108	Destruction, Cutaneous Vascular Proliferative Lesions; > 50.0 Sq Cm
17380	Electrolysis epilation, each 30 minutes
19105	Ablation, cryosurgical, of fibroadenoma, including ultrasound guidance, each fibroadenoma
19296	Placement of radiotherapy afterloading expandable catheter (single or multichannel) into the breast for interstitial radioelement application following partial mastectomy, includes imaging guidance; on date separate from partial mastectomy
19298	Placement of radiotherapy after loading brachytherapy catheters (multiple tube and button type) into the breast for interstitial radioelement application following (at the time of or subsequent to) partial mastectomy, includes imaging guidance
19300	Mastectomy for gynecomastia
19303	Mastectomy , simple, complete
19316	Mastopexy
19318	Breast reduction

19325	Breast augmentation with implant
19328	Removal of intact breast implant
19330	Removal of ruptured breast implant, including implant contents (eg, saline, silicone gel)
19340	Insertion of breast implant on same day of mastectomy (ie, immediate)
19342	Insertion or replacement of breast implant on separate day from mastectomy
19350	Nipple/Areola Reconstruction
19355	Correction, Inverted Nipples
19357	Tissue expander placement in breast reconstruction, including subsequent expansion(s)
19361	Breast reconstruction; with latissimus dorsi flap
19364	Breast reconstruction; with free flap (eg, fTRAM, DIEP, SIEA, GAP flap)
19366	Breast reconstruction with other technique
19367	Breast reconstruction; with single-pedicled transverse rectus abdominis myocutaneous (TRAM) flap
19368	Breast reconstruction; with single-pedicled transverse rectus abdominis myocutaneous (TRAM) flap, requiring separate microvascular anastomosis (supercharging)
19369	Breast reconstruction; with bipedicled transverse rectus abdominis myocutaneous (TRAM) flap
19380	Revision of reconstructed breast (eg, significant removal of tissue, re-advancement and/or re-inset of flaps in autologous reconstruction or significant capsular revision combined with soft tissue excision in implant-based reconstruction)
19396	Preparation, Moulage, Custom Breast Implant
20555	Placement of needles or catheters into muscle and/or soft tissue for subsequent interstitial radioelement application (at the time of or subsequent to the procedure)
20560	Needle insertion(s) without injection(s); 1 or 2 muscle(s)
20561	Needle insertion(s) without injection(s); 3 or more muscles
20605	Arthrocentesis, Aspiration &/Or Injection; Intermediate Joint/Bursa
20606	Arthrocentesis, aspiration and/or injection, intermediate joint or bursa (eg, temporomandibular, acromioclavicular, wrist, elbow or ankle, olecranon bursa); with ultrasound guidance, with permanent recording and reporting
20930	Allograft, morselized, or placement of osteopromotive material, for spine surgery only (List separately in addition to code for primary procedure)
20931	Allograft, structural, for spine surgery only (List separately in addition to code for primary procedure)
20932	Allograft, includes templating, cutting, placement and internal fixation, when performed; osteoarticular, including articular surface and contiguous bone (List separately in addition to code for primary procedure)
20933	Allograft, includes templating, cutting, placement and internal fixation, when performed; hemicortical intercalary, partial (ie, hemicylindrical) (List separately in addition to code for primary procedure)
20934	Allograft, includes templating, cutting, placement and internal fixation, when performed; intercalary, complete (ie, cylindrical) (List separately in addition to code for primary procedure)
20936	Autograft for spine surgery only (includes harvesting the graft); local (eg, ribs, spinous process, or laminar fragments)
20937	Autograft for spine surgery only (includes harvesting the graft); morselized (through separate skin or fascial incision)

20938	Autograft for spine surgery only (includes harvesting the graft); structural, bicortical or tricortical (through separate skin or fascial incision) (List separately in addition to code for primary procedure)
20939	Bone marrow aspiration for bone grafting, spine surgery only, through separate skin or fascial incision (List separately in addition to code for primary procedure)
20974	Electrical Stimulation To Aid Bone Healing; Noninvasive (Nonoperative)
20979	Low Intensity Ultrasound Stimulation To Aid Bone Healing; Noninvasive
20982	Ablation, Bone Tumor(s) Radiofrequency, Percutaneous, Including Computed Tomographic Guidance
20983	Ablation therapy for reduction or eradication of 1 or more bone tumors (eg, metastasis) including adjacent soft tissue when involved by tumor extension, percutaneous, including imaging guidance when performed; cryoablation
21010	Arthrotomy, Temporomandibular Joint
21050	Condylectomy, Temporomandibular Joint (Sep Proc)
21060	Meniscectomy, Partial/Complete, Temporomandibular Joint (Sep Proc)
21073	Manipulation of temporomandibular joint(s) (TMJ), therapeutic, requiring an anesthesia service (ie, general or monitored anesthesia care)
21083	Impression & Custom Preparation; Palatal Lift Prosthesis
21086	Impression & Custom Preparation; Auricular Prosthesis
21087	Impression & Custom Preparation; Nasal Prosthesis
21110	Application, Interdental Fixation Device, Non-Fx/Dislocation, W/Removal
21116	Injection Proc, Temporomandibular Joint Arthrography
21120	Genioplasty; Augmentation (Autograft, Allograft, Prosthetic Matl)
21121	Genioplasty; Sliding Osteotomy, Single Piece
21122	Genioplasty; sliding osteotomies, 2 or more osteotomies (eg, wedge excision or bone wedge reversal for asymmetrical chin)
21123	Genioplasty; Sliding, Augmentation W/Interpositional Bone Grafts W/Obtaining Autograft
21125	Augmentation, Mandibular Body/Angle; Prosthetic Matl
21127	Augmentation, Mandibular Body/Angle; W/Bone Graft/Onlay/Interpositional W/Obtaining Autograft
21137	Reduction Forehead; Contouring Only
21138	Reduction Forehead; Contouring/Prosthesis/Bone Graft W/Obtaining Autograft
21139	Reduction Forehead; Contouring & Setback, Anterior Frontal Sinus Wall
21141	Reconstruction Midface, Lefort I; 1 Piece, W/O Bone Graft
21142	Reconstruction midface, LeFort I; 2 pieces, segment movement in any direction, without bone graft
21143	Reconstruction midface, LeFort I; 3 or more pieces, segment movement in any direction, without bone graft
21145	Reconstruction Midface, Lefort I; 1 Piece, W/Bone Grafts
21146	Reconstruction midface, LeFort I; 2 pieces, segment movement in any direction, requiring bone grafts (includes obtaining autografts) (eg, ungrafted unilateral alveolar cleft)
21147	Reconstruction midface, LeFort I; 3 or more pieces, segment movement in any direction, requiring bone grafts (includes obtaining autografts) (eg, ungrafted bilateral alveolar cleft or multiple osteotomies)
21150	Reconstruction Midface, Lefort II; Anterior Intrusion

21151	Reconstruction Midface, Lefort li; W/Bone Grafts
21154	Reconstruction Midface, Lefort lii, W/Bone Grafts; W/O Lefort I
21155	Reconstruction Midface, Lefort lii, W/Bone Grafts; W/Lefort I
21159	Reconstruction Midface, Lefort lii, (Extra/Intracranial), W/Bone Grafts, W/O Lefort I
21160	Reconstruction Midface, Lefort lii, (Extra/Intracranial), W/Bone Grafts, W/Lefort I
21172	Reconstruction Superior-Lateral Orbital Rim & Lower Forehead
21175	Reconstruction, Bifrontal, Superior-Lateral Orbital Rims & Lower Forehead
21179	Reconstruction, Majority, Forehead & Supraorbital Rims; W/Grafts (Allograft/Prosthetic)
21180	Reconstruction, Majority, Forehead & Supraorbital Rims; W/Autograft
21182	Reconstruction, Orbit/Forehead/Nasoethmoid, Following Excision, Benign Tumor, Graft < 40 Sq Cm
21183	Reconstruction, Orbit/Forehead/Nasoethmoid, Following Excision, Benign Tumor, Graft 40-80 Sq Cm
21184	Reconstruction, Orbit/Forehead/Nasoethmoid, Following Excision, Benign Tumor, Graft > 80 Sq Cm
21188	Reconstruction, Midface, Osteotomies (Non-Lefort Type), W/Grafts, W/Obtaining Autografts
21193	Reconstruction, Mandibular Rami, Horizontal, Vertical, "C"/"L" Osteotomy; W/O Bone Graft
21194	Reconstruction, Mandibular Rami, Horizontal, Vertical, "C"/"L" Osteotomy; W/Bone Graft
21195	Reconstruction, Mandibular Rami &/Or Body, Sagittal Split; W/O Int Rigid Fixation
21196	Reconstruction, Mandibular Rami &/Or Body, Sagittal Split; W/Int Rigid Fixation
21198	Osteotomy, Mandible, Segmental
21199	Osteotomy, Mandible, Segmental; W/Genioglossus Advancement
21206	Osteotomy, Maxilla, Segmental
21208	Osteoplasty, Facial Bones; Augmentation (Autograft, Allograft/Prosthetic Implant)
21209	Osteoplasty, Facial Bones; Reduction
21210	Graft, Bone; Nasal, Maxillary/Malar Areas (Includes Obtaining Graft)
21215	Graft, Bone; Mandible (Includes Obtaining Graft)
21230	Graft; Rib Cartilage, Autogenous, Face/Chin/Nose/Ear (Includes Obtaining Graft)
21235	Graft; Ear Cartilage, Autogenous, Nose/Ear (Includes Obtaining Graft)
21240	Arthroplasty, Temporomandibular Joint, W/Wo Autograft (Includes Obtaining Graft)
21242	Arthroplasty, Temporomandibular Joint, W/Allograft
21243	Arthroplasty, Temporomandibular Joint, W/Prosthetic Joint Replacement
21244	Reconstruction, Mandible, Extraoral, W/Transosteal Bone Plate
21245	Reconstruction, Mandible/Maxilla, Subperiosteal Implant; Partial
21246	Reconstruction, Mandible/Maxilla, Subperiosteal Implant; Complete
21247	Reconstruction, Mandibular Condyle W/Bone & Cartilage Autografts
21255	Reconstruction, Zygomatic Arch/Glenoid Fossa W/Bone & Cartilage (Includes Obtaining Autografts)
21256	Reconstruction, Orbit W/Osteotomies & Bone Grafts (Includes Obtaining Autografts)
21270	Malar Augmentation, Prosthetic Matl
21275	Secondary Revision, Orbitocraniofacial Reconstruction
21685	Hyoid Myotomy and Suspension
21740	Reconstructive Repair, Pectus Excavatum/Carinatum; Open

21742	Reconstructive Repair, Pectus Excavatum/Carinatum; Minimal Invasive Approach, W/O Thoracoscopy
21743	Reconstructive Repair, Pectus Excavatum/Carinatum; Minimal Invasive Approach, W/Thoracoscopy
21811	Open treatment of rib fracture(s) with internal fixation, includes thoracoscopic visualization when performed, unilateral; 1-3 ribs
21812	Open treatment of rib fracture(s) with internal fixation, includes thoracoscopic visualization when performed, unilateral; 4-6 ribs
21813	Open treatment of rib fracture(s) with internal fixation, includes thoracoscopic visualization when performed, unilateral; 7 or more ribs
22206	Osteotomy of spine, posterior or posterolateral approach, 3 columns, 1 vertebral segment (eg, pedicle/vertebral body subtraction); thoracic
22207	Osteotomy of spine, posterior or posterolateral approach, 3 columns, 1 vertebral segment (eg, pedicle/vertebral body subtraction); lumbar
22208	Osteotomy of spine, posterior or posterolateral approach, 3 columns, 1 vertebral segment (eg, pedicle/vertebral body subtraction); each additional vertebral segment (List separately in addition to code for primary procedure)
22210	Osteotomy of spine, posterior or posterolateral approach, 1 vertebral segment; cervical
22212	Osteotomy of spine, posterior or posterolateral approach, 1 vertebral segment; thoracic
22214	Osteotomy of spine, posterior or posterolateral approach, 1 vertebral segment; lumbar
22216	Osteotomy, Spine, Posterior/Posterolateral Approach, 1 Vertebral Segment; Add'l Segment
22220	Osteotomy of spine, including discectomy, anterior approach, single vertebral segment; cervical
22222	Osteotomy of spine, including discectomy, anterior approach, single vertebral segment; thoracic
22224	Osteotomy of spine, including discectomy, anterior approach, single vertebral segment; lumbar
22226	Osteotomy of spine, including discectomy, anterior approach, single vertebral segment; each additional vertebral segment (List separately in addition to code for primary procedure)
22505	Manipulation, Spine, Requiring Anesthesia, Any Region
22510	Percutaneous vertebroplasty (bone biopsy included when performed), 1 vertebral body, unilateral or bilateral injection, inclusive of all imaging guidance; cervicothoracic
22511	Percutaneous vertebroplasty (bone biopsy included when performed), 1 vertebral body, unilateral or bilateral injection, inclusive of all imaging guidance; lumbosacral
22512	Percutaneous vertebroplasty (bone biopsy included when performed), 1 vertebral body, unilateral or bilateral injection, inclusive of all imaging guidance; each additional cervicothoracic or lumbosacral vertebral body (List separately in addition to code for primary procedure)
22513	Percutaneous vertebral augmentation, including cavity creation (fracture reduction and bone biopsy included when performed) using mechanical device (eg, kyphoplasty), 1 vertebral body, unilateral or bilateral cannulation, inclusive of all imaging guidance; thoracic
22514	Percutaneous vertebral augmentation, including cavity creation (fracture reduction and bone biopsy included when performed) using mechanical device (eg, kyphoplasty), 1 vertebral body, unilateral or bilateral cannulation, inclusive of all imaging guidance; lumbar
22515	Percutaneous vertebral augmentation, including cavity creation (fracture reduction and bone biopsy included when performed) using mechanical device (eg, kyphoplasty), 1 vertebral body,

	unilateral or bilateral cannulation, inclusive of all imaging guidance; each additional thoracic or lumbar vertebral body (List separately in addition to code for primary procedure)
22526	Percutaneous intradiscal electrothermal annuloplasty, unilateral or bilateral including fluoroscopic guidance; single level
22527	Percutaneous intradiscal electrothermal annuloplasty, unilateral or bilateral including fluoroscopic guidance; 1 or more additional levels (List separately in addition to code for primary procedure)
22532	Arthrodesis, lateral extracavitary technique, including minimal discectomy to prepare interspace (other than for decompression); thoracic
22533	Arthrodesis, lateral extracavitary technique, including minimal discectomy to prepare interspace (other than for decompression); lumbar
22534	Arthrodesis, lateral extracavitary technique, including minimal discectomy to prepare interspace (other than for decompression); thoracic or lumbar, each additional vertebral
22548	Arthrodesis, anterior transoral or extraoral technique, clivus-C1-C2 (atlas-axis), with or without excision of odontoid process
22551	Arthrodesis, anterior interbody, including disc space preparation, discectomy, osteophytectomy and decompression of spinal cord and/or nerve roots; cervical below C2
22552	Arthrodesis, anterior interbody, including disc space preparation, discectomy, osteophytectomy and decompression of spinal cord and/or nerve roots; cervical below C2, each additional interspace (List separately in addition to code for separate procedure)
22554	Arthrodesis, anterior interbody technique, including minimal discectomy to prepare interspace (other than for decompression); cervical below C2
22556	Arthrodesis, anterior interbody technique, including minimal discectomy to prepare interspace (other than for decompression); thoracic
22558	Arthrodesis, anterior interbody technique, including minimal discectomy to prepare interspace (other than for decompression); lumbar
22585	Arthrodesis, anterior interbody technique, including minimal discectomy to prepare interspace (other than for decompression); each additional interspace (List separately in addition to code for primary procedure)
22586	Arthrodesis, pre-sacral interbody technique, including disc space preparation, discectomy, with posterior instrumentation, with image guidance, includes bone graft when performed, L5-S1 interspace
22590	Arthrodesis, posterior technique, craniocervical (occiput-C2)
22595	Arthrodesis, posterior technique, atlas-axis (C1-C2)
22600	Arthrodesis, posterior or posterolateral technique, single interspace; cervical below C2 segment
22610	Arthrodesis, posterior or posterolateral technique, single interspace; thoracic (with lateral transverse technique, when performed)
22612	Arthrodesis, posterior or posterolateral technique, single interspace; lumbar (with lateral transverse technique, when performed)
22614	Arthrodesis, posterior or posterolateral technique, single interspace; each additional interspace (List separately in addition to code for primary procedure)
22630	Arthrodesis, posterior interbody technique, including laminectomy and/or discectomy to prepare interspace (other than for decompression), single interspace; lumbar
22632	Arthrodesis, posterior interbody technique, including laminectomy and/or discectomy to prepare interspace (other than for decompression), single interspace, lumbar; each additional interspace (List separately in addition to code for primary procedure)

22633	Arthrodesis, combined posterior or posterolateral technique with posterior interbody technique including laminectomy and/or discectomy sufficient to prepare interspace (other than for decompression), single interspace, lumbar;
22634	Arthrodesis, combined posterior or posterolateral technique with posterior interbody technique including laminectomy and/or discectomy sufficient to prepare interspace (other than for decompression), single interspace, lumbar; each additional interspace (List separately in addition to code for primary procedure)
22800	Arthrodesis, posterior, for spinal deformity, with or without cast; up to 6 vertebral segments
22802	Arthrodesis, posterior, for spinal deformity, with or without cast; 7 to 12 vertebral segments
22804	Arthrodesis, posterior, for spinal deformity, with or without cast; 13 or more vertebral segments
22808	Arthrodesis, anterior, for spinal deformity, with or without cast; 2 to 3 vertebral segments
22810	Arthrodesis, anterior, for spinal deformity, with or without cast; 4 to 7 vertebral segments
22812	Arthrodesis, anterior, for spinal deformity, with or without cast; 8 or more vertebral segments
22818	Kyphectomy, Exposure Of Spine & Resection Vertebral Segments; 1-2 Segs
22819	Kyphectomy, Exposure Of Spine & Resection Vertebral Segments; 3 / More
22830	Exploration of Spinal Fusion
22836	Anterior thoracic vertebral body tethering, including thoracoscopy, when performed; up to 7 vertebral segments
22837	Anterior thoracic vertebral body tethering, including thoracoscopy, when performed; 8 or more vertebral segments
22838	Revision (eg, augmentation, division of tether), replacement, or removal of thoracic vertebral body tethering, including thoracoscopy, when performed
22840	Posterior non-segmental instrumentation (eg, Harrington rod technique, pedicle fixation across 1 interspace, atlantoaxial transarticular screw fixation, sublaminar wiring at C1, facet screw fixation) (List separately in addition to code for primary procedure)
22841	Internal spinal fixation by wiring of spinous processes (List separately in addition to code for primary procedure)
22842	Posterior segmental instrumentation (eg, pedicle fixation, dual rods with multiple hooks and sublaminar wires); 3 to 6 vertebral segments (List separately in addition to code for primary procedure)
22843	Posterior segmental instrumentation (eg, pedicle fixation, dual rods with multiple hooks and sublaminar wires); 7 to 12 vertebral segments (List separately in addition to code for primary procedure)
22844	Posterior segmental instrumentation (eg, pedicle fixation, dual rods with multiple hooks and sublaminar wires); 13 or more vertebral segments (List separately in addition to code for primary procedure)
22845	Anterior instrumentation; 2 to 3 vertebral segments (List separately in addition to code for primary procedure)
22846	Anterior instrumentation; 4 to 7 vertebral segments (List separately in addition to code for primary procedure)
22847	Anterior instrumentation; 8 or more vertebral segments (List separately in addition to code for primary procedure)
22848	Pelvic fixation (attachment of caudal end of instrumentation to pelvic bony structures) other than sacrum (List separately in addition to code for primary procedure)
22849	Reinsertion, Spinal Fixation Device

22852	Removal, Posterior Segmental Instrumentation
22853	Insertion of interbody biomechanical device(s) (eg, synthetic cage, mesh) with integral anterior instrumentation for device anchoring (eg, screws, flanges), when performed, to intervertebral disc space in conjunction with interbody arthrodesis, each interspace (List separately in addition to code for primary procedure)
22854	Insertion of intervertebral biomechanical device(s) (eg, synthetic cage, mesh) with integral anterior instrumentation for device anchoring (eg, screws, flanges), when performed, to vertebral corpectomy(ies) (vertebral body resection, partial or complete) defect, in conjunction with interbody arthrodesis, each contiguous defect (List separately in addition to code for primary procedure)
22856	Total disc arthroplasty (artificial disc), anterior approach, including discectomy with end plate preparation (includes osteophytectomy for nerve root or spinal cord decompression and microdissection); single interspace, cervical
22857	Total disc arthroplasty (artificial disc), anterior approach, including discectomy to prepare interspace (other than for decompression); single interspace, lumbar
22858	Total disc arthroplasty (artificial disc), anterior approach, including discectomy with end plate preparation (includes osteophytectomy for nerve root or spinal cord decompression)
22859	Insertion of intervertebral biomechanical device(s) (eg, synthetic cage, mesh, methacrylate) to intervertebral disc space or vertebral body defect without interbody arthro
22860	Total disc arthroplasty (artificial disc), anterior approach, including discectomy to prepare interspace (other than for decompression); second interspace, lumbar (List separately in addition to code for primary procedure)
22861	Revision including replacement of total disc arthroplasty (artificial disc), anterior approach, single interspace; cervical
22862	Revision including replacement of total disc arthroplasty (artificial disc), anterior approach, single interspace; lumbar
22864	Removal of total disc arthroplasty (artificial disc), anterior approach, single interspace; cervical
22865	Removal of total disc arthroplasty (artificial disc), anterior approach, single interspace; lumbar
22867	Insertion of interlaminar/interspinous process stabilization/distraction device, without fusion, including image guidance when performed, with open decompression, lumbar; single level
22868	Insertion of interlaminar/interspinous process stabilization/distraction device, without fusion, including image guidance when performed, with open decompression, lumbar; second level (List separately in addition to code for primary procedure)
22869	Insertion of interlaminar/interspinous process stabilization/distraction device, without open decompression or fusion, including image guidance when performed, lumbar; single level
22870	Insertion of interlaminar/interspinous process stabilization/distraction device, without open decompression or fusion, including image guidance when performed, lumbar; second level (List separately in addition to code for primary procedure)
23105	Arthrotomy; Glenohumeral Joint, W/Synovectomy, W/Wo Bx
23107	Arthrotomy, Glenohumeral Joint, W/Exploration, W/Wo Loose/Fb Removal
23120	Claviculectomy; Partial
23130	Acromioplasty/Acromionectomy, Partial, W/Wo Coracoacromial Ligament Release
23410	Repair, Ruptured Musculotendinous Cuff, Open; Acute
23412	Repair, Ruptured Musculotendinous Cuff; Chronic

23415	Coracoacromial Ligament Release, W/Wo Acromioplasty
23420	Reconstruction, Complete Shoulder (Rotator) Cuff Avulsion, Chronic (Includes Acromioplasty)
23430	Tenodesis, Long Tendon, Biceps
23440	Resection/Transplantation, Long Tendon, Biceps
23450	Capsulorrhaphy, Anterior; Putti-Platt Proc/Magnuson Type Operation
23455	Capsulorrhaphy, Anterior; W/Labral Repair
23460	Capsulorrhaphy, Anterior, Any Type; W/Bone Block
23462	Capsulorrhaphy, Anterior, Any Type; W/Coracoid Process Transfer
23465	Capsulorrhaphy, Glenohumeral Joint, Posterior, W/Wo Bone Block
23466	Capsulorrhaphy, Glenohumeral Joint, Any Type Multi-Directional Instability
23470	Arthroplasty, Glenohumeral Joint; Hemiarthroplasty
23472	Arthroplasty, Glenohumeral Joint; Total Shoulder
23473	Revision of total shoulder arthroplasty, including allograft when performed; humeral or glenoid component
23474	Revision of total shoulder arthroplasty, including allograft when performed; humeral and glenoid component
23700	Manipulation W/Anesthesia, Shoulder Joint, W/Application Of Fixation Apparatus (Excl Dislocation)
24300	Manipulation, Elbow, Under Anesthesia
25259	Manipulation, Wrist, Under Anesthesia
26340	Manipulation, Finger Joint, Under Anesthesia, Each Joint
27096	Injection procedure for sacroiliac joint, anesthetic/steroid, with image guidance (fluoroscopy or CT) including arthrography when performed
27120	Acetabuloplasty;
27122	Acetabuloplasty; Resection, Femoral Head
27125	Hemiarthroplasty, Hip, Partial
27130	Arthroplasty, Acetabular/Proximal Femoral Prosthetic Replacement, W/Wo Autograft/Allograft
27132	Conversion, Previous Hip Surgery To Total Hip Arthroplasty, W/Wo Autograft/Allograft
27134	Revision, Total Hip Arthroplasty; Both Components, W/Wo Autograft/Allograft
27137	Revision, Total Hip Arthroplasty; Acetabular Component Only, W/Wo Autograft/Allograft
27138	Revision, Total Hip Arthroplasty; Femoral Component Only, W/Wo Allograft
27275	Manipulation, Hip Joint, Requiring General Anesthesia
27279	Arthrodesis, sacroiliac joint, percutaneous or minimally invasive (indirect visualization), with image guidance, includes obtaining bone graft when performed, and placement of transfixation device
27331	Arthrotomy, Knee; W/Joint Exploration, Bx/Removal, Loose/Fb
27332	Arthrotomy, W/Excision, Semilunar Cartilage (Meniscectomy) Knee; Medial/Lateral
27333	Arthrotomy, W/Excision, Semilunar Cartilage (Meniscectomy) Knee; Medial & Lateral
27334	Arthrotomy, W/Synovectomy Knee; Anterior/Posterior
27335	Arthrotomy, W/Synovectomy Knee; Anterior & Posterior W/Popliteal Area
27345	Excision, Synovial Cyst, Popliteal Space
27403	Arthrotomy W/Meniscus Repair, Knee
27405	Repair, Primary, Torn Ligament &/Or Capsule, Knee; Collateral
27407	Repair, Primary, Torn Ligament &/Or Capsule, Knee; Cruciate

27409	Repair, Primary, Torn Ligament &/Or Capsule, Knee; Collateral & Cruciate Ligaments
27412	Autologous Chondrocyte Implantation, Knee
27415	Rep Ligaments Knee+pes Anserin Tran
27416	Osteochondral autograft(s), knee, open (eg, mosaicplasty) (includes harvesting of autograft(s))
27425	Lateral Retinacular Release Open
27427	Ligamentous Reconstruction (Augmentation), Knee; Extra-Articular
27428	Ligamentous Reconstruction (Augmentation), Knee; Intra-Articular, (Open)
27429	Ligamentous Reconstruction (Augmentation), Knee; Intra-Articular, (Open) & Extra-Articular
27437	Arthroplasty, Patella; W/O Prosthesis
27438	Arthroplasty, Patella; W/Prosthesis
27440	Arthroplasty, Knee, Tibial Plateau
27441	Arthroplasty, Knee, Tibial Plateau; W/Debridement & Partial Synovectomy
27442	Arthroplasty, Femoral Condyles/Tibial Plateau(S), Knee
27443	Arthroplasty, Femoral Condyles/Tibial Plateau(S), Knee; W/Debridement & Partial Synovectomy
27445	Arthroplasty, Knee, Hinge Prosthesis
27446	Arthroplasty, Knee, Condyle & Plateau; Medial/Lateral Compartment
27447	Arthroplasty, Knee, Condyle & Plateau; Medial & Lateral Compartments, W/Wo Patella Resurfacing
27486	Revision, Total Knee Arthroplasty, W/Wo Allograft; 1 Component
27487	Revision, Total Knee Arthroplasty; Femoral & Entire Tibial Component
27488	Removal, Knee Prosthesis, Methylmethacrylate W/Wo Spacer Insertion
27570	Manipulation, Knee Joint Under General Anesthesia
27702	Arthroplasty, Ankle; W/Implant (Total Ankle)
27703	Arthroplasty, Ankle; Revision, Total Ankle
27704	Removal, Ankle Implant
27860	Manipulation, Ankle Under General Anesthesia
27870	Arthrodesis, Ankle, Open
28110	Ostectomy, Partial Excision, 5th Metatarsal Head (Bunionette) (Sep Proc)
28285	Correction, Hammertoe
28286	Correction, Cock-Up Fifth Toe, W/Plastic Skin Closure
28289	Hallux rigidus correction with cheilectomy, debridement and capsular release of the first metatarsophalangeal joint; without implant
28291	Hallux rigidus correction with cheilectomy, debridement and capsular release of the first metatarsophalangeal joint with implant
28292	Correction, hallux valgus with bunionectomy, with sesamoidectomy when performed; with resection of proximal phalanx base, when performed, any method
28295	Correction, hallux valgus with bunionectomy, with sesamoidectomy when performed; with proximal metatarsal osteotomy, any method
28296	Correction, hallux valgus with bunionectomy, with sesamoidectomy when performed; with distal metatarsal osteotomy, any method
28297	Correction, hallux valgus with bunionectomy, with sesamoidectomy when performed; with first metatarsal and medial cuneiform joint arthrodesis, any method

28298	Correction, hallux valgus with bunionectomy, with sesamoidectomy when performed; with proximal phalanx osteotomy, any method
28299	Correction, hallux valgus with bunionectomy, with sesamoidectomy when performed; with double osteotomy, any method
28306	Osteotomy, Metatarsal, W/Wo Lengthening/Shortening/Ang Correction; 1st Metatarsal
28307	Osteotomy, Metatarsal, W/Wo Lengthening/Shortening/Ang Correction; 1st Metatarsal W/Autograft
28308	Osteotomy, Metatarsal, W/Wo Lengthening/Shortening/Ang Correction; Not 1st Metatarsal, Each
28310	Osteotomy, Shortening, Angular/Rotational Correction; Proximal Phalanx, 1st Toe (Sep Proc)
28312	Osteotomy, Shortening, Angular/Rotational Correction; Other Phalanges, Any Toe
28315	Sesamoidectomy, 1st Toe (Sep Proc)
28446	Open osteochondral autograft, talus (includes obtaining grafts)
28750	Arthrodesis, Great Toe; Metatarsophalangeal Joint
28890	Extracorporeal shock wave, high energy, performed by a physician or other qualified health care professional, requiring anesthesia other than local, including ultrasound guidance, involving the plantar fascia
29800	Arthroscopy, Temporomandibular Joint, Dx W/Wo Synovial Bx (Sep Proc)
29804	Arthroscopy, Temporomandibular Joint, Surgical
29805	Arthroscopy, shoulder, diagnostic, with or without synovial biopsy (separate procedure)
29806	Arthroscopy, shoulder, surgical; capsulorrhaphy
29807	Arthroscopy, shoulder, surgical; repair of SLAP lesion
29819	Arthroscopy, shoulder, surgical; with removal of loose body or foreign body
29820	Arthroscopy, shoulder, surgical; synovectomy, partial
29821	Arthroscopy, shoulder, surgical; synovectomy, complete
29822	Arthroscopy, shoulder, surgical; debridement, limited, 1 or 2 discrete structures (eg, humeral bone, humeral articular cartilage, glenoid bone, glenoid articular cartilage, biceps tendon, biceps anchor complex, labrum, articular capsule, articular side of the rotator cuff, bursal side of the rotator cuff, subacromial bursa, foreign body[ies])
29823	Arthroscopy, shoulder, surgical; debridement, extensive, 3 or more discrete structures (eg, humeral bone, humeral articular cartilage, glenoid bone, glenoid articular cartilage, biceps tendon, biceps anchor complex, labrum, articular capsule, articular side of the rotator cuff, bursal side of the rotator cuff, subacromial bursa, foreign body[ies])
29824	Arthroscopy, shoulder, surgical; distal claviclectomy including distal articular surface (Mumford procedure)
29825	Arthroscopy, shoulder, surgical; with lysis and resection of adhesions, with or without manipulation
29826	Arthroscopy, shoulder, surgical; decompression of subacromial space with partial acromioplasty, with coracoacromial ligament (ie, arch) release, when performed (List separately in addition to code for primary procedure)
29827	Arthroscopy, shoulder, surgical; with rotator cuff repair
29828	Arthroscopy, shoulder, surgical; biceps tenodesis
29860	Arthroscopy, Hip, Dx W/Wo Synovial Bx (Sep Proc)
29861	Arthroscopy, Hip, Surgical; W/Removal, Loose/Foreign Body
29862	Arthroscopy, Hip, Surgical; W/Chondroplasty/Arthroplasty, &/Or Resection, Labrum

29863	Arthroscopy, Hip, Surgical; W/Synovectomy
29866	Arthroscopy, knee, surgical; osteochondral autograft(s) (eg, mosaicplasty) (includes harvesting of the autograft[s])
29867	Arthroscopy, Knee, Surgical; Osteochondral Allograft (Eg, Mosaicplasty)
29868	Arthroscopy, Knee, Surgical; Meniscal Transplantation (Includes Arthrotomy For Meniscal Insertion), Medial Or Lateral
29870	Arthroscopy, Knee, Dx, W/Wo Synovial Bx (Sep Proc)
29871	Arthroscopy, Knee, Surgical; Infection, Lavage & Drainage
29873	Arthroscopy, Knee, Surgical; W/Lateral Release
29874	Arthroscopy, Knee, Surgical; Removal, Loose/Fb
29875	Arthroscopy, Knee, Surgical; Synovectomy, Limited (Sep Proc)
29876	Arthroscopy, knee, surgical; synovectomy, major, 2 or more compartments (eg, medial or lateral)
29877	Arthroscopy, Knee, Surgical; Debridement/Shaving, Articular Cartilage (Chondroplasty)
29879	Arthroscopy, Knee, Surgical; Abrasion Arthroplasty (W/Chondroplasty)/Multiple Drilling/Microfx
29880	Arthroscopy, knee, surgical; with meniscectomy (medial AND lateral, including any meniscal shaving) including debridement/shaving of articular cartilage (chondroplasty), same or separate compartment(s), when performed
29881	Arthroscopy, knee, surgical; with meniscectomy (medial OR lateral, including any meniscal shaving) including debridement/shaving of articular cartilage (chondroplasty), same or separate compartment(s), when performed
29882	Arthroscopy, Knee, Surgical; W/Meniscus Repair, Medial/Lateral
29883	Arthroscopy, Knee, Surgical; W/Meniscus Repair, Medial & Lateral
29884	Arthroscopy, Knee, Surgical; W/Lysis, Adhesions, W/Wo Manipulation (Sep Proc)
29885	Arthroscopy, Knee, Surgical; Drill, Osteochondritis Dissecans W/Bone Graft, W/Wo Int/Ext Fixation
29886	Arthroscopy, Knee, Surgical; Drilling, Intact Osteochondritis Dissecans Lesion
29887	Arthroscopy, Knee, Surgical; Drilling, Intact Osteochondritis Dissecans Lesion W/Int Fixation
29888	Arthroscopically Aided Anterior Cruciate Ligament Repair/Augmentation/Reconstruction
29889	Arthroscopically Aided Posterior Cruciate Ligament Repair/Augmentation/Reconstruction
29892	Arthroscopically Aided Repair, Osteochondritis/Talar Dome Fx/Tibial Plafond Fx
29914	Arthroscopy, hip, surgical; with femoroplasty (ie, treatment of cam lesion)
29915	Arthroscopy, subtalar joint, surgical; with acetabuloplasty (ie, treatment of pincer lesion)
29916	Arthroscopy, hip, surgical; with labral repair
30117	Excision/Destruction, Intranasal Lesion; Int Approach
30120	Excision/Surgical Planing, Skin, Nose, Rhinophyma
30400	Rhinoplasty, Primary; Lateral & Alar Cartilages &/Or Elevation, Nasal Tip
30410	Rhinoplasty, Primary; Complete, Ext Parts W/Bony Pyramid, Lat & Alar Cartilages &/Or Elev Nasal Tip
30420	Rhinoplasty, Primary; W/Major Septal Repair
30430	Rhinoplasty, Secondary; Minor Revision (Small Amount, Nasal Tip Work)
30435	Rhinoplasty, Secondary; Intermediate Revision (Bony Work W/Osteotomies)
30450	Rhinoplasty, Secondary; Major Revision (Nasal Tip Work & Osteotomies)
30468	Repair of nasal valve collapse with subcutaneous/submucosal lateral wall implant(s)

30469	Repair of nasal valve collapse with low energy, temperature-controlled (ie, radiofrequency) subcutaneous/submucosal remodeling
31242	Nasal/sinus endoscopy, surgical; with destruction by radiofrequency ablation, posterior nasal nerve
31243	Nasal/sinus endoscopy, surgical; with destruction by cryoablation, posterior nasal nerve
31525	LARYNGOSCOPY W/WO TRACHEOSCOPY DX EXCEPT NEWBORN
31574	Laryngoscopy, flexible; with injection(s) for augmentation (eg, percutaneous, transoral), unilateral
31643	Bronchoscopy, rigid or flexible, including fluoroscopic guidance, when performed; with placement of catheter(s) for intracavitary radioelement application
31660	Bronchoscopy, rigid or flexible, including fluoroscopic guidance, when performed; with bronchial thermoplasty, 1 lobe
31661	Bronchoscopy, rigid or flexible, including fluoroscopic guidance, when performed; with bronchial thermoplasty, 2 or more lobes
32701	Thoracic target(s) delineation for stereotactic body radiation therapy (SRS/SBRT), (photon or particle beam), entire course of treatment
32850	Donor pneumonectomy(s) (including cold preservation), from cadaver donor
32851	Lung Transplant, Single; W/O Cardiopulmonary Bypass
32852	Lung Transplant, Single; W/Cardiopulmonary Bypass
32853	Lung Transplant, Double (Bilat Sequential/En Bloc); W/O Cardiopulmonary Bypass
32854	Lung Transplant, Double (Bilat Sequential/En Bloc); W/Cardiopulmonary Bypass
32855	Backbench Standard Preparation Of Cadaver Donor Lung Allograft; Unilateral
32856	Backbench Standard Preparation Of Cadaver Donor Lung Allograft; Bilateral
32994	Ablation therapy for reduction or eradication of 1 or more pulmonary tumor(s) including pleura or chest wall when involved by tumor extension, percutaneous, including imaging guidance when performed, unilateral; cryoablation
32998	Ablation therapy for reduction or eradication of 1 or more pulmonary tumor(s) including pleura or chest wall when involved by tumor extension, percutaneous, including imaging guidance when performed, unilateral; radiofrequency
33140	Transmyocardial Laser Revascularization, By Thoracotomy
33202	Insertion of epicardial electrodes(s); open incision (eg, thoracotomy, median sternotomy, subxiphoid approach)
33203	endoscopic approach (eg, thoracoscopy, pericardioscopy)
33206	Insertion of new or replacement of permanent pacemaker with transvenous electrode(s); atrial
33207	Insertion of new or replacement of permanent pacemaker with transvenous electrode(s); ventricular
33208	Insertion of new or replacement of permanent pacemaker with transvenous electrode(s); atrial and ventricular
33212	Insertion of pacemaker pulse generator only; with existing single lead
33213	Insertion of pacemaker pulse generator only; with existing dual leads
33214	Repositioning, Previously Implanted Transvenous Electrode/Pacing Cardiovert-Defib Electrode
33215	Repositioning of Previously Implanted Transvenous Pacemaker or Pacing Cardioverter-Defibrillator Electrode
33216	Insertion of a single transvenous electrode, permanent pacemaker or cardioverter-defibrillator
33217	Insertion of 2 transvenous electrodes, permanent pacemaker or cardioverter-defibrillator

33218	Repair of single transvenous electrode, permanent pacemaker or pacing cardioverter-defibrillator
33220	Repair of 2 transvenous electrodes for permanent pacemaker or pacing cardioverter-defibrillator
33222	Relocation of skin pocket for pacemaker
33224	Insertion of pacing electrode, cardiac venous system, for left ventricular pacing, with attachment to previously placed pacemaker or implantable defibrillator pulse generator (including revision of pocket, removal, insertion, and/or replacement of existing generator)
33225	Insertion of pacing electrode, cardiac venous system, for left ventricular pacing, at time of insertion of implantable defibrillator or pacemaker pulse generator (eg, for upgrade to dual chamber system) (List separately in addition to code for primary procedure)
33226	Repositioning of previously implanted cardiac venous system (left ventricular) electrode (including removal, insertion and/or replacement of existing generator)
33227	Removal Of Permanent Pacemaker Pulse Generator With Replacement Of Pacemaker Pulse Generator; Single Lead System
33228	Removal Of Permanent Pacemaker Pulse Generator With Replacement Of Pacemaker Pulse Generator; Dual Lead System
33229	Removal Of Permanent Pacemaker Pulse Generator With Replacement Of Pacemaker Pulse Generator; Multiple Lead System
33230	Insertion Of Pacing Cardioverter-Defibrillator Pulse Generator Only; With Existing Dual Leads
33231	Insertion Of Pacing Cardioverter-Defibrillator Pulse Generator Only; With Existing Multiple Leads
33233	Removal of permanent pacemaker pulse generator only
33234	Removal, Transvenous Pacemaker Electrode(S); Single Lead System, Atrial/Ventricular
33235	Removal, Transvenous Pacemaker Electrode(S); Dual Lead System
33240	Insertion of pacing cardioverter-defibrillator pulse generator only; with existing single lead
33249	Insertion or replacement of permanent pacing cardioverter-defibrillator system with transvenous lead(s), single or dual chamber
33263	Removal Of Pacing Cardioverter-Defibrillator Pulse Generator With Replacement Of Pacing Cardioverter-Defibrillator Pulse Generator; Dual Lead System
33264	Removal Of Pacing Cardioverter-Defibrillator Pulse Generator With Replacement Of Pacing Cardioverter-Defibrillator Pulse Generator; Multiple Lead System
33267	Exclusion of left atrial appendage, open, any method (eg, excision, isolation via stapling, oversewing, ligation, plication, clip)
33269	Exclusion of left atrial appendage, thoracoscopic, any method (eg, excision, isolation via stapling, oversewing, ligation, plication, clip)
33270	Insertion or replacement of permanent subcutaneous implantable defibrillator system, with subcutaneous electrode, including defibrillation threshold evaluation, induction of arrhythmia, evaluation of sensing for arrhythmia termination, and programming or reprogramming of sensing or therapeutic parameters, when performed
33271	Insertion of subcutaneous implantable defibrillator electrode
33274	Transcatheter insertion or replacement of permanent leadless pacemaker, right ventricular, including imaging guidance (eg, fluoroscopy, venous ultrasound, ventriculography, femoral venography) and device evaluation (eg, interrogation or programming), when performed

33275	Transcatheter removal of permanent leadless pacemaker, right ventricular, including imaging guidance (eg, fluoroscopy, venous ultrasound, ventriculography, femoral venography), when performed
33276	Insertion of phrenic nerve stimulator system (pulse generator and stimulating lead[s]), including vessel catheterization, all imaging guidance, and pulse generator initial analysis with diagnostic mode activation, when performed
33277	Insertion of phrenic nerve stimulator transvenous sensing lead (List separately in addition to code for primary procedure)
33278	Removal of phrenic nerve stimulator, including vessel catheterization, all imaging guidance, and interrogation and programming, when performed; system, including pulse generator and lead(s)
33279	Removal of phrenic nerve stimulator, including vessel catheterization, all imaging guidance, and interrogation and programming, when performed; transvenous stimulation or sensing lead(s) only
33280	Removal of phrenic nerve stimulator, including vessel catheterization, all imaging guidance, and interrogation and programming, when performed; pulse generator only
33281	Repositioning of phrenic nerve stimulator transvenous lead(s)
33285	Insertion, subcutaneous cardiac rhythm monitor, including programming
33287	Removal and replacement of phrenic nerve stimulator, including vessel catheterization, all imaging guidance, and interrogation and programming, when performed; pulse generator
33288	Removal and replacement of phrenic nerve stimulator, including vessel catheterization, all imaging guidance, and interrogation and programming, when performed; transvenous stimulation or sensing lead(s)
33289	Transcatheter implantation of wireless pulmonary artery pressure sensor for long-term hemodynamic monitoring, including deployment and calibration of the sensor, right heart catheterization, selective pulmonary catheterization, radiological supervision and interpretation, and pulmonary artery angiography, when performed
33340	Percutaneous transcatheter closure of the left atrial appendage with endocardial implant, including fluoroscopy, transseptal puncture, catheter placement(s), left atrial angiography, left atrial appendage angiography, when performed, and radiological supervision and interpretation
33361	Transcatheter aortic valve replacement (TAVR/TAVI) with prosthetic valve; percutaneous femoral artery approach
33362	Transcatheter aortic valve replacement (TAVR/TAVI) with prosthetic valve; open femoral artery approach
33363	Transcatheter aortic valve replacement (TAVR/TAVI) with prosthetic valve; open axillary artery approach
33364	Transcatheter aortic valve replacement (TAVR/TAVI) with prosthetic valve; open iliac artery approach
33365	Transcatheter aortic valve replacement (TAVR/TAVI) with prosthetic valve; transaortic approach (eg, median sternotomy, mediastinotomy)
33366	Transcatheter aortic valve replacement (tavr/tavi) with prosthetic valve; transapical exposure (eg, left thoracotomy)
33418	Transcatheter mitral valve repair, percutaneous approach, including transseptal puncture when performed; initial prosthesis
33477	Transcatheter pulmonary valve implantation, percutaneous approach, including pre-stenting of the valve delivery site, when performed

33548	Surgical ventricular restoration procedure, includes prosthetic patch, when performed (eg, ventricular remodeling, SVR, SAVER, Dor procedures)
33927	Implantation of a total replacement heart system (artificial heart) with recipient cardiectomy
33928	Removal and replacement of total replacement heart system (artificial heart)
33930	Donor Cardiectomy-Pneumonectomy, W/Preparation & Maintenance, Allograft
33933	Backbench Standard Preparation Of Cadaver Donor Heart/Lung Allograft
33935	Heart-Lung Transplant W/Recipient Cardiectomy-Pneumonectomy
33940	Donor Cardiectomy, W/Preparation & Maintenance, Allograft
33944	Backbench Standard Preparation Of Cadaver Donor Heart Allograft
33945	Heart Transplant, W/Wo Recipient Cardiectomy
33975	Insertion, Ventricular Assist Device; Extracorporeal, Single Ventricle
33976	Insertion, Ventricular Assist Device; Extracorporeal, Biventricular
33979	Insertion, Ventricular Assist Device, Implantable Intracorporeal, Single Ventricle
33981	Replacement of extracorporeal ventricular assist device, single or biventricular, pump(s), single or each pump
33982	Replacement of ventricular assist device pump(s); implantable intracorporeal, single ventricle, without cardiopulmonary bypass
33983	Replacement of ventricular assist device pump(s); implantable intracorporeal, single ventricle, with cardiopulmonary bypass
33990	Insertion of ventricular assist device, percutaneous, including radiological supervision and interpretation; left heart, arterial access only
33991	Insertion of ventricular assist device, percutaneous, including radiological supervision and interpretation; left heart, both arterial and venous access, with transseptal puncture
33993	Repositioning of percutaneous right or left heart ventricular assist device with imaging guidance at separate and distinct session from insertion
33995	Insertion of ventricular assist device, percutaneous, including radiological supervision and interpretation; right heart, venous access only
36465	Injection of non-compounded foam sclerosant with ultrasound compression maneuvers to guide dispersion of the injectate, inclusive of all imaging guidance and monitoring; single incompetent extremity truncal vein (eg, great saphenous vein, accessory saphenous vein)
36466	Injection of non-compounded foam sclerosant with ultrasound compression maneuvers to guide dispersion of the injectate, inclusive of all imaging guidance and monitoring; multiple incompetent truncal veins (eg, great saphenous vein, accessory saphenous vein), same leg
36468	Injection(s) of sclerosant for spider veins (telangiectasia), limb or trunk
36470	Injection of sclerosant; single incompetent vein (other than telangiectasia)
36471	Injection of sclerosant; multiple incompetent veins (other than telangiectasia), same leg
36473	Endovenous ablation therapy of incompetent vein, extremity, inclusive of all imaging guidance and monitoring, percutaneous, mechanochemical; first vein treated
36475	Endovenous Ablation Therapy Of Incompetent Vein, Extremity, Percutaneous, Radiofrequency; First Vein Treated
36478	Endovenous Ablation Therapy Of Incompetent Vein, Extremity, Percutaneous, Laser; First Vein Treated
36482	Endovenous ablation therapy of incompetent vein, extremity, by transcatheter delivery of a chemical adhesive (eg, cyanoacrylate) remote from the access site, inclusive of all imaging guidance and monitoring, percutaneous; first vein treated
36511	Therapeutic Apheresis; White Blood Cells

36512	Therapeutic Apheresis; Red Blood Cells
36513	Therapeutic Apheresis; Platelets
36514	Therapeutic Apheresis; Plasma Pheresis
36516	Therapeutic apheresis; with extracorporeal immunoadsorption, selective adsorption or selective filtration and plasma reinfusion
37220	Revascularization, endovascular, open or percutaneous, iliac artery, unilateral, initial vessel; with transluminal angioplasty
37221	Revascularization, endovascular, open or percutaneous, iliac artery, unilateral, initial vessel; with transluminal stent placement(s), includes angioplasty within the same vessel, when performed
37222	Revascularization, endovascular, open or percutaneous, iliac artery, each additional ipsilateral iliac vessel; with transluminal angioplasty (List separately in addition to code for primary procedure)
37223	Revascularization, endovascular, open or percutaneous, iliac artery, each additional ipsilateral iliac vessel; with transluminal stent placement(s), includes angioplasty within the same vessel, when performed (List separately in addition to code for primary procedure)
37224	Revascularization, endovascular, open or percutaneous, femoral, popliteal artery(s), unilateral; with transluminal angioplasty
37225	Revascularization, endovascular, open or percutaneous, femoral, popliteal artery(s), unilateral; with atherectomy, includes angioplasty within the same vessel, when performed
37226	Revascularization, endovascular, open or percutaneous, femoral, popliteal artery(s), unilateral; with transluminal stent placement(s), includes angioplasty within the same vessel, when performed
37227	Revascularization, endovascular, open or percutaneous, femoral, popliteal artery(s), unilateral; with transluminal stent placement(s) and atherectomy, includes angioplasty within the same vessel, when performed
37228	Revascularization, endovascular, open or percutaneous, tibial, peroneal artery, unilateral, initial vessel; with transluminal angioplasty
37229	Revascularization, endovascular, open or percutaneous, tibial, peroneal artery, unilateral, initial vessel; with atherectomy, includes angioplasty within the same vessel, when performed
37230	Revascularization, endovascular, open or percutaneous, tibial, peroneal artery, unilateral, initial vessel; with transluminal stent placement(s), includes angioplasty within the same vessel, when performed
37231	Revascularization, endovascular, open or percutaneous, tibial, peroneal artery, unilateral, initial vessel; with transluminal stent placement(s) and atherectomy, includes angioplasty within the same vessel, when performed
37232	Revascularization, endovascular, open or percutaneous, tibial/peroneal artery, unilateral, each additional vessel; with transluminal angioplasty (List separately in addition to code for primary procedure)
37233	Revascularization, endovascular, open or percutaneous, tibial/peroneal artery, unilateral, each additional vessel; with atherectomy, includes angioplasty within the same vessel, when performed (List separately in addition to code for primary procedure)
37234	Revascularization, endovascular, open or percutaneous, tibial/peroneal artery, unilateral, each additional vessel; with transluminal stent placement(s), includes angioplasty within the same vessel, when performed (List separately in addition to code for primary procedure)
37235	Revascularization, endovascular, open or percutaneous, tibial/peroneal artery, unilateral, each additional vessel; with transluminal stent placement(s) and atherectomy, includes

	angioplasty within the same vessel, when performed (List separately in addition to code for primary procedure)
37241	Vascular embolization or occlusion, inclusive of all radiological supervision and interpretation, intraprocedural roadmapping, and imaging guidance necessary to complete the intervention; venous, other than hemorrhage (eg, congenital or acquired venous malformations, venous and capillary hemangiomas, varices, varicoceles)
37242	Vascular embolization or occlusion, inclusive of all radiological supervision and interpretation, intraprocedural roadmapping, and imaging guidance necessary to complete the intervention; arterial, other than hemorrhage or tumor (eg, congenital or acquired arterial malformations, arteriovenous malformations, arteriovenous fistulas, aneurysms, pseudoaneurysms)
37243	Vascular embolization or occlusion, inclusive of all radiological supervision and interpretation, intraprocedural roadmapping, and imaging guidance necessary to complete the intervention; for tumors, organ ischemia, or infarction
38204	Management, Recipient Hematopoietic Progenitor Cell Donor Search & Cell Acquisition
38205	Blood-Derived Hematopoietic Progenitor Cell Harvesting, Transplantation/Collection; Allogenic
38206	Blood-Derived Hematopoietic Progenitor Cell Harvesting, Transplantation/Collection; Autologous
38207	Transplant Preparation, Hematopoietic Progenitor Cells; Cryopreservation & Storage
38208	Transplant preparation of hematopoietic progenitor cells; thawing of previously frozen harvest, without washing, per donor
38209	Transplant preparation of hematopoietic progenitor cells; thawing of previously frozen harvest, with washing, per donor
38210	Transplant Prep, Hematopoietic Progenitor Cells; Specfc Cell Deplet W/In Harvest, T-Cell Deplete
38211	Transplant Preparation, Hematopoietic Progenitor Cells; Tumor Cell Deplete
38212	Transplant Preparation, Hematopoietic Progenitor Cells; Red Blood Cell Removal
38213	Transplant Preparation, Hematopoietic Progenitor Cells; Platelet Depletion
38214	Transplant Preparation, Hematopoietic Progenitor Cells; Plasma (Volume) Depletion
38215	Transplant Prep, Hematoiepotic Progenitor Cells; Cell Conc, Plasma/Mononuclear/Buffy Coat
38230	Bone marrow harvesting for transplantation; allogeneic
38232	Bone Marrow Harvesting For Transplantation; Autologous
38240	Hematopoietic progenitor cell (HPC); allogeneic transplantation per donor
38241	Hematopoietic progenitor cell (HPC); autologous transplantation
38242	Allogeneic lymphocyte infusions
38243	Hematopoietic progenitor cell (HPC); HPC boost
41019	Placement of needles, catheters, or other device(s) into the head and/or neck region (percutaneous, transoral, or transn
41512	Tongue base suspension, permanent suture technique
41530	Submucosal ablation of the tongue base, radiofrequency, 1 or more sites, per session
42145	Palatopharyngoplasty
43192	Esophagoscopy, rigid, transoral; with directed submucosal injection(s), any substance
43201	Esophagoscopy, flexible, transoral; with directed submucosal injection(s), any substance
43210	Esophagogastroduodenoscopy, flexible, transoral; with esophagogastric fundoplasty, partial or complete, includes duodenoscopy when performed

43229	Esophagoscopy, flexible, transoral; with ablation of tumor(s), polyp(s), or other lesion(s) (includes pre- and post-dilation and guide wire passage, when performed)
43233	Esophagogastroduodenoscopy, flexible, transoral; with dilation of esophagus with balloon (30 mm diameter or larger) (includes fluoroscopic guidance, when performed)
43235	Esophagogastroduodenoscopy, flexible, transoral; diagnostic, including collection of specimen(s) by brushing or washing, when performed (separate procedure)
43236	Esophagogastroduodenoscopy, flexible, transoral; with directed submucosal injection(s), any substance
43239	Esophagogastroduodenoscopy, flexible, transoral; with biopsy, single or multiple
43241	Esophagogastroduodenoscopy, flexible, transoral; with insertion of intraluminal tube or catheter
43243	Esophagogastroduodenoscopy, flexible, transoral; with injection sclerosis of esophageal/gastric varices
43244	Esophagogastroduodenoscopy, flexible, transoral; with band ligation of esophageal/gastric varices
43245	Esophagogastroduodenoscopy, flexible, transoral; with dilation of gastric/duodenal stricture(s) (eg, balloon, bougie)
43246	Esophagogastroduodenoscopy, flexible, transoral; with directed placement of percutaneous gastrostomy tube
43247	Esophagogastroduodenoscopy, flexible, transoral; with removal of foreign body
43248	Esophagogastroduodenoscopy, flexible, transoral; with insertion of guide wire followed by passage of dilator(s) through esophagus over guide wire
43249	Esophagogastroduodenoscopy, flexible, transoral; with transendoscopic balloon dilation of esophagus (less than 30 mm diameter)
43250	Esophagogastroduodenoscopy, flexible, transoral; with removal of tumor(s), polyp(s), or other lesion(s) by hot biopsy forceps or bipolar cautery
43251	Esophagogastroduodenoscopy, flexible, transoral; with removal of tumor(s), polyp(s), or other lesion(s) by snare technique
43254	Esophagogastroduodenoscopy, flexible, transoral; with endoscopic mucosal resection
43255	Esophagogastroduodenoscopy, flexible, transoral; with control of bleeding, any method
43257	Esophagogastroduodenoscopy, flexible, transoral; with delivery of thermal energy to the muscle of lower esophageal sphincter and/or gastric cardia, for treatment of gastroesophageal reflux disease
43266	Esophagogastroduodenoscopy, flexible, transoral; with placement of endoscopic stent (includes pre- and post-dilation and guide wire passage, when performed)
43270	Esophagogastroduodenoscopy, flexible, transoral; with ablation of tumor(s), polyp(s), or other lesion(s) (includes pre- and post-dilation and guide wire passage, when performed)
43280	Laparoscopy, Surgical, Esophagogastric Fundoplasty
43281	Laparoscopy, surgical, repair of paraesophageal hernia, includes fundoplasty, when performed; without implantation of mesh
43282	Laparoscopy, surgical, repair of paraesophageal hernia, includes fundoplasty, when performed; with implantation of mesh
43284	Laparoscopy, surgical, esophageal sphincter augmentation procedure, placement of sphincter augmentation device (i.e., magnetic band), including cruroplasty when performed.
43285	Removal of esophageal sphincter augmentation device

43290	Esophagogastroduodenoscopy, flexible, transoral; with deployment of intragastric bariatric balloon
43291	Esophagogastroduodenoscopy, flexible, transoral; with removal of intragastric bariatric balloon(s)
43497	Lower esophageal myotomy, transoral (ie, peroral endoscopic myotomy [POEM])
43631	Gastrectomy, Partial, Distal; W/Gastroduodenostomy
43632	Gastrectomy, Partial, Distal; W/Gastrojejunostomy
43633	Gastrectomy, Partial, Distal; W/Roux-En-Y Reconstruction
43644	Laparoscopy, Surg, Gastric Restrictive Procedure; W Gastric Bypass And Roux-En-Y Gastroenterostomy (Roux Limb <= 150 Cm)
43645	Laparoscopy, surgical, gastric restrictive procedure; with gastric bypass and small intestine reconstruction to limit absorption
43770	Laparoscopy, surgical, gastric restrictive procedure; placement of adjustable gastric restrictive device (eg, gastric band and subcutaneous port components)
43771	Laparoscopy, surgical, gastric restrictive procedure; revision of adjustable gastric restrictive device component only
43772	Laparoscopy, surgical, gastric restrictive procedure; removal of adjustable gastric restrictive device component only
43773	Laparoscopy, surgical, gastric restrictive procedure; removal and replacement of adjustable gastric restrictive device component only
43774	Laparoscopy, surgical, gastric restrictive procedure; removal of adjustable gastric restrictive device and subcutaneous port components
43775	Laparoscopy, surgical, gastric restrictive procedure; longitudinal gastrectomy (ie, sleeve gastrectomy)
43842	Gastric Restrictive Proc, W/O Gastric Bypass, Morbid Obesity; Vertical-Banded Gastroplasty
43843	Gastric Restrictive Proc, W/O Gastric Bypass, Morbid Obesity; Non-Vertical-Banded Gastroplasty
43845	Gastric Stapling Morbid Obesity
43846	Gastric Restrictive Procedure, W/Gastric Bypass, Morbid Obesity; W/Short Limb Roux-En-Y Gastroenterostomy
43847	Gastric Restrictive Proc, W/Gastric Bypass, Morbid Obesity; W/Small Bowel Reconstruction
43848	Revision, open, of gastric restrictive procedure for morbid obesity, other than adjustable gastric restrictive device (separate procedure)
43886	Gastric restrictive procedure, open; revision of subcutaneous port component only
43887	Gastric restrictive procedure, open; removal of subcutaneous port component only
43888	Gastric restrictive procedure, open; removal and replacement of subcutaneous port component only
43999	Unlisted Proc, Stomach
44132	Donor Enterectomy, Open, W/Prep & Maintenance, Allograft; Cadaver Donor
44133	Donor Enterectomy, Open With Prep & Maintenance, Allograft; Partial, Living Donor
44135	Intestinal Allotransplantation; From Cadaver Donor
44136	Intestinal Allotransplantation; From Living Donor
44715	Backbench Standard Preparation Of Cadaver Or Living Donor Intestine Allograft
44720	Backbench Reconstruction Of Cadaver Or Living Donor Intestine Allograft; Venous Anastomosis, Each

44721	Backbench Reconstruction Of Cadaver Or Living Donor Intestine Allograft; Arterial Anastomosis, Each
45560	Repair, Rectocele (Sep Proc)
46505	Chemodenervation of internal anal sphincter
46601	Anoscopy; diagnostic, with high-resolution magnification (HRA) (eg, colposcope, operating microscope) and chemical agent enhancement, including collection of specimen(s) by brushing or washing, when performed
46607	Anoscopy; with high-resolution magnification (HRA) (eg, colposcope, operating microscope) and chemical agent enhancement, with biopsy, single or multiple
46707	Repair of anorectal fistula with plug (eg, porcine small intestine submucosa [SIS])
46948	Hemorrhoidectomy, internal, by transanal hemorrhoidal dearterialization, 2 or more hemorrhoid columns/groups, including ultrasound guidance, with mucopexy, when performed
47133	Donor Hepatectomy, W/Preparation & Maintenance, Allograft; Cadaver Donor
47135	Liver Allotransplantation; Orthotopic, Partial/Whole, Cadaver/Living Donor, Any Age
47140	Donor Hepatectomy, with Preparation and Maintenance of Allograft, Living Donor; Left Lateral Segment Only
47141	Donor Hepatectomy, with Preparation and Maintenance of Allograft, Living Donor; Total Left Lobectomy
47142	Donor Hepatectomy, with Preparation and Maintenance of Allograft, Living Donor; Total Right Lobectomy
47143	Backbench Standard Preparation Of Cadaver Donor Whole Liver Graft; Without Trisegment Or Lobe Split
47144	Backbench standard preparation of cadaver donor whole liver graft prior to allotransplantation, including cholecystectomy, if necessary, and dissection and removal of surrounding soft tissues to prepare the vena cava, portal vein, hepatic artery, and common bile duct for implantation; with trisegment split of whole liver graft into 2 partial liver grafts (ie, left lateral segment [segments II and III] and right trisegment [segments I and IV through VIII])
47145	Backbench standard preparation of cadaver donor whole liver graft prior to allotransplantation, including cholecystectomy, if necessary, and dissection and removal of surrounding soft tissues to prepare the vena cava, portal vein, hepatic artery, and common bile duct for implantation; with lobe split of whole liver graft into 2 partial liver grafts (ie, left lobe [segments II, III, and IV] and right lobe [segments I and V through VIII])
47146	Backbench Reconstruction Of Cadaver Or Living Donor Liver Graft Prior To Allotransplantation; Venous Anastomosis, Each
47147	Backbench Reconstruction Of Cadaver Or Living Donor Liver Graft Prior To Allotransplantation; Arterial Anastomosis, Each
48160	Pancreatectomy, Total/Subtotal W/Autologous Transplantation Pancreas/Pancreatic Islets
48550	Donor Pancreatectomy, W/Prep & Maintenance, Cadaver Donor, W/Wo Duodenal Segment
48551	Backbench Standard Preparation Of Cadaver Donor Pancreas Allograft
48552	Backbench Reconstruction Of Cadaver Donor Pancreas Allograft Prior To Transplantation, Venous Anastomosis, Each
48554	Transplantation, Pancreatic Allograft
48556	Removal, Transplanted Pancreatic Allograft
49906	Free Omental Flap W/Microvascular Anastomosis
50250	Ablation, open, 1 or more renal mass lesion(s), cryosurgical, including intraoperative ultrasound guidance and monitoring, if performed

50300	Donor Nephrectomy; Cadaver Donor, Unilat/Bilat W/Prep & Maintenance, Allograft
50320	Donor Nephrectomy, Open, Living Donor W/O Allograft Preparation & Maintenance
50323	Backbench Standard Preparation Of Cadaver Donor Renal Allograft
50325	Backbench Standard Preparation Of Living Donor Renal Allograft (Open Or Laparoscopic)
50327	Backbench Reconstruction Of Cadaver Or Living Donor Renal Allograft Prior To Transplantation; Venous Anastomosis, Each
50328	Backbench Reconstruction Of Cadaver Or Living Donor Renal Allograft Prior To Transplantation; Arterial Anastomosis, Each
50329	Backbench Reconstruction Of Cadaver Or Living Donor Renal Allograft Prior To Transplantation; Ureteral Anastomosis, Each
50340	Recipient Nephrectomy (Sep Proc)
50360	Renal Allotransplantation, Implantation, Graft; W/O Donor & Recipient Nephrectomy
50365	Renal Allotransplantation, Implantation, Graft; W/Recipient Nephrectomy
50370	Removal, Transplanted Renal Allograft
50542	Laparoscopy, surgical; ablation of renal mass lesion(s), including intraoperative ultrasound guidance and monitoring, when performed
50547	Laparoscopy, Surgical; Donor Nephrectomy, Living Donor W/O Allograft Prep & Maintenance
50592	Ablation, 1 or more renal tumor(s), percutaneous, unilateral, radiofrequency
50593	Ablation, renal tumor(s), unilateral, presutaneous cryotherapy
51715	Endoscopic Injection, Implant Matl Into Submucosal Tissues, Urethra &/Or Bladder Neck
53445	Insertion, Inflatable Urethra/Bladder Neck Sphincter, W/Placement Pump &/Or Reservoir & Cuff
53446	Removal, Inflatable Urethral/Bladder Neck Sphincter W/Pump/Reservoir/Cuff
53447	Removal & Replacement, Inflatable Sphincter W/Pump, Reservoir, Cuff, Same Session
53448	Remov & Replace Inflatable Sphincter W/Pump/Reservoir/Cuff, Infected, W/Irrig & Debride
53449	Repair, Inflatable Urethral/Bladder Neck Sphincter Device, Incl Pump/Reservoir/Cuff
53451	Periurethral transperineal adjustable balloon continence device; bilateral insertion, including cystourethroscopy and imaging guidance
53452	Periurethral transperineal adjustable balloon continence device; unilateral insertion, including cystourethroscopy and imaging guidance
53453	Periurethral transperineal adjustable balloon continence device; removal, each balloon
53454	Periurethral transperineal adjustable balloon continence device; percutaneous adjustment of balloon(s) fluid volume
53850	Transurethral Destruction, Prostate Tissue; Microwave Thermotherapy
53852	Transurethral Destruction, Prostate Tissue; Radiofrequency Thermotherapy
53860	Transurethral radiofrequency micro-remodeling of the female bladder neck and proximal urethra for stress urinary incontinence
54125	Amputation, Penis; Complete
54360	Plastic Operation, Penis To Correct Angulation
54400	Insertion, Penile Prosthesis; Non-Inflatable (Semi-Rigid)
54401	Insertion, Penile Prosthesis; Inflatable (Self-Contained)
54405	Insertion, (Multi-Component) Inflatable Penile Prosthesis
54440	Plastic Operation, Penis, Injury
54520	Orchiectomy, Simple, W/Wo Prosthesis, Scrotal/Inguinal Approach

54660	Insertion, Testicular Prosthesis (Sep Proc)
54690	Laparoscopy, Surgical; Orchiectomy
55180	Scrotoplasty; Complicated
55706	Biopsies, prostate, needle, transperineal, stereotactic template guided saturation sampling, including imaging guidance
55860	Exposure, Prostate, Any Approach, Radiation Insertion
55862	Exposure, Prostate, Any Approach, Radiation Insertion; W/Lymph Node Bx (Limited Pelvic Lymphadenect)
55865	Exposure, Prostate, Any Approach, Radiation Insertion; W/Bilat Pelvic Lymphadenectomy
55873	Cryosurgical ablation of the prostate (includes ultrasonic guidance and monitoring)
55874	Transperineal placement of biodegradable material, peri-prostatic, single or multiple injection(s), including image guidance, when performed
55875	Transperineal placement of needles or catheters into prostate for interstitial radioelement application, with or without cystoscopy
55920	Placement of needles or catheters into pelvic organs and/or genitalia (except prostate) for subsequent interstitial radioelement application
56625	Vulvectomy Simple; Complete
56800	Plastic Repair, Introitus
56805	Clitoroplasty, Intersex State
56810	Perineoplasty, Repair, Perineum, Nonobstetrical (Sep Proc)
57110	Vaginectomy, Complete Removal, Vaginal Wall
57155	Insertion of uterine tandem and/or vaginal ovoids for clinical brachytherapy
57156	Insertion of a vaginal radiation afterloading apparatus for clinical brachytherapy
57240	Anterior colporrhaphy, repair of cystocele with or without repair of urethrocele, including cystourethroscopy, when performed
57250	Posterior Colporrhaphy, Repair, Rectocele W/Wo Perineorrhaphy
57260	Combined anteroposterior colporrhaphy, including cystourethroscopy, when performed
57265	Combined anteroposterior colporrhaphy, including cystourethroscopy, when performed; with enterocele repair
57268	Repair, Enterocoele, Vaginal Approach (Sep Proc)
57270	Repair, Enterocoele, Abdominal Approach (Sep Proc)
57280	Colpopexy, Abdominal Approach
57282	Sacrospinous Ligament Fixation, Prolapse, Vagina
57283	Colpopexy, Vaginal; Intra-Peritoneal Approach (Uterosacral, Levator Myorrhaphy)
57284	Paravaginal defect repair (including repair of cystocele, if performed); open abdominal approach
57285	Paravaginal defect repair (including repair of cystocele, if performed) ;vaginal approach
57291	Construction, Artificial Vagina; W/O Graft
57292	Construction, Artificial Vagina; W/Graft
57295	Revision (including removal) of prosthetic vaginal graft, vaginal approach
57296	Revision (including removal) of prosthetic vaginal graft; open abdominal approach
57335	Vaginoplasty, Intersex State
57423	Paravaginal defect repair (including repair of cystocele, if performed), laparoscopic approach
57425	Laparoscopy, Surgical, Colpopexy (Suspension of Vaginal Apex)

58150	Total Abdominal Hysterectomy W/Wo Removal Tube(S)/Ovary(S)
58293	Vaginal hysterectomy, for uterus greater than 250 g; with colpo-urethrocystopexy (Marshall-Marchetti-Krantz type, Pereyra type) with or without endoscopic control
58346	Insertion, Heyman Capsules, Clinical Brachytherapy
58552	Laparoscopy, Surg, W/Vaginal Hysterectomy, Uterus 250gms/≤; W/Removal, Tube(S) &/Or Ovary(S)
58554	Laparoscopy, Surg, W/Vaginal Hysterectomy, Uterus >250gms; W/Remove Tube(S) &/Or Ovary(S)
58570	Laparoscopy, surgical, with total hysterectomy, for uterus 250 g or less
58571	Laparoscopy, surgical, with total hysterectomy, for uterus 250g or less;with removal of tube(s) and/or ovary (s)
58572	Laparoscopy; surgical, with total hysterectomy, for uterus greater than 250 g
58573	Laparoscopy; surgical, with total hysterectomy, for uterus greater than 250 g, with removal of tube(s) and/or ovary (s)
58580	Transcervical ablation of uterine fibroid(s), including intraoperative ultrasound guidance and monitoring, radiofrequency
58674	Laparoscopy, surgical, ablation of uterine fibroid(s) including intraoperative ultrasound guidance and monitoring, radiofrequency.
59076	Fetal Shunt Placement, Including Ultrasound Guidance
61736	Laser interstitial thermal therapy (LITT) of lesion, intracranial, including burr hole(s), with magnetic resonance imaging guidance, when performed; single trajectory for 1 simple lesion
61737	Laser interstitial thermal therapy (LITT) of lesion, intracranial, including burr hole(s), with magnetic resonance imaging guidance, when performed; multiple trajectories for multiple or complex lesion(s)
61790	Creation, Lesion, Stereotactic, Percutaneous, Neurolytic Agent; Gasserian Ganglion
61791	Creation, Lesion, Stereotactic, Percutaneous, Neurolytic Agent; Trigeminal Medullary Tract
61796	Stereotactic radiosurgery (particle beam, gamma ray, or linear accelerator); 1 simple cranial lesion
61798	Stereotactic radiosurgery (particle beam, gamma ray, or linear accelerator); 1 complex cranial lesion
61850	Twist Drill/Burr Hole(S), Implantation, Neurostimulator Electrodes, Cortical
61860	Craniectomy/Craniotomy, Implantation, Neurostimulator Electrodes, Cerebral, Cortical
61863	Burr Hole Craniotomy with Implantation of Subcortical Electrode Array, wo Intraop Microelectrode Recording; First Array
61867	Burr Hole Craniotomy with Implantation of Subcortical Electrode Array, w Intraop Microelectrode Recording; First Array
61885	Subq Placement Cranial Neurostimulator Pulse Generator/Receiver; W/Connection Sngle Electrode Array
61886	Subq Placement Cranial Neurostimulator Pulse Generator/Receiver; W/Connection 2+ Electrode Arrays
61889	Insertion of skull-mounted cranial neurostimulator pulse generator or receiver, including craniectomy or craniotomy, when performed, with direct or inductive coupling, with connection to depth and/or cortical strip electrode array(s)
61891	Revision or replacement of skull-mounted cranial neurostimulator pulse generator or receiver with connection to depth and/or cortical strip electrode array(s)

62263	Lysis, Perq, Epidural Adhesions, Solution Injection/Mechanical W/Radiologic Localization; 2 Days/>
62264	Lysis, Perq Epidural Adhesions, Solution Injection/Mechanical W/Radiologic Localization; 1 Day
62281	Injection/Infusion Neurolytic Substance, W/Wo Therapeutic Substance; Epidural Cervical/Thoracic
62282	Injection/Infusion Neurolytic Substance; Epidural, Lumbar/Caudal
62287	Decompression procedure, percutaneous, of nucleus pulposus of intervertebral disc, any method utilizing needle based technique to remove disc material under fluoroscopic imaging or other form of indirect visualization, with discography and/or epidural injection(s) at the treated level(s), when performed, single or multiple levels, lumbar
62290	Injection, Diskography, Each Level; Lumbar
62291	Injection, Diskography, Each Level; Cervical/Thoracic
62320	Injection(s), of diagnostic or therapeutic substance(s) (eg, anesthetic, antispasmodic, opioid, steroid, other solution), not including neurolytic substances, including needle or catheter placement, interlaminar epidural or subarachnoid, cervical or thoracic; without imaging guidance
62321	Injection(s), of diagnostic or therapeutic substance(s) (eg, anesthetic, antispasmodic, opioid, steroid, other solution), not including neurolytic substances, including needle or catheter placement, interlaminar epidural or subarachnoid, cervical or thoracic; with imaging guidance (ie, fluoroscopy or CT)
62322	Injection(s), of diagnostic or therapeutic substance(s) (eg, anesthetic, antispasmodic, opioid, steroid, other solution), not including neurolytic substances, including needle or catheter placement, interlaminar epidural or subarachnoid, lumbar or sacral (caudal); without imaging guidance
62323	Injection(s), of diagnostic or therapeutic substance(s) (eg, anesthetic, antispasmodic, opioid, steroid, other solution), not including neurolytic substances, including needle or catheter placement, interlaminar epidural or subarachnoid, lumbar or sacral (caudal); with imaging guidance (ie, fluoroscopy or CT)
62380	Endoscopic decompression of spinal cord, nerve root(s), including laminotomy, partial facetectomy, foraminotomy, discectomy and/or excision of herniated intervertebral disc, 1 interspace, lumbar
63001	Laminectomy with exploration and/or decompression of spinal cord and/or cauda equina, without facetectomy, foraminotomy or discectomy (eg, spinal stenosis), 1 or 2 vertebral segments; cervical
63003	Laminectomy, W/O Facetectomy/Foraminotomy/Discectomy, 1/2 Segments; Thoracic
63005	Laminectomy W/O Facetectomy/Foraminotomy/Discectomy, 1/2 Segments; Lumbar
63012	Laminectomy W/Removal, Abnormal Facets, Lumbar
63015	Laminectomy W/O Facetectomy/Foraminotomy/Discectomy, > 2 Segments; Cervical
63016	Laminectomy W/O Facetectomy/Foraminotomy/Discectomy, > 2 Segments; Thoracic
63017	Laminectomy W/O Facetectomy/Foraminotomy/Discectomy, > 2 Segments; Lumbar
63020	Laminotomy (hemilaminectomy), with decompression of nerve root(s), including partial facetectomy, foraminotomy and/or excision of herniated intervertebral disc; 1 interspace, cervical

63030	Laminotomy (hemilaminectomy), with decompression of nerve root(s), including partial facetectomy, foraminotomy and/or excision of herniated intervertebral disc; 1 interspace, lumbar
63035	Laminotomy (hemilaminectomy), with decompression of nerve root(s), including partial facetectomy, foraminotomy and/or excision of herniated intervertebral disc; each additional interspace, cervical or lumbar (List separately in addition to code for primary procedure)
63040	Laminotomy W/Partl Facetectomy/Foramnotmy/Herniated Discect, Re-Exploratn, Sngle Interspc; Cervical
63042	Laminotomy W/Partl Facetectomy/Foraminotomy/Herniated Discect, Re-Explor, Sngle Interspc; Lumbar
63043	Laminotomy (hemilaminectomy), with decompression of nerve root(s), including partial facetectomy, foraminotomy and/or excision of herniated intervertebral disc, reexploration, single interspace; each additional cervical interspace (List separately in addition to code for primary procedure)
63044	Laminotomy (hemilaminectomy), with decompression of nerve root(s), including partial facetectomy, foraminotomy and/or excision of herniated intervertebral disc, reexploration, single interspace; each additional lumbar interspace (List separately in addition to code for primary procedure)
63045	Laminectomy, facetectomy and foraminotomy (unilateral or bilateral with decompression of spinal cord, cauda equina and/or nerve root[s], [eg, spinal or lateral recess stenosis]), single vertebral segment; cervical
63046	Laminectomy, facetectomy and foraminotomy (unilateral or bilateral with decompression of spinal cord, cauda equina and/or nerve root[s], [eg, spinal or lateral recess stenosis]), single vertebral segment; thoracic
63047	Laminectomy, facetectomy and foraminotomy (unilateral or bilateral with decompression of spinal cord, cauda equina and/or nerve root[s], [eg, spinal or lateral recess stenosis]), single vertebral segment; lumbar
63048	Laminectomy, facetectomy and foraminotomy (unilateral or bilateral with decompression of spinal cord, cauda equina and/or nerve root[s], [eg, spinal or lateral recess stenosis]), single vertebral segment; each additional vertebral segment, cervical, thoracic, or lumbar (List separately in addition to code for primary procedure)
63050	Laminoplasty, Cervical, With Decompression Of The Spinal Cord, Two Or More Vertebral Segments;
63051	Laminoplasty, Cerv, W Decompression Of Spinal Cord, 2 Or > Verteb Segments; W Reconstruction Of Posterior Bony Elements
63052	Laminectomy, facetectomy, or foraminotomy (unilateral or bilateral with decompression of spinal cord, cauda equina and/or nerve root[s] [eg, spinal or lateral recess stenosis]
63053	Laminectomy, facetectomy, or foraminotomy (unilateral or bilateral with decompression of spinal cord, cauda equina and/or nerve root[s] [eg, spinal or lateral recess stenosis]
63055	Transpedicular Approach, 1 Segment; Thoracic
63056	Transpedicular Approach, 1 Segment; Lumbar (Transfacet/Lateral Extraforaminal)
63057	Transpedicular Approach, Add'l Segment; Thoracic/Lumbar
63075	Discectomy, Anterior; Cervical, 1 Interspace
63076	Discectomy, Anterior; Cervical, Add'l Interspace
63081	Vertebral Corpectomy, Anterior; Cervical, 1 Segment
63082	Vertebral Corpectomy, Anterior; Cervical, Add'l Segment

63085	Vertebral Corpectomy, Transthoracic; Thoracic, 1 Segment
63086	Vertebral Corpectomy, Transthoracic; Thoracic, Add'l Segment
63087	Vertebral Corpectomy, Thoracolumbar, Lower Thoracic/Lumbar; 1 Segment
63088	Vertebral Corpectomy, Thoracolumbar, Lower Thoracic/Lumbar; Add'l Segment
63090	Vertebral Corpectomy, Transperitoneal/Retroperitoneal, Lower Thoracic/Lumbar/Sacral; 1 Segment
63091	Vertebral Corpectomy, Trans/Retroperitoneal, Lower Thoracic/Lumbar/Sacral; Add'l Segment
63101	Vertebral Corpectomy, Lateral Extracavitary Approach w Decompression of Spinal Cord/Nerve Roots; Thoracic, Sgl Segment
63102	Vertebral Corpectomy, Lateral Extracavitary Approach w Decompression of Spinal Cord/Nerve Roots; Lumbar, Sgl Segment
63103	Vertebral Corpectomy, Lateral Extracavitary Approach w Decompression Spinal Cord/Nerve Rts; Thoracic/Lumbar, ea addl Seg
63180	Laminectomy and section of dentate ligaments, with or without dural graft, cervical; 1 or 2 segments
63182	Laminectomy and section of dentate ligaments, with or without dural graft, cervical; more than 2 segments
63185	Laminectomy with rhizotomy; 1 or 2 segments
63190	Laminectomy with rhizotomy; more than 2 segments
63191	Laminectomy W/Section, Spinal Accessory Nerve
63194	Laminectomy with cordotomy, with section of 1 spinothalamic tract, 1 stage; cervical
63196	Laminectomy with cordotomy, with section of both spinothalamic tracts, 1 stage; cervical
63198	Laminectomy with cordotomy with section of both spinothalamic tracts, 2 stages within 14 days; cervical
63200	Laminectomy, W/Release, Tethered Spinal Cord, Lumbar
63250	Laminectomy, Excision/Occlusion, Avm, Spinal Cord; Cervical
63252	Laminectomy, Excision/Occlusion, Avm, Spinal Cord; Thoracolumbar
63265	Laminectomy, Excision, Non-Neoplastic Lesion, Extradural; Cervical
63267	Laminectomy, Excision, Non-Neoplastic Lesion, Extradural; Lumbar
63270	Laminectomy, Excision, Intraspinal Lesion Other Than Neoplasm, Intradural; Cervical
63272	Laminectomy, Excision, Intraspinal Lesion Other Than Neoplasm, Intradural; Lumbar
63275	Laminectomy, Bx/Excision, Intraspinal Neoplasm; Extradural, Cervical
63277	Laminectomy, Bx/Excision, Intraspinal Neoplasm; Extradural, Lumbar
63280	Laminectomy, Bx/Excision, Intraspinal Neoplasm; Intradural, Extramedullary, Cervical
63282	Laminectomy, Bx/Excision, Intraspinal Neoplasm; Intradural, Extramedullary, Lumbar
63285	Laminectomy, Bx/Excision, Intraspinal Neoplasm; Intradural, Intramedullary, Cervical
63287	Laminectomy, Bx/Excision, Intraspinal Neoplasm; Intradural, Intramedullary, Thoracolumbar
63290	Laminectomy, Bx/Excision, Intraspinal Neoplasm; Extradural-Intradural Lesion, Any Level
63300	Vertebral Corpectomy, 1 Segment; Extradural, Cervical
63301	Vertebral Corpectomy, 1 Segment; Extradural, Thoracic, Transthoracic Approach
63302	Vertebral Corpectomy, 1 Segment; Extradural, Thoracic, Thoracolumbar Approach
63303	Vertebral Corpectomy, 1 Segment; Extradural, Lumbar/Sacral, Transperitoneal/Retroperitoneal Approach
63304	Vertebral Corpectomy, 1 Segment; Intradural, Cervical

63305	Vertebral Corpectomy, 1 Segment; Intradural, Thoracic, Transthoracic Approach
63306	Vertebral Corpectomy, 1 Segment; Intradural, Thoracic, Thoracolumbar Approach
63307	Vertebral Corpectomy, 1 Segment; Intradural, Lumbar/Sacral, Transperitoneal/Retroperitoneal Approach
63308	Vertebral Corpectomy, Add'l Segment
63620	Stereotactic radiosurgery (particle beam, gamma ray, or linear accelerator); 1 spinal lesion
63650	Percutaneous Implantation, Neurostimulator Electrode Array, Epidural
63655	Laminectomy, Implantation, Neurostimulator Electrodes, Plate/Paddle, Epidural
63663	Revision including replacement, when performed, of spinal neurostimulator electrode percutaneous array(s), including fluoroscopy, when performed
63664	Revision including replacement, when performed, of spinal neurostimulator electrode plate/paddle(s) placed via laminotomy or laminectomy, including fluoroscopy, when performed
63685	Insertion or replacement of spinal neurostimulator pulse generator or receiver, requiring pocket creation and connection between electrode array and pulse generator or receiver
63688	Revision or removal of implanted spinal neurostimulator pulse generator or receiver, with detachable connection to electrode array
64405	Injection(s), anesthetic agent(s) and/or steroid; greater occipital nerve
64415	Injection(s), anesthetic agent(s) and/or steroid; brachial plexus, including imaging guidance, when performed
64417	Injection(s), anesthetic agent(s) and/or steroid; axillary nerve, including imaging guidance, when performed
64447	Injection(s), anesthetic agent(s) and/or steroid; femoral nerve, including imaging guidance, when performed
64450	Injection(s), anesthetic agent(s) and/or steroid; other peripheral nerve or branch
64454	Injection(s), anesthetic agent(s) and/or steroid; genicular nerve branches, including imaging guidance, when performed
64479	Injection(s), anesthetic agent(s) and/or steroid; transforaminal epidural, with imaging guidance (fluoroscopy or CT), cervical or thoracic, single level
64480	Injection(s), anesthetic agent(s) and/or steroid; transforaminal epidural, with imaging guidance (fluoroscopy or CT), cervical or thoracic, each additional level (List separately in addition to code for primary procedure)
64483	Injection(s), anesthetic agent(s) and/or steroid; transforaminal epidural, with imaging guidance (fluoroscopy or CT), lumbar or sacral, single level
64484	Injection(s), anesthetic agent(s) and/or steroid; transforaminal epidural, with imaging guidance (fluoroscopy or CT), lumbar or sacral, each additional level (List separately in addition to code for primary procedure)
64490	Injection(s), diagnostic or therapeutic agent, paravertebral facet (zygapophyseal) joint (or nerves innervating that joint) with image guidance (fluoroscopy or CT), cervical or thoracic; single level
64491	Injection(s), diagnostic or therapeutic agent, paravertebral facet (zygapophyseal) joint (or nerves innervating that joint) with image guidance (fluoroscopy or CT), cervical or thoracic; second level (List separately in addition to code for primary procedure)
64492	Injection(s), diagnostic or therapeutic agent, paravertebral facet (zygapophyseal) joint (or nerves innervating that joint) with image guidance (fluoroscopy or CT), cervical or thoracic; third and any additional level(s) (List separately in addition to code for primary procedure)

64493	Injection(s), diagnostic or therapeutic agent, paravertebral facet (zygapophyseal) joint (or nerves innervating that joint) with image guidance (fluoroscopy or CT), lumbar or sacral; single level
64494	Injection(s), diagnostic or therapeutic agent, paravertebral facet (zygapophyseal) joint (or nerves innervating that joint) with image guidance (fluoroscopy or CT), lumbar or sacral; second level (List separately in addition to code for primary procedure)
64495	Injection(s), diagnostic or therapeutic agent, paravertebral facet (zygapophyseal) joint (or nerves innervating that joint) with image guidance (fluoroscopy or CT), lumbar or sacral; third and any additional level(s) (List separately in addition to code for primary procedure)
64505	Injection, Anesthetic Agent; Sphenopalatine Ganglion
64510	Injection, Anesthetic Agent; Stellate Ganglion (Cervical Sympathetic)
64520	Injection, Anesthetic Agent; Lumbar/Thoracic (Paravertebral Sympathetic)
64553	Percutaneous implantation of neurostimulator electrode array; cranial nerve
64555	Percutaneous implantation of neurostimulator electrode array; peripheral nerve (excludes sacral nerve)
64561	Percutaneous implantation of neurostimulator electrode array; sacral nerve (transforaminal placement) including image guidance, if performed
64566	Posterior tibial neurostimulation, percutaneous needle electrode, single treatment, includes programming
64568	Open implantation of cranial nerve (eg, vagus nerve) neurostimulator electrode array and pulse generator
64569	Revision or replacement of cranial nerve (eg, vagus nerve) neurostimulator electrode array, including connection to existing pulse generator
64575	Open implantation of neurostimulator electrode array; peripheral nerve (excludes sacral nerve)
64581	Open implantation of neurostimulator electrode array; sacral nerve (transforaminal placement)
64582	Open implantation of hypoglossal nerve neurostimulator array, pulse generator, and distal respiratory sensor electrode or electrode array
64585	Revision or removal of peripheral neurostimulator electrode array
64590	Insertion or replacement of peripheral, sacral, or gastric neurostimulator pulse generator or receiver, requiring pocket creation and connection between electrode array and pulse generator or receiver
64596	Insertion or replacement of percutaneous electrode array, peripheral nerve, with integrated neurostimulator, including imaging guidance, when performed; initial electrode array
64597	Insertion or replacement of percutaneous electrode array, peripheral nerve, with integrated neurostimulator, including imaging guidance, when performed; each additional electrode array (List separately in addition to code for primary procedure)
64600	Destruction, Neurolytic, Trigeminal Nerve; Supraorbital/Infraorbital/Mental/Inferior Alveolar
64605	Destruction, Neurolytic, Trigeminal Nerve; 2nd & 3rd Division
64610	Destruction, Neurolytic, Trigeminal Nerve; 2nd & 3rd Division W/Radiologic Monitoring
64624	Destruction by neurolytic agent, genicular nerve branches including imaging guidance, when performed
64625	Radiofrequency ablation, nerves innervating the sacroiliac joint, with image guidance (ie, fluoroscopy or computed tomography)

64628	Thermal destruction of intraosseous basivertebral nerve, including all imaging guidance; first 2 vertebral bodies, lumbar or sacral
64629	Thermal destruction of intraosseous basivertebral nerve, including all imaging guidance; each additional vertebral body, lumbar or sacral (List separately in addition to code for primary procedure)
64633	Destruction by neurolytic agent, paravertebral facet joint nerve(s), with imaging guidance (fluoroscopy or CT); cervical or thoracic, single facet joint
64634	Destruction by neurolytic agent, paravertebral facet joint nerve(s), with imaging guidance (fluoroscopy or CT); cervical or thoracic, each additional facet joint (List separately in addition to code for primary procedure)
64635	Destruction by neurolytic agent, paravertebral facet joint nerve(s), with imaging guidance (fluoroscopy or CT); lumbar or sacral, single facet joint
64636	Destruction by neurolytic agent, paravertebral facet joint nerve(s), with imaging guidance (fluoroscopy or CT); lumbar or sacral, each additional facet joint (List separately in addition to code for primary procedure)
64640	Destruction, Neurolytic; Other Peripheral Nerve/Branch
64642	Chemodenervation of one extremity; 1-4 muscle(s)
64644	Chemodenervation of one extremity; 5 or more muscle(s)
64646	Chemodenervation of trunk muscle(s); 1-5 muscle(s)
64647	Chemodenervation of trunk muscle(s); 6 or more muscle(s)
64650	Chemodenervation of eccrine glands; both axillae
64653	Chemodenervation of eccrine glands; other area(s) (eg, scalp, face, neck), per day
64716	Neuroplasty &/Or Transposition; Cranial Nerve (Specify)
64722	Decompression; Unspecified Nerve(S) (Specify)
64732	Transection/Avulsion; Supraorbital Nerve
64734	Transection/Avulsion; Infraorbital Nerve
64736	Transection/Avulsion; Mental Nerve
64738	Transection/Avulsion; Inferior Alveolar Nerve, Osteotomy
64740	Transection/Avulsion; Lingual Nerve
64742	Transection/Avulsion; Facial Nerve, Differential/Complete
64744	Transection/Avulsion; Greater Occipital Nerve
64771	Transection/Avulsion, Other Cranial Nerve, Extradural
64772	Transection/Avulsion, Other Spinal Nerve, Extradural
64864	Suture, Facial Nerve; Extracranial
64865	Suture, Facial Nerve; Infratemporal, W/Wo Grafting
64866	Anastomosis; Facial-Spinal Accessory
64868	Anastomosis; Facial-Hypoglossal
65756	Keratoplasty (corneal transplant); endothelial
65778	Placement of amniotic membrane on the ocular surface; without sutures
65779	Placement of amniotic membrane on the ocular surface; single layer, sutured
65780	Ocular surface reconstruction; amniotic membrane transplantation, multiple layers
66174	Transluminal dilation of aqueous outflow canal (eg, canaloplasty); without retention of device or stent
66175	Transluminal dilation of aqueous outflow canal (eg, canaloplasty); with retention of device or stent

66183	Insertion of anterior segment aqueous drainage device, without extraocular reservoir, external approach
66989	Extracapsular cataract removal with insertion of intraocular lens prosthesis (1-stage procedure), manual or mechanical technique (eg, irrigation and aspiration or phacoemulsification), complex, requiring devices or techniques not generally used in routine cataract surgery (eg, iris expansion device, suture support for intraocular lens, or primary posterior capsulorrhexis) or performed on patients in the amblyogenic developmental stage; with insertion of intraocular (eg, trabecular meshwork, supraciliary, suprachoroidal) anterior segment aqueous drainage device, without extraocular reservoir, internal approach, one or more
66991	Extracapsular cataract removal with insertion of intraocular lens prosthesis (1 stage procedure), manual or mechanical technique (eg, irrigation and aspiration or phacoemulsification); with insertion of intraocular (eg, trabecular meshwork, supraciliary, suprachoroidal) anterior segment aqueous drainage device, without extraocular reservoir, internal approach, one or more
67027	Implant, Intravitreal Drug Delivery System W/Removal, Vitreous
67218	Destruction of localized lesion of retina (eg, macular edema, tumors), 1 or more sessions; radiation by implantation of source (includes removal of source)
67220	Destruction of localized lesion of choroid (eg, choroidal neovascularization); photocoagulation (eg, laser), 1 or more sessions
67900	Repair, Brow Ptosis, (Supraciliary/Mid-Forehead/Coronal Approach)
67901	Repair of blepharoptosis; frontalis muscle technique with suture or other material (eg, banked fascia)
67902	Repair of blepharoptosis; frontalis muscle technique with autologous fascial sling (includes obtaining fascia)
67903	Repair, Blepharoptosis; (Tarso) Levator Resection/Advancement, Int Approach
67904	Repair, Blepharoptosis; (Tarso) Levator Resection/Advancement, Ext Approach
67906	Repair, Blepharoptosis; Superior Rectus W/Fascial Sling
67908	Repair, Blepharoptosis; Conjunctivo-Tarso-Muller's Muscle-Levator Resection
69090	Ear Piercing
69300	Otoplasty, Protruding Ear, W/Wo Size Reduction
69710	Implantation/Replacement, Electromagnetic Bone Conduction Hearing Device, Temporal Bone
69714	Implantation, osseointegrated implant, skull; with percutaneous attachment to external speech processor
69715	Implantation, Osseointegrated Implant, Temporal Bone; W/Mastoidectomy
69716	Implantation, osseointegrated implant, skull; with magnetic transcutaneous attachment to external speech processor, within the mastoid and/or resulting in removal of less than 100 sq mm surface area of bone deep to the outer cranial cortex
69717	Replacement (including removal of existing device), osseointegrated implant, skull; with percutaneous attachment to external speech processor
69718	Replacement, Osseointegrated Implant, Temporal Bone; W/Mastoidectomy
69719	Replacement (including removal of existing device), osseointegrated implant, skull; with magnetic transcutaneous attachment to external speech processor, within the mastoid and/or involving a bony defect less than 100 sq mm surface area of bone deep to the outer cranial cortex

69729	Implantation, osseointegrated implant, skull; with magnetic transcutaneous attachment to external speech processor, outside of the mastoid and resulting in removal of greater than or equal to 100 sq mm surface area of bone deep to the outer cranial cortex
69730	Replacement (including removal of existing device), osseointegrated implant, skull; with magnetic transcutaneous attachment to external speech processor, outside the mastoid and involving a bony defect greater than or equal to 100 sq mm surface area of bone deep to the outer cranial cortex
69930	Cochlear Device Implantation, W/Wo Mastoidectomy
69955	Total Facial Nerve Decompression &/Or Repair, (May Include Graft)
70336	Mri, Temporomandibular Joints
70450	Ct Scan, Head/Brain; W/O Contrast Matl
70460	Ct Scan, Head/Brain; W/Contrast Matl(S)
70470	Ct Scan, Head/Brain; W/O Contrast, Then W/Contrast
70480	Ct Scan, Orbit/Sella/Posterior Fossa/Outer, Middle, Inner Ear; W/O Contrast
70481	Ct Scan, Orbit/Sella/Posterior Fossa/ Outer, Middle, Inner Ear; W/Contrast
70482	Ct Scan, Orbit/Sella/Posterior Fossa/ Outer, Middle, Inner Ear; W/O Contrast, Then W/Contrast
70486	Ct Scan, Maxillofacial Area; W/O Contrast Matl
70487	Ct Scan, Maxillofacial Area; W/Contrast Matl(S)
70488	Ct Scan, Maxillofacial Area; W/O Contrast, Then W/Contrast & Further Sections
70490	Ct Scan, Soft Tissue Neck; W/O Contrast Matl
70491	Ct Scan, Soft Tissue Neck; W/Contrast Matl(S)
70492	Ct Scan, Neck Tissue; W/O Contrast, Then W/Contrast & Further Sections
70496	Computed tomographic angiography, head, with contrast material(s), including noncontrast images, if performed, and image postprocessing
70498	Computed tomographic angiography, neck, with contrast material(s), including noncontrast images, if performed, and image postprocessing
70540	Magnetic resonance (eg, proton) imaging, orbit, face, and/or neck; without contrast material(s)
70542	Magnetic resonance (eg, proton) imaging, orbit, face, and/or neck; with contrast material(s)
70543	Magnetic resonance (eg, proton) imaging, orbit, face, and/or neck; without contrast material(s), followed by contrast material(s) and further sequences
70544	Mra, Head; W/O Contrast Matl(S)
70545	Mra, Head; W/Contrast Matl(S)
70546	Mra, Head; W/O Contrast Matl(S), Followed By Contrast Matl(S) & Further Sequences
70547	Mra, Neck; W/O Contrast Matl(S)
70548	Mra, Neck; W/Contrast Matl(S)
70549	Mra, Neck; W/O Contrast Matl(S), Followed By Contrast Matl(S) & Further Sequences
70551	Mri, Brain; W/O Contrast
70552	Mri, Brain; W/Contrast
70553	Mri, Brain; W/O Contrast, Then W/Contrast & Further Sequences
70554	Magnetic resonance imaging, brain, functional MRI; including test selection and administration of repetitive body part movement and/or visual stimulation, not requiring physician or psychologist administration
70555	Magnetic resonance imaging, brain, functional MRI; requiring physician or psychologist administration of entire neurofunctional testing
71250	Computed tomography, thorax, diagnostic; without contrast material

71260	Computed tomography, thorax, diagnostic; with contrast material(s)
71270	Computed tomography, thorax, diagnostic; without contrast material, followed by contrast material(s) and further sections
71271	Computed tomography, thorax, low dose for lung cancer screening, without contrast material(s)
71275	Computed tomographic angiography, chest (noncoronary), with contrast material(s), including noncontrast images, if performed, and image postprocessing
71550	Mri, Chest; W/O Contrast Matl(S)
71551	Mri, Chest; W/Contrast Matl(S)
71552	Mri, Chest; W/O Contrast Matl(S), Followed By Contrast Matl(S) & Further Sequences
71555	Mra, Chest (Exclude Myocardium), W/Wo Contrast Matl(S)
72125	Ct Scan, Cervical Spine; W/O Contrast
72126	Ct Scan, Cervical Spine; W/Contrast
72127	Ct Scan, Cervical Spine; W/O Contrast, Then W/Contrast & Further Sections
72128	Computed tomography, thoracic spine; without contrast material
72129	Cat, Thoracic Spine; w/Contrst Materl, 18-2
72130	Ct Scan, Thoracic Spine; W/O Contrast, Then W/Contrast & Further Sections
72131	Ct Scan, Lumbar Spine; W/O Contrast
72132	Ct Scan, Lumbar Spine; W/Contrast
72133	Ct Scan, Lumbar Spine; W/O Contrast, Then W/Contrast & Further Sections
72141	Mri, Cervical Spine; W/O Contrast
72142	Mri, Cervical Spine; W/Contrast
72146	Mri, Thoracic Spine; W/O Contrast
72147	Mri, Thoracic Spine; W/Contrast
72148	Mri, Lumbar Spine; W/O Contrast
72149	Mri, Lumbar Spine; W/Contrast
72156	Mri, Spine W/O Contrast, Then W/Contrast; Cervical
72157	Mri, Spine W/O Contrast, Then W/Contrast; Thoracic
72158	Mri, Spine W/O Contrast, Then W/Contrast; Lumbar
72159	Mra, Spine W/Wo Contrast
72191	Computed tomographic angiography, pelvis, with contrast material(s), including noncontrast images, if performed, and image postprocessing
72192	Ct Scan, Pelvis; W/O Contrast
72193	Ct Scan, Pelvis; W/Contrast
72194	Ct Scan, Pelvis; W/O Contrast, Then W/Contrast & Further Sections
72195	Mri, Pelvis; W/O Contrast Matl(S)
72196	Mri, Pelvis; W/Contrast Matl(S)
72197	Mri, Pelvis; W/O Contrast Matl(S), Followed By Contrast Matl(S) & Further Sequences
72198	Mra, Pelvis, W/Wo Contrast
72285	Discography, cervical or thoracic, radiological supervision and interpretation
72295	Discography, lumbar, radiological supervision and interpretation
73200	Ct Scan, Upper Extremity; W/O Contrast
73201	Ct Scan, Upper Extremity; W/Contrast
73202	Ct Scan, Upper Extremity; W/O Contrast, Then W/Contrast & Further Sections

73206	Computed tomographic angiography, upper extremity, with contrast material(s), including noncontrast images, if performed
73218	Mri, Upper Extremity, Other Than Joint; W/O Contrast Matl(S)
73219	Mri, Upper Extremity, Other Than Joint; W/Contrast Matl(S)
73220	Magnetic resonance (eg, proton) imaging, upper extremity, other than joint; without contrast material(s), followed by contrast material(s) and further sequences
73221	Mri, Any Joint, Upper Extremity; W/O Contrast Matl(S)
73222	Mri, Any Joint, Upper Extremity; W/Contrast Matl(S)
73223	Magnetic resonance (eg, proton) imaging, any joint of upper extremity; without contrast material(s), followed by contrast material(s) and further sequences
73225	Mra, Upper Extremity, W/Wo Contrast
73700	Ct Scan, Lower Extremity; W/O Contrast
73701	Ct Scan, Lower Extremity; W/Contrast
73702	Ct Scan, Lower Extremity; W/O Contrast, Then W/Contrast & Further Sections
73706	Computed tomographic angiography, lower extremity, with contrast material(s), including noncontrast images, if performed
73718	Mri, Lower Extremity Other Than Joint; W/O Contrast Matl(S)
73719	Mri, Lower Extremity Other Than Joint; W/Contrast Matl(S)
73720	Magnetic resonance (eg, proton) imaging, lower extremity other than joint; without contrast material(s), followed by contrast material(s) and further sequences
73721	Mri, Any Joint, Lower Extremity; W/O Contrast Matl
73722	Mri, Any Joint, Lower Extremity; W/Contrast Matl(S)
73723	Magnetic resonance (eg, proton) imaging, any joint of lower extremity; without contrast material(s), followed by contrast material(s) and further sequences
73725	Mra, Lower Extremity, W/Wo Contrast
74150	Ct Scan, Abdomen; W/O Contrast
74160	Computed tomography, abdomen; with contrast material(s)
74170	Ct Scan, Abdomen; W/O Contrast, Then W/Contrast & Further Sections
74174	Computed Tomographic Angiography, Abdomen And Pelvis, With Contrast Material(S), Including Noncontrast Images, If Performed, And Image Postprocessing
74175	Computed tomographic angiography, abdomen, with contrast material(s), including noncontrast images, if performed, and image postprocessing
74176	Computed tomography, abdomen and pelvis; without contrast material
74177	Computed tomography, abdomen and pelvis; with contrast material(s)
74178	Computed tomography, abdomen and pelvis; without contrast material in one or both body regions, followed by contrast material(s) and further sections in one or both body regions
74181	Mri, Abdomen; W/O Contrast Matl(S)
74182	Mri, Abdomen; W/Contrast Matl(S)
74183	Mri, Abdomen; W/O Contrast Matl(S) Followed By Contrast Matl(S) & Further Sequences
74185	Mra, Abdomen, W/Wo Contrast
74261	Computed tomographic (CT) colonography, diagnostic, including image postprocessing; without contrast material
74262	Computed tomographic (CT) colonography, diagnostic, including image postprocessing; with contrast material(s) including non-contrast images, if performed
74263	Computed tomographic (CT) colonography, screening, including image postprocessing

74712	Magnetic resonance (eg, proton) imaging, fetal, including placental and maternal pelvic imaging when performed; single of first gestation
75557	Cardiac magnetic resonance imaging for morphology and function without contrast material;
75559	Cardiac magnetic resonance imaging for morphology and function without contrast material; with stress imaging
75561	Cardiac magnetic resonance imaging for morphology and function without contrast material(s), followed by contrast material(s) and further sequences;
75563	Cardiac magnetic resonance imaging for morphology and function without contrast material(s), followed by contrast material(s) and further sequences; with stress imaging
75571	Computed tomography, heart, without contrast material, with quantitative evaluation of coronary calcium
75572	Computed tomography, heart, with contrast material, for evaluation of cardiac structure and morphology (including 3D image postprocessing, assessment of cardiac function, and evaluation of venous structures, if performed)
75573	Computed tomography, heart, with contrast material, for evaluation of cardiac structure and morphology in the setting of congenital heart disease (including 3D image postprocessing, assessment of left ventricular [LV] cardiac function, right ventricular [RV] structure and function and evaluation of vascular structures, if performed)
75574	Computed tomographic angiography, heart, coronary arteries and bypass grafts (when present), with contrast material, including 3D image postprocessing (including evaluation of cardiac structure and morphology, assessment of cardiac function, and evaluation of venous structures, if performed)
75580	Noninvasive estimate of coronary fractional flow reserve (FFR) derived from augmentative software analysis of the data set from a coronary computed tomography angiography, with interpretation and report by a physician or other qualified health care professional
75635	Computed tomographic angiography, abdominal aorta and bilateral iliofemoral lower extremity runoff, with contrast material(s), including noncontrast images, if performed, and image postprocessing
76120	Cineradiography/Videoradiology, Except Where Specifically Included
76376	3D rendering with interpretation and reporting of computed tomography, magnetic resonance imaging, ultrasound, or other tomographic modality with image postprocessing under concurrent supervision; not requiring image postprocessing on an independent workstation
76377	3D rendering with interpretation and reporting of computed tomography, magnetic resonance imaging, ultrasound, or other tomographic modality with image postprocessing under concurrent supervision; requiring image postprocessing on an independent workstation
76390	Mr Spectroscopy
76391	Magnetic resonance (eg, vibration) elastography
76873	Echography, Transrectal; Prostate Volume Study, Brachytherapy Planning
76965	Us Guided, Interstitial Radioelement Application
77014	Computed tomography guidance for placement of radiation therapy fields
77046	Magnetic resonance imaging, breast, without contrast material; unilateral
77047	Magnetic resonance imaging, breast, without contrast material; bilateral
77048	Magnetic resonance imaging, breast, without and with contrast material(s), including computer-aided detection (CAD real-time lesion detection, characterization and pharmacokinetic analysis), when performed; unilateral

77049	Magnetic resonance imaging, breast, without and with contrast material(s), including computer-aided detection (CAD real-time lesion detection, characterization and pharmacokinetic analysis), when performed; bilateral
77078	Computed tomography, bone mineral density study, 1 or more sites; axial skeleton (eg, hips, pelvis, spine)
77084	Magnetic resonance (eg, proton) imaging, bone marrow blood supply
77295	3-dimensional radiotherapy plan, including dose-volume histograms
77301	Intensity Modulated Radiotherapy Plan W/Dose Volume Histograms
77316	Brachytherapy isodose plan; simple (calculation[s] made from 1 to 4 sources, or remote afterloading brachytherapy, 1 channel), includes basic dosimetry calculation(s)
77317	Brachytherapy isodose plan; intermediate (calculation[s] made from 5 to 10 sources, or remote afterloading brachytherapy, 2-12 channels), includes basic dosimetry calculation(s)
77318	Brachytherapy isodose plan; complex (calculation[s] made from over 10 sources, or remote afterloading brachytherapy, over 12 channels), includes basic dosimetry calculation(s)
77338	Multi-leaf collimator (MLC) device(s) for intensity modulated radiation therapy (IMRT), design and construction per IMRT
77370	Special Medical Radiation Physics Consultation
77371	Radiation treatment delivery, stereotactic radiosurgery (SRS), complete course of treatment of cranial lesion(s) consisting of 1 session; multi-source Cobalt 60 based
77372	Radiation treatment delivery, stereotactic radiosurgery (SRS), complete course of treatment of cranial lesion(s) consisting of 1 session; linear accelerator based
77373	Stereotactic body radiation therapy, treatment delivery, per fraction to 1 or more lesions, including image guidance, entire course not to exceed 5 fractions
77385	Intensity modulated radiation treatment delivery (IMRT), includes guidance and tracking, when performed; simple
77386	Intensity modulated radiation treatment delivery (IMRT), includes guidance and tracking, when performed; complex
77387	Guidance for localization of target volume for delivery of radiation treatment, includes intrafraction tracking, when performed
77402	Radiation treatment delivery, ≥ 1 MeV; simple
77407	Radiation treatment delivery, ≥ 1 MeV; intermediate
77412	Radiation treatment delivery, ≥ 1 MeV; complex
77423	High energy neutron radiation treatment delivery, 1 or more isocenter(s) with coplanar or non-coplanar geometry with blocking and/or wedge, and/or compensator(s)
77424	Intraoperative Radiation Treatment Delivery, X-Ray, Single Treatment Session
77425	Intraoperative Radiation Treatment Delivery, Electrons, Single Treatment Session
77432	Stereotactic radiation treatment management of cranial lesion(s) (complete course of treatment consisting of 1 session)
77435	Stereotactic body radiation therapy, treatment management, per treatment course, to 1 or more lesions, including image guidance, entire course not to exceed 5 fractions
77469	Intraoperative Radiation Treatment Management
77470	Special treatment procedure (eg, total body irradiation, hemibody radiation, per oral or endocavitary irradiation)
77520	Proton Treatment Delivery; Simple W/O Compensation
77522	Proton Treatment Delivery; Simple W/Compensation
77523	Proton Treatment Delivery; Intermediate

77525	Proton Treatment Delivery; Complex
77761	Intracavitary Radiation Source Application; Simple
77762	Intracavitary Radiation Source Application; Intermediate
77763	Intracavitary Radiation Source Application; Complex
77770	Remote afterloading high dose rate radionuclide interstitial or intracavitary brachytherapy, includes basic dosimetry, when performed; 1 channel
77771	Remote afterloading high dose rate radionuclide interstitial or intracavitary brachytherapy, includes basic dosimetry, when performed; 2-12 channels
77772	Remote afterloading high dose rate radionuclide interstitial or intracavitary brachytherapy, includes basic dosimetry, when performed; over 12 channels
77778	Interstitial Radioelement Application; Complex
77790	Supervision, Handling, Loading, Radiation Source
78429	Myocardial imaging, positron emission tomography (PET), metabolic evaluation study (including ventricular wall motion[s] and/or ejection fraction[s], when performed), single study; with concurrently acquired computed tomography transmission scan
78430	Myocardial imaging, positron emission tomography (PET), perfusion study (including ventricular wall motion[s] and/or ejection fraction[s], when performed); single study, at rest or stress (exercise or pharmacologic), with concurrently acquired computed tomography transmission scan
78431	Myocardial imaging, positron emission tomography (PET), perfusion study (including ventricular wall motion[s] and/or ejection fraction[s], when performed); multiple studies at rest and stress (exercise or pharmacologic), with concurrently acquired computed tomography transmission scan
78432	Myocardial imaging, positron emission tomography (PET), combined perfusion with metabolic evaluation study (including ventricular wall motion[s] and/or ejection fraction[s], when performed), dual radiotracer (eg, myocardial viability);
78433	Myocardial imaging, positron emission tomography (PET), combined perfusion with metabolic evaluation study (including ventricular wall motion[s] and/or ejection fraction[s], when performed), dual radiotracer (eg, myocardial viability); with concurrently acquired computed tomography transmission scan
78451	Myocardial perfusion imaging, tomographic (SPECT) (including attenuation correction, qualitative or quantitative wall motion, ejection fraction by first pass or gated technique, additional quantification, when performed); single study, at rest or stress (exercise or pharmacologic)
78452	Myocardial perfusion imaging, tomographic (SPECT) (including attenuation correction, qualitative or quantitative wall motion, ejection fraction by first pass or gated technique, additional quantification, when performed); multiple studies, at rest and/or stress (exercise or pharmacologic) and/or redistribution and/or rest reinjection
78453	Myocardial perfusion imaging, planar (including qualitative or quantitative wall motion, ejection fraction by first pass or gated technique, additional quantification, when performed); single study, at rest or stress (exercise or pharmacologic)
78454	Myocardial perfusion imaging, planar (including qualitative or quantitative wall motion, ejection fraction by first pass or gated technique, additional quantification, when performed); multiple studies, at rest and/or stress (exercise or pharmacologic) and/or redistribution and/or rest reinjection
78459	Myocardial imaging, positron emission tomography (PET), metabolic evaluation study (including ventricular wall motion[s] and/or ejection fraction[s], when performed), single study;

78466	Myocardial Imaging, Infarct Avid, Planar; Qualitative/Quantitative
78468	Myocardial Imaging, Infarct Avid, Planar; W/Ejection Fraction, 1st Pass Technique
78469	Myocardial Imaging, Infarct Avid, Planar; Tomographic Spect W/Wo Quantification
78472	Cardiac Blood Pool Imaging, Gated Equilibrium; Planar, Single Study, Rest/Stress
78473	Cardiac Blood Pool Imaging, Gated Equilibrium; Planar, Multiple Studies, Rest/Stress
78481	Cardiac Blood Pool Imaging, Planar, 1st Pass; Single Study & Ejection Fraction W/Wo Quantification
78483	Cardiac blood pool imaging (planar), first pass technique; multiple studies, at rest and with stress (exercise and/or pharmacologic), wall motion study plus ejection fraction, with or without quantification
78491	Myocardial imaging, positron emission tomography (PET), perfusion study (including ventricular wall motion[s] and/or ejection fraction[s], when performed); single study, at rest or stress (exercise or pharmacologic)
78492	Myocardial imaging, positron emission tomography (PET), perfusion study (including ventricular wall motion[s] and/or ejection fraction[s], when performed); multiple studies at rest and stress (exercise or pharmacologic)
78494	Cardiac Blood Pool Imaging, Gated Equilibrium, Rest, Spect, & Ejection Fraction W/Wo Quantification
78608	Brain Imaging, Positron Emission Tomography (Pet); Metabolic Evaluation
78609	Brain Imaging, Positron Emission Tomography (Pet); Perfusion Evaluation
78803	Radiopharmaceutical localization of tumor, inflammatory process or distribution of radiopharmaceutical agent(s) (includes vascular flow and blood pool imaging, when performed)
78811	Positron emission tomography (PET) imaging; limited area (eg, chest, head/neck)
78812	Positron emission tomography (PET) imaging; skull base to mid-thigh
78813	Positron emission tomography (PET) imaging; whole body
78814	Positron emission tomography (PET) with concurrently acquired computed tomography (CT) for attenuation correction and anatomical localization imaging; limited area (eg, chest, head/neck)
78815	Positron emission tomography (PET) with concurrently acquired computed tomography (CT) for attenuation correction and anatomical localization imaging; skull base to mid-thigh
78816	Positron emission tomography (PET) with concurrently acquired computed tomography (CT) for attenuation correction and anatomical localization imaging; whole body
79101	Radiopharmaceutical Therapy, By Intravenous Administration
79403	Radiopharmaceutical Therapy, Radiolabeled Monoclonal Antibody By Intravenous Infusion
81120	IDH1 (isocitrate dehydrogenase 1 [NADP+], soluble) (eg, glioma), common variants (eg, R132H, R132C)
81121	IDH2 (isocitrate dehydrogenase 2 [NADP+], mitochondrial) (eg, glioma), common variants (eg, R140W, R172M)
81161	DMD (dystrophin) (eg, Duchenne/Becker muscular dystrophy) deletion analysis, and duplication analysis, if performed
81162	BRCA1 (BRCA1, DNA repair associated), BRCA2 (BRCA2, DNA repair associated) (eg, hereditary breast and ovarian cancer) gene analysis; full sequence analysis and full duplication/deletion analysis (ie, detection of large gene rearrangements)
81163	BRCA1 (BRCA1, DNA repair associated), BRCA2 (BRCA2, DNA repair associated) (eg, hereditary breast and ovarian cancer) gene analysis; full sequence analysis

81164	BRCA1 (BRCA1, DNA repair associated), BRCA2 (BRCA2, DNA repair associated) (eg, hereditary breast and ovarian cancer) gene analysis; full duplication/deletion analysis (ie, detection of large gene rearrangements)
81165	BRCA1 (BRCA1, DNA repair associated) (eg, hereditary breast and ovarian cancer) gene analysis; full sequence analysis
81166	BRCA1 (BRCA1, DNA repair associated) (eg, hereditary breast and ovarian cancer) gene analysis; full duplication/deletion analysis (ie, detection of large gene rearrangements)
81167	BRCA2 (BRCA2, DNA repair associated) (eg, hereditary breast and ovarian cancer) gene analysis; full duplication/deletion analysis (ie, detection of large gene rearrangements)
81170	ABL1 (ABL proto-oncogene 1, non-receptor tyrosine kinase) (eg, acquired imatinib tyrosine kinase inhibitor resistance), gene analysis, variants in the kinase domain
81171	AFF2 (ALF transcription elongation factor 2 [FMR2]) (eg, fragile X intellectual disability 2 [FRAXE]) gene analysis; evaluation to detect abnormal (eg, expanded) alleles
81172	AFF2 (ALF transcription elongation factor 2 [FMR2]) (eg, fragile X intellectual disability 2 [FRAXE]) gene analysis; characterization of alleles (eg, expanded size and methylation status)
81173	AR (androgen receptor) (eg, spinal and bulbar muscular atrophy, Kennedy disease, X chromosome inactivation) gene analysis; full gene sequence
81174	AR (androgen receptor) (eg, spinal and bulbar muscular atrophy, Kennedy disease, X chromosome inactivation) gene analysis; known familial variant
81175	ASXL1 (additional sex combs like 1, transcriptional regulator) (eg, myelodysplastic syndrome, myeloproliferative neoplasms, chronic myelomonocytic leukemia), gene analysis; full gene sequence
81176	ASXL1 (additional sex combs like 1, transcriptional regulator) (eg, myelodysplastic syndrome, myeloproliferative neoplasms, chronic myelomonocytic leukemia), gene analysis; targeted sequence analysis (eg, exon 12)
81177	ATN1 (atrophin 1) (eg, dentatorubral-pallidoluysian atrophy) gene analysis, evaluation to detect abnormal (eg, expanded) alleles
81178	ATXN1 (ataxin 1) (eg, spinocerebellar ataxia) gene analysis, evaluation to detect abnormal (eg, expanded) alleles
81179	ATXN2 (ataxin 2) (eg, spinocerebellar ataxia) gene analysis, evaluation to detect abnormal (eg, expanded) alleles
81180	ATXN3 (ataxin 3) (eg, spinocerebellar ataxia, Machado-Joseph disease) gene analysis, evaluation to detect abnormal (eg, expanded) alleles
81181	ATXN7 (ataxin 7) (eg, spinocerebellar ataxia) gene analysis, evaluation to detect abnormal (eg, expanded) alleles
81182	ATXN8OS (ATXN8 opposite strand [non-protein coding]) (eg, spinocerebellar ataxia) gene analysis, evaluation to detect abnormal (eg, expanded) alleles
81183	ATXN10 (ataxin 10) (eg, spinocerebellar ataxia) gene analysis, evaluation to detect abnormal (eg, expanded) alleles
81184	CACNA1A (calcium voltage-gated channel subunit alpha1 A) (eg, spinocerebellar ataxia) gene analysis; evaluation to detect abnormal (eg, expanded) alleles
81185	CACNA1A (calcium voltage-gated channel subunit alpha1 A) (eg, spinocerebellar ataxia) gene analysis; full gene sequence
81186	CACNA1A (calcium voltage-gated channel subunit alpha1 A) (eg, spinocerebellar ataxia) gene analysis; known familial variant
81187	CNBP (CCHC-type zinc finger nucleic acid binding protein) (eg, myotonic dystrophy type 2) gene analysis, evaluation to detect abnormal (eg, expanded) alleles

81188	CSTB (cystatin B) (eg, Unverricht-Lundborg disease) gene analysis; evaluation to detect abnormal (eg, expanded) alleles
81189	CSTB (cystatin B) (eg, Unverricht-Lundborg disease) gene analysis; full gene sequence
81190	CSTB (cystatin B) (eg, Unverricht-Lundborg disease) gene analysis; known familial variant(s)
81191	NTRK1 (neurotrophic receptor tyrosine kinase 1) (eg, solid tumors) translocation analysis
81192	NTRK2 (neurotrophic receptor tyrosine kinase 2) (eg, solid tumors) translocation analysis
81193	NTRK3 (neurotrophic receptor tyrosine kinase 3) (eg, solid tumors) translocation analysis
81194	NTRK (neurotrophic-tropomyosin receptor tyrosine kinase 1, 2, and 3) (eg, solid tumors) translocation analysis
81200	Aspa (Aspartoacylase) (Eg, Canavan Disease) Gene Analysis, Common Variants (Eg, E285A, Y231X)
81201	APC (adenomatous polyposis coli) (eg, familial adenomatosis polyposis [FAP], attenuated FAP) gene analysis; full gene sequence
81202	APC (adenomatous polyposis coli) (eg, familial adenomatosis polyposis [FAP], attenuated FAP) gene analysis; known familial variants
81203	APC (adenomatous polyposis coli) (eg, familial adenomatosis polyposis [FAP], attenuated FAP) gene analysis; duplication/deletion variants
81204	AR (androgen receptor) (eg, spinal and bulbar muscular atrophy, Kennedy disease, X chromosome inactivation) gene analysis; characterization of alleles (eg, expanded size or methylation status)
81205	Bckdhab (Branched-Chain Keto Acid Dehydrogenase E1, Beta Polypeptide) (Eg, Maple Syrup Urine Disease) Gene Analysis, Common Variants (Eg, R183P, G278S, E422X)
81206	Bcr/Abl1 (T(9;22)) (Eg, Chronic Myelogenous Leukemia) Translocation Analysis; Major Breakpoint, Qualitative Or Quantitative
81207	Bcr/Abl1 (T(9;22)) (Eg, Chronic Myelogenous Leukemia) Translocation Analysis; Minor Breakpoint, Qualitative Or Quantitative
81208	Bcr/Abl1 (T(9;22)) (Eg, Chronic Myelogenous Leukemia) Translocation Analysis; Other Breakpoint, Qualitative Or Quantitative
81209	Blm (Bloom Syndrome, Recq Helicase-Like) (Eg, Bloom Syndrome) Gene Analysis, 2281Del6Ins7 Variant
81210	Braf (V-Raf Murine Sarcoma Viral Oncogene Homolog B1) (Eg, Colon Cancer), Gene Analysis, V600E Variant
81212	BRCA1 (BRCA1, DNA repair associated), BRCA2 (BRCA2, DNA repair associated) (eg, hereditary breast and ovarian cancer) gene analysis; 185delAG, 5385insC, 6174delT variants
81215	BRCA1 (BRCA1, DNA repair associated) (eg, hereditary breast and ovarian cancer) gene analysis; known familial variant
81216	BRCA2 (BRCA2, DNA repair associated) (eg, hereditary breast and ovarian cancer) gene analysis; full sequence analysis
81217	BRCA2 (BRCA2, DNA repair associated) (eg, hereditary breast and ovarian cancer) gene analysis; known familial variant
81218	CEBPA (CCAAT/enhancer binding protein [C/EBP], alpha) (eg, acute myeloid leukemia), gene analysis, full gene sequence
81219	CALR (calreticulin) (eg, myeloproliferative disorders), gene analysis, common variants in exon 9
81220	Cftr (Cystic Fibrosis Transmembrane Conductance Regulator) (Eg, Cystic Fibrosis) Gene Analysis; Common Variants (Eg, Acmg/Acog Guidelines)

81221	Cftr (Cystic Fibrosis Transmembrane Conductance Regulator) (Eg, Cystic Fibrosis) Gene Analysis; Known Familial Variants
81222	Cftr (Cystic Fibrosis Transmembrane Conductance Regulator) (Eg, Cystic Fibrosis) Gene Analysis; Duplication/Deletion Variants
81223	Cftr (Cystic Fibrosis Transmembrane Conductance Regulator) (Eg, Cystic Fibrosis) Gene Analysis; Full Gene Sequence
81224	Cftr (Cystic Fibrosis Transmembrane Conductance Regulator) (Eg, Cystic Fibrosis) Gene Analysis; Intron 8 Poly-T Analysis (Eg, Male Infertility)
81225	Cyp2C19 (Cytochrome P450, Family 2, Subfamily C, Polypeptide 19) (Eg, Drug Metabolism), Gene Analysis, Common Variants (Eg, *2, *3, *4, *8, *17)
81226	CYP2D6 (cytochrome P450, family 2, subfamily D, polypeptide 6) (eg, drug metabolism), gene analysis, common variants (eg, *2, *3, *4, *5, *6, *9, *10, *17, *19, *29, *35, *41, *1XN, *2XN, *4XN)
81227	Cyp2C9 (Cytochrome P450, Family 2, Subfamily C, Polypeptide 9) (Eg, Drug Metabolism), Gene Analysis, Common Variants (Eg, *2, *3, *5, *6)
81228	Cytogenomic (genome-wide) analysis for constitutional chromosomal abnormalities; interrogation of genomic regions for copy number variants, comparative genomic hybridization [CGH] microarray analysis
81229	Cytogenomic (genome-wide) analysis for constitutional chromosomal abnormalities; interrogation of genomic regions for copy number and single nucleotide polymorphism (SNP) variants, comparative genomic hybridization (CGH) microarray analysis
81230	CYP3A4 (cytochrome P450 family 3 subfamily A member 4) (eg, drug metabolism), gene analysis, common variant(s) (eg, *2, *22)
81231	CYP3A5 (cytochrome P450 family 3 subfamily A member 5) (eg, drug metabolism), gene analysis, common variants (eg, *2, *3, *4, *5, *6, *7)
81232	DPYD (dihydropyrimidine dehydrogenase) (eg, 5-fluorouracil/5-FU and capecitabine drug metabolism), gene analysis, common variant(s) (eg, *2A, *4, *5, *6)
81233	BTK (Bruton's tyrosine kinase) (eg, chronic lymphocytic leukemia) gene analysis, common variants (eg, C481S, C481R, C481F)
81234	DMPK (DM1 protein kinase) (eg, myotonic dystrophy type 1) gene analysis; evaluation to detect abnormal (expanded) alleles
81235	EGFR (epidermal growth factor receptor) (eg, non-small cell lung cancer) gene analysis, common variants (eg, exon 19 LREA deletion, L858R, T790M, G719A, G719S, L861Q)
81236	EZH2 (enhancer of zeste 2 polycomb repressive complex 2 subunit) (eg, myelodysplastic syndrome, myeloproliferative neoplasms) gene analysis, full gene sequence
81237	EZH2 (enhancer of zeste 2 polycomb repressive complex 2 subunit) (eg, diffuse large B-cell lymphoma) gene analysis, common variant(s) (eg, codon 646)
81239	DMPK (DM1 protein kinase) (eg, myotonic dystrophy type 1) gene analysis; characterization of alleles (eg, expanded size)
81240	F2 (Prothrombin, Coagulation Factor II) (Eg, Hereditary Hypercoagulability) Gene Analysis, 20210G>A Variant
81241	F5 (Coagulation Factor V) (Eg, Hereditary Hypercoagulability) Gene Analysis, Leiden Variant
81242	Fancc (Fanconi Anemia, Complementation Group C) (Eg, Fanconi Anemia, Type C) Gene Analysis, Common Variant (Eg, Ivs4+4A>T)
81243	FMR1 (fragile X messenger ribonucleoprotein 1) (eg, fragile X syndrome, X-linked intellectual disability [XLID]) gene analysis; evaluation to detect abnormal (eg, expanded) alleles

81244	FMR1 (fragile X messenger ribonucleoprotein 1) (eg, fragile X syndrome, X-linked intellectual disability [XLID]) gene analysis; characterization of alleles (eg, expanded size)
81245	Flt3 (Fms-Related Tyrosine Kinase 3) (Eg, Acute Myeloid Leukemia), Gene Analysis, Internal Tandem Duplication (Itd) Variants (Ie, Exons 14, 15)
81246	FLT3 (fms-related tyrosine kinase 3) (eg, acute myeloid leukemia), gene analysis; tyrosine kinase domain (TKD) variants (eg, D835, I836)
81247	G6PD (glucose-6-phosphate dehydrogenase) (eg, hemolytic anemia, jaundice), gene analysis; common variant(s) (eg, A, A-)
81248	G6PD (glucose-6-phosphate dehydrogenase) (eg, hemolytic anemia, jaundice), gene analysis; known familial variant(s)
81249	G6PD (glucose-6-phosphate dehydrogenase) (eg, hemolytic anemia, jaundice), gene analysis; full gene sequence
81250	G6Pc (Glucose-6-Phosphatase, Catalytic Subunit) (Eg, Glycogen Storage Disease, Type 1A, Von Gierke Disease) Gene Analysis, Common Variants (Eg, R83C, Q347X)
81251	Gba (Glucosidase, Beta, Acid) (Eg, Gaucher Disease) Gene Analysis, Common Variants (Eg, N370S, 84Gg, L444P, Ivs2+1G>A)
81252	GJB2 (gap junction protein, beta 2, 26kDa, connexin 26) (eg, nonsyndromic hearing loss) gene analysis; full gene sequence
81253	GJB2 (gap junction protein, beta 2, 26kDa; connexin 26) (eg, nonsyndromic hearing loss) gene analysis; known familial variants
81254	GJB6 (gap junction protein, beta 6, 30kDa, connexin 30) (eg, nonsyndromic hearing loss) gene analysis, common variants (eg, 309kb [del(GJB6-D13S1830)] and 232kb [del(GJB6-D13S1854)])
81255	Hexa (Hexosaminidase A [Alpha Polypeptide]) (Eg, Tay-Sachs Disease) Gene Analysis, Common Variants (Eg, 1278Instatc, 1421+1G>C, G269S)
81256	Hfe (Hemochromatosis) (Eg, Hereditary Hemochromatosis) Gene Analysis, Common Variants (Eg, C282Y, H63D)
81257	HBA1/HBA2 (alpha globin 1 and alpha globin 2) (eg, alpha thalassemia, Hb Bart hydrops fetalis syndrome, HbH disease), gene analysis; common deletions or variant (eg, Southeast Asian, Thai, Filipino, Mediterranean, alpha3.7, alpha4.2, alpha20.5, Constant Spring)
81258	HBA1/HBA2 (alpha globin 1 and alpha globin 2) (eg, alpha thalassemia, Hb Bart hydrops fetalis syndrome, HbH disease), gene analysis; known familial variant
81259	HBA1/HBA2 (alpha globin 1 and alpha globin 2) (eg, alpha thalassemia, Hb Bart hydrops fetalis syndrome, HbH disease), gene analysis; full gene sequence
81260	IKBKAP (inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase complex-associated protein) (eg, familial dysautonomia) gene analysis, common variants (eg, 2507+6T>C, R696P)
81261	IGH@ (Immunoglobulin heavy chain locus) (eg, leukemias and lymphomas, B-cell), gene rearrangement analysis to detect abnormal clonal population(s); amplified methodology (eg, polymerase chain reaction)
81262	IGH@ (Immunoglobulin heavy chain locus) (eg, leukemias and lymphomas, B-cell), gene rearrangement analysis to detect abnormal clonal population(s); direct probe methodology (eg, Southern blot)
81263	Igh@ (Immunoglobulin Heavy Chain Locus) (Eg, Leukemia And Lymphoma, B-Cell), Variable Region Somatic Mutation Analysis
81264	Igk@ (Immunoglobulin Kappa Light Chain Locus) (Eg, Leukemia And Lymphoma, B-Cell), Gene Rearrangement Analysis, Evaluation To Detect Abnormal Clonal Population(S)

81265	Comparative analysis using Short Tandem Repeat (STR) markers; patient and comparative specimen (eg, pre-transplant recipient and donor germline testing, post-transplant non-hematopoietic recipient germline [eg, buccal swab or other germline tissue sample] and donor testing, twin zygosity testing, or maternal cell contamination of fetal cells)
81266	Comparative analysis using Short Tandem Repeat (STR) markers; each additional specimen (eg, additional cord blood donor, additional fetal samples from different cultures, or additional zygosity in multiple birth pregnancies) (List separately in addition to code for primary procedure)
81269	HBA1/HBA2 (alpha globin 1 and alpha globin 2) (eg, alpha thalassemia, Hb Bart hydrops fetalis syndrome, HbH disease), gene analysis; duplication/deletion variants
81270	Jak2 (Janus Kinase 2) (Eg, Myeloproliferative Disorder) Gene Analysis, P.Val617Phe (V617F) Variant
81271	HTT (huntingtin) (eg, Huntington disease) gene analysis; evaluation to detect abnormal (eg, expanded) alleles
81272	KIT (v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homolog) (eg, gastrointestinal stromal tumor [GIST], acute myeloid leukemia, melanoma), gene analysis, targeted sequence analysis (eg, exons 8, 11, 13, 17, 18)
81273	KIT (v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homolog) (eg, mastocytosis), gene analysis, D816 variant(s)
81274	HTT (huntingtin) (eg, Huntington disease) gene analysis; characterization of alleles (eg, expanded size)
81275	Kras (V-Ki-Ras2 Kirsten Rat Sarcoma Viral Oncogene) (Eg, Carcinoma) Gene Analysis, Variants In Codons 12 And 13
81276	KRAS (Kirsten rat sarcoma viral oncogene homolog) (eg, carcinoma) gene analysis; additional variant(s) (eg, codon 61, codon 146)
81277	Cytogenomic neoplasia (genome-wide) microarray analysis, interrogation of genomic regions for copy number and loss-of-heterozygosity variants for chromosomal abnormalities
81278	IGH@/BCL2 (t(14;18)) (eg, follicular lymphoma) translocation analysis, major breakpoint region (MBR) and minor cluster region (mcr) breakpoints, qualitative or quantitative
81279	JAK2 (Janus kinase 2) (eg, myeloproliferative disorder) targeted sequence analysis (eg, exons 12 and 13)
81283	IFNL3 (interferon, lambda 3) (eg, drug response), gene analysis, rs12979860 variant
81284	FXN (frataxin) (eg, Friedreich ataxia) gene analysis; evaluation to detect abnormal (expanded) alleles
81285	FXN (frataxin) (eg, Friedreich ataxia) gene analysis; characterization of alleles (eg, expanded size)
81286	FXN (frataxin) (eg, Friedreich ataxia) gene analysis; full gene sequence
81287	MGMT (O-6-methylguanine-DNA methyltransferase) (eg, glioblastoma multiforme) promoter methylation analysis
81288	MLH1 (mutL homolog 1, colon cancer, nonpolyposis type 2) (eg, hereditary non-polyposis colorectal cancer, Lynch syndrome) gene analysis; promoter methylation analysis
81289	FXN (frataxin) (eg, Friedreich ataxia) gene analysis; known familial variant(s)
81290	Mcoln1 (Mucolipin 1) (Eg, Mucopolipidosis, Type Iv) Gene Analysis, Common Variants (Eg, Ivs3-2A>G, Del6.4Kb)
81291	Mthfr (5,10-Methylenetetrahydrofolate Reductase) (Eg, Hereditary Hypercoagulability) Gene Analysis, Common Variants (Eg, 677T, 1298C)

81292	MLh1 (Mutl Homolog 1, Colon Cancer, Nonpolyposis Type 2) (Eg, Hereditary Non-Polyposis Colorectal Cancer, Lynch Syndrome) Gene Analysis; Full Sequence Analysis
81293	MLh1 (Mutl Homolog 1, Colon Cancer, Nonpolyposis Type 2) (Eg, Hereditary Non-Polyposis Colorectal Cancer, Lynch Syndrome) Gene Analysis; Known Familial Variants
81294	MLh1 (Mutl Homolog 1, Colon Cancer, Nonpolyposis Type 2) (Eg, Hereditary Non-Polyposis Colorectal Cancer, Lynch Syndrome) Gene Analysis; Duplication/Deletion Variants
81295	Msh2 (Muts Homolog 2, Colon Cancer, Nonpolyposis Type 1) (Eg, Hereditary Non-Polyposis Colorectal Cancer, Lynch Syndrome) Gene Analysis; Full Sequence Analysis
81296	Msh2 (Muts Homolog 2, Colon Cancer, Nonpolyposis Type 1) (Eg, Hereditary Non-Polyposis Colorectal Cancer, Lynch Syndrome) Gene Analysis; Known Familial Variants
81297	Msh2 (Muts Homolog 2, Colon Cancer, Nonpolyposis Type 1) (Eg, Hereditary Non-Polyposis Colorectal Cancer, Lynch Syndrome) Gene Analysis; Duplication/Deletion Variants
81298	Msh6 (Muts Homolog 6 [E. Coli]) (Eg, Hereditary Non-Polyposis Colorectal Cancer, Lynch Syndrome) Gene Analysis; Full Sequence Analysis
81299	Msh6 (Muts Homolog 6 [E. Coli]) (Eg, Hereditary Non-Polyposis Colorectal Cancer, Lynch Syndrome) Gene Analysis; Known Familial Variants
81300	Msh6 (Muts Homolog 6 [E. Coli]) (Eg, Hereditary Non-Polyposis Colorectal Cancer, Lynch Syndrome) Gene Analysis; Duplication/Deletion Variants
81301	Microsatellite instability analysis (eg, hereditary non-polyposis colorectal cancer, Lynch syndrome) of markers for mismatch repair deficiency (eg, BAT25, BAT26), includes comparison of neoplastic and normal tissue, if performed
81302	Mecp2 (Methyl Cpg Binding Protein 2) (Eg, Rett Syndrome) Gene Analysis; Full Sequence Analysis
81303	Mecp2 (Methyl Cpg Binding Protein 2) (Eg, Rett Syndrome) Gene Analysis; Known Familial Variant
81304	Mecp2 (Methyl Cpg Binding Protein 2) (Eg, Rett Syndrome) Gene Analysis; Duplication/Deletion Variants
81305	MYD88 (myeloid differentiation primary response 88) (eg, Waldenstrom's macroglobulinemia, lymphoplasmacytic leukemia) gene analysis, p.Leu265Pro (L265P) variant
81306	NUDT15 (nudix hydrolase 15) (eg, drug metabolism) gene analysis, common variant(s) (eg, *2, *3, *4, *5, *6)
81307	PALB2 (partner and localizer of BRCA2) (eg, breast and pancreatic cancer) gene analysis; full gene sequence
81308	PALB2 (partner and localizer of BRCA2) (eg, breast and pancreatic cancer) gene analysis; known familial variant
81309	PIK3CA (phosphatidylinositol-4, 5-biphosphate 3-kinase, catalytic subunit alpha) (eg, colorectal and breast cancer) gene analysis, targeted sequence analysis (eg, exons 7, 9, 20)
81310	Npm1 (Nucleophosmin) (Eg, Acute Myeloid Leukemia) Gene Analysis, Exon 12 Variants
81311	NRAS (neuroblastoma RAS viral [v-ras] oncogene homolog) (eg, colorectal carcinoma), gene analysis, variants in exon 2 (eg, codons 12 and 13) and exon 3 (eg, codon 61)
81312	PABPN1 (poly[A] binding protein nuclear 1) (eg, oculopharyngeal muscular dystrophy) gene analysis, evaluation to detect abnormal (eg, expanded) alleles
81313	PCA3/KLK3 (prostate cancer antigen 3 [non-protein coding]/kallikrein-related peptidase 3 [prostate specific antigen]) ratio (eg, prostate cancer)
81314	PDGFRA (platelet-derived growth factor receptor, alpha polypeptide) (eg, gastrointestinal stromal tumor [GIST]), gene analysis, targeted sequence analysis (eg, exons 12, 18)

81315	PML/RARalpha, (t(15;17)), (promyelocytic leukemia/retinoic acid receptor alpha) (eg, promyelocytic leukemia) translocation analysis; common breakpoints (eg, intron 3 and intron 6), qualitative or quantitative
81316	PML/RARalpha, (t(15;17)), (promyelocytic leukemia/retinoic acid receptor alpha) (eg, promyelocytic leukemia) translocation analysis; single breakpoint (eg, intron 3, intron 6 or exon 6), qualitative or quantitative
81317	Pms2 (Postmeiotic Segregation Increased 2 [S. Cerevisiae]) (Eg, Hereditary Non-Polyposis Colorectal Cancer, Lynch Syndrome) Gene Analysis; Full Sequence Analysis
81318	Pms2 (Postmeiotic Segregation Increased 2 [S. Cerevisiae]) (Eg, Hereditary Non-Polyposis Colorectal Cancer, Lynch Syndrome) Gene Analysis; Known Familial Variants
81319	Pms2 (Postmeiotic Segregation Increased 2 [S. Cerevisiae]) (Eg, Hereditary Non-Polyposis Colorectal Cancer, Lynch Syndrome) Gene Analysis; Duplication/Deletion Variants
81320	PLCG2 (phospholipase C gamma 2) (eg, chronic lymphocytic leukemia) gene analysis, common variants (eg, R665W, S707F, L845F)
81321	PTEN (phosphatase and tensin homolog) (eg, Cowden syndrome, PTEN hamartoma tumor syndrome) gene analysis; full sequence analysis
81322	PTEN (phosphatase and tensin homolog) (eg, Cowden syndrome, PTEN hamartoma tumor syndrome) gene analysis; known familial variant
81323	PTEN (phosphatase and tensin homolog) (eg, Cowden syndrome, PTEN hamartoma tumor syndrome) gene analysis; duplication/deletion variant
81324	PMP22 (peripheral myelin protein 22) (eg, Charcot-Marie-Tooth, hereditary neuropathy with liability to pressure palsies) gene analysis; duplication/deletion analysis
81325	PMP22 (peripheral myelin protein 22) (eg, Charcot-Marie-Tooth, hereditary neuropathy with liability to pressure palsies) gene analysis; full sequence analysis
81326	PMP22 (peripheral myelin protein 22) (eg, Charcot-Marie-Tooth, hereditary neuropathy with liability to pressure palsies) gene analysis; known familial variant
81327	SEPT9 (Septin9) (eg, colorectal cancer) promoter methylation analysis
81328	SLCO1B1 (solute carrier organic anion transporter family, member 1B1) (eg, adverse drug reaction), gene analysis, common variant(s) (eg, *5)
81329	SMN1 (survival of motor neuron 1, telomeric) (eg, spinal muscular atrophy) gene analysis; dosage/deletion analysis (eg, carrier testing), includes SMN2 (survival of motor neuron 2, centromeric) analysis, if performed
81330	Smpd1(Sphingomyelin Phosphodiesterase 1, Acid Lysosomal) (Eg, Niemann-Pick Disease, Type A) Gene Analysis, Common Variants (Eg, R496L, L302P, Fsp330)
81331	Snrpn/Ube3A (Small Nuclear Ribonucleoprotein Polypeptide N And Ubiquitin Protein Ligase E3A) (Eg, Prader-Willi Syndrome And/Or Angelman Syndrome), Methylation Analysis
81332	SERPINA1 (serpin peptidase inhibitor, clade A, alpha-1 antiproteinase, antitrypsin, member 1) (eg, alpha-1-antitrypsin deficiency), gene analysis, common variants (eg, *S and *Z)
81333	TGFBI (transforming growth factor beta-induced) (eg, corneal dystrophy) gene analysis, common variants (eg, R124H, R124C, R124L, R555W, R555Q)
81334	RUNX1 (runt related transcription factor 1) (eg, acute myeloid leukemia, familial platelet disorder with associated myeloid malignancy), gene analysis, targeted sequence analysis (eg, exons 3-8)
81335	TPMT (thiopurine S-methyltransferase) (eg, drug metabolism), gene analysis, common variants (eg, *2, *3)
81336	SMN1 (survival of motor neuron 1, telomeric) (eg, spinal muscular atrophy) gene analysis; full gene sequence

81337	SMN1 (survival of motor neuron 1, telomeric) (eg, spinal muscular atrophy) gene analysis; known familial sequence variant(s)
81338	MPL (MPL proto-oncogene, thrombopoietin receptor) (eg, myeloproliferative disorder) gene analysis; common variants (eg, W515A, W515K, W515L, W515R)
81339	MPL (MPL proto-oncogene, thrombopoietin receptor) (eg, myeloproliferative disorder) gene analysis; sequence analysis, exon 10
81340	TRB@ (T cell antigen receptor, beta) (eg, leukemia and lymphoma), gene rearrangement analysis to detect abnormal clonal population(s); using amplification methodology (eg, polymerase chain reaction)
81341	TRB@ (T cell antigen receptor, beta) (eg, leukemia and lymphoma), gene rearrangement analysis to detect abnormal clonal population(s); using direct probe methodology (eg, Southern blot)
81342	Trg@ (T Cell Antigen Receptor, Gamma) (Eg, Leukemia And Lymphoma), Gene Rearrangement Analysis, Evaluation To Detect Abnormal Clonal Population(S)
81343	PPP2R2B (protein phosphatase 2 regulatory subunit Bbeta) (eg, spinocerebellar ataxia) gene analysis, evaluation to detect abnormal (eg, expanded) alleles
81344	TBP (TATA box binding protein) (eg, spinocerebellar ataxia) gene analysis, evaluation to detect abnormal (eg, expanded) alleles
81345	TERT (telomerase reverse transcriptase) (eg, thyroid carcinoma, glioblastoma multiforme) gene analysis, targeted sequence analysis (eg, promoter region)
81346	TYMS (thymidylate synthetase) (eg, 5-fluorouracil/5-FU drug metabolism), gene analysis, common variant(s) (eg, tandem repeat variant)
81347	SF3B1 (splicing factor [3b] subunit B1) (eg, myelodysplastic syndrome/acute myeloid leukemia) gene analysis, common variants (eg, A672T, E622D, L833F, R625C, R625L)
81348	SRSF2 (serine and arginine-rich splicing factor 2) (eg, myelodysplastic syndrome, acute myeloid leukemia) gene analysis, common variants (eg, P95H, P95L)
81349	Cytogenomic (genome-wide) analysis for constitutional chromosomal abnormalities; interrogation of genomic regions for copy number and loss-of-heterozygosity variants, low-pass sequencing analysis
81350	UGT1A1 (UDP glucuronosyltransferase 1 family, polypeptide A1) (eg, drug metabolism, hereditary unconjugated hyperbilirubinemia [Gilbert syndrome]) gene analysis, common variants (eg, *28, *36, *37)
81351	TP53 (tumor protein 53) (eg, Li-Fraumeni syndrome) gene analysis; full gene sequence
81352	TP53 (tumor protein 53) (eg, Li-Fraumeni syndrome) gene analysis; targeted sequence analysis (eg, 4 oncology)
81353	TP53 (tumor protein 53) (eg, Li-Fraumeni syndrome) gene analysis; known familial variant
81355	Vkorc1 (Vitamin K Epoxide Reductase Complex, Subunit 1) (Eg, Warfarin Metabolism), Gene Analysis, Common Variants (Eg, -1639/3673)
81357	U2AF1 (U2 small nuclear RNA auxiliary factor 1) (eg, myelodysplastic syndrome, acute myeloid leukemia) gene analysis, common variants (eg, S34F, S34Y, Q157R, Q157P)
81360	ZRSR2 (zinc finger CCCH-type, RNA binding motif and serine/arginine-rich 2) (eg, myelodysplastic syndrome, acute myeloid leukemia) gene analysis, common variant(s) (eg, E65fs, E122fs, R448fs)
81361	HBB (hemoglobin, subunit beta) (eg, sickle cell anemia, beta thalassemia, hemoglobinopathy); common variant(s) (eg, HbS, HbC, HbE)
81362	HBB (hemoglobin, subunit beta) (eg, sickle cell anemia, beta thalassemia, hemoglobinopathy); known familial variant(s)

81363	HBB (hemoglobin, subunit beta) (eg, sickle cell anemia, beta thalassemia, hemoglobinopathy); duplication/deletion variant(s)
81364	HBB (hemoglobin, subunit beta) (eg, sickle cell anemia, beta thalassemia, hemoglobinopathy); full gene sequence
81378	Hla Class I And II Typing, High Resolution (Ie, Alleles Or Allele Groups), Hla-A, -B, -C, And -Drb1
81379	Hla Class I Typing, High Resolution (Ie, Alleles Or Allele Groups); Complete (Ie, Hla-A, -B, And -C)
81380	Hla Class I Typing, High Resolution (Ie, Alleles Or Allele Groups); One Locus (Eg, Hla-A, -B, Or -C), Each
81381	Hla Class I Typing, High Resolution (Ie, Alleles Or Allele Groups); One Allele Or Allele Group (Eg, B*57:01P), Each
81400	MOLECULAR PATHOLOGY PROCEDURE LEVEL 1
81401	MOLECULAR PATHOLOGY PROCEDURE LEVEL 2
81402	MOLECULAR PATHOLOGY PROCEDURE LEVEL 3
81403	MOLECULAR PATHOLOGY PROCEDURE LEVEL 4
81404	MOLECULAR PATHOLOGY PROCEDURE LEVEL 5
81405	MOLECULAR PATHOLOGY PROCEDURE LEVEL 6
81406	MOLECULAR PATHOLOGY PROCEDURE LEVEL 7
81407	MOLECULAR PATHOLOGY PROCEDURE LEVEL 8
81408	Molecular pathology procedure, Level 9 (eg, analysis of >50 exons in a single gene by DNA sequence analysis)
81410	Aortic dysfunction or dilation (eg, Marfan syndrome, Loeys Dietz syndrome, Ehler Danlos syndrome type IV, arterial tortuosity syndrome); genomic sequence analysis panel, must include sequencing of at least 9 genes, including FBN1, TGFBR1, TGFBR2, COL3A1, MYH11, ACTA2, SLC2A10, SMAD3, and MYLK
81411	Aortic dysfunction or dilation (eg, Marfan syndrome, Loeys Dietz syndrome, Ehler Danlos syndrome type IV, arterial tortuosity syndrome); duplication/deletion analysis panel, must include analyses for TGFBR1, TGFBR2, MYH11, and COL3A1
81412	Ashkenazi Jewish associated disorders (eg, Bloom syndrome, Canavan disease, cystic fibrosis, familial dysautonomia, Fanconi anemia group C, Gaucher disease, Tay-Sachs disease), genomic sequence analysis panel, must include sequencing of at least 9 genes, including ASPA, BLM, CFTR, FANCC, GBA, HEXA, IKBKAP, MCOLN1, and SMPD1
81413	Cardiac ion channelopathies (eg, Brugada syndrome, long QT syndrome, short QT syndrome, catecholaminergic polymorphic ventricular tachycardia); genomic sequence analysis panel, must include sequencing of at least 10 genes, including ANK2, CASQ2, CAV3, KCNE1, KCNE2, KCNH2, KCNJ2, KCNQ1, RYR2, and SCN5A
81414	Cardiac ion channelopathies (eg, Brugada syndrome, long QT syndrome, short QT syndrome, catecholaminergic polymorphic ventricular tachycardia); duplication/deletion gene analysis panel, must include analysis of at least 2 genes, including KCNH2 and KCNQ1
81415	Exome (eg, unexplained constitutional or heritable disorder or syndrome); sequence analysis
81416	Exome (eg, unexplained constitutional or heritable disorder or syndrome); sequence analysis, each comparator exome (eg, parents, siblings) (List separately in addition to code for primary procedure)
81417	Exome (eg, unexplained constitutional or heritable disorder or syndrome); re-evaluation of previously obtained exome sequence (eg, updated knowledge or unrelated condition/syndrome)

81418	Drug metabolism (eg, pharmacogenomics) genomic sequence analysis panel, must include testing of at least 6 genes, including CYP2C19, CYP2D6, and CYP2D6 duplication/deletion analysis
81419	Epilepsy genomic sequence analysis panel, must include analyses for ALDH7A1, CACNA1A, CDKL5, CHD2, GABRG2, GRIN2A, KCNQ2, MECP2, PCDH19, POLG, PRRT2, SCN1A, SCN1B, SCN2A, SCN8A, SLC2A1, SLC9A6, STXBP1, SYNGAP1, TCF4, TPP1, TSC1, TSC2, and ZEB2
81425	Genome (eg, unexplained constitutional or heritable disorder or syndrome); sequence analysis
81426	Genome (eg, unexplained constitutional or heritable disorder or syndrome); sequence analysis, each comparator genome (eg, parents, siblings) (List separately in addition to code for primary procedure)
81427	Genome (eg, unexplained constitutional or heritable disorder or syndrome); re-evaluation of previously obtained genome sequence (eg, updated knowledge or unrelated condition/syndrome)
81430	Hearing loss (eg, nonsyndromic hearing loss, Usher syndrome, Pendred syndrome); genomic sequence analysis panel, must include sequencing of at least 60 genes, including CDH23, CLRN1, GJB2, GPR98, MTRNR1, MYO7A, MYO15A, PCDH15, OTOF, SLC26A4, TMC1, TMPRSS3, USH1C, USH1G, USH2A, and WFS1
81431	Hearing loss (eg, nonsyndromic hearing loss, Usher syndrome, Pendred syndrome); duplication/deletion analysis panel, must include copy number analyses for STRC and DFNB1 deletions in GJB2 and GJB6 genes
81432	Hereditary breast cancer-related disorders (eg, hereditary breast cancer, hereditary ovarian cancer, hereditary endometrial cancer, hereditary pancreatic cancer, hereditary prostate cancer), genomic sequence analysis panel, 5 or more genes, interrogation for sequence variants and copy number variants
81433	Hereditary breast cancer-related disorders (eg, hereditary breast cancer, hereditary ovarian cancer, hereditary endometrial cancer); duplication/deletion analysis panel, must include analyses for BRCA1, BRCA2, MLH1, MSH2, and STK11
81434	Hereditary retinal disorders (eg, retinitis pigmentosa, Leber congenital amaurosis, cone-rod dystrophy), genomic sequence analysis panel, must include sequencing of at least 15 genes, including ABCA4, CNGA1, CRB1, EYS, PDE6A, PDE6B, PRPF31, PRPH2, RDH12, RHO, RP1, RP2, RPE65, RPGR, and USH2A
81435	Hereditary colon cancer-related disorders (eg, Lynch syndrome, PTEN hamartoma syndrome, Cowden syndrome, familial adenomatosis polyposis), genomic sequence analysis panel, 5 or more genes, interrogation for sequence variants and copy number variants
81436	Hereditary colon cancer disorders (eg, Lynch syndrome, PTEN hamartoma syndrome, Cowden syndrome, familial adenomatosis polyposis); duplication/deletion analysis panel, must include analysis of at least 5 genes, including MLH1, MSH2, EPCAM, SMAD4, and STK11
81437	Hereditary neuroendocrine tumor-related disorders (eg, medullary thyroid carcinoma, parathyroid carcinoma, malignant pheochromocytoma or paraganglioma), genomic sequence analysis panel, 5 or more genes, interrogation for sequence variants and copy number variants
81438	Hereditary neuroendocrine tumor disorders (eg, medullary thyroid carcinoma, parathyroid carcinoma, malignant pheochromocytoma or paraganglioma); duplication/deletion analysis panel, must include analyses for SDHB, SDHC, SDHD, and VHL
81439	Hereditary cardiomyopathy (eg, hypertrophic cardiomyopathy, dilated cardiomyopathy, arrhythmogenic right ventricular cardiomyopathy), genomic sequence analysis panel, must include sequencing of at least 5 cardiomyopathy-related genes (eg, DSG2, MYBPC3, MYH7, PKP2, TTN)

81440	Nuclear encoded mitochondrial genes (eg, neurologic or myopathic phenotypes), genomic sequence panel, must include analysis of at least 100 genes, including BCS1L, C10orf2, COQ2, COX10, DGUOK, MPV17, OPA1, PDSS2, POLG, POLG2, RRM2B, SCO1, SCO2, SLC25A4, SUCLA2, SUCLG1, TAZ, TK2, and TYMP
81441	Inherited bone marrow failure syndromes (IBMFS) (eg, Fanconi anemia, dyskeratosis congenita, Diamond-Blackfan anemia, Shwachman-Diamond syndrome, GATA2 deficiency syndrome, congenital amegakaryocytic thrombocytopenia) sequence analysis panel, must include sequencing of at least 30 genes, including BRCA2, BRIP1, DKC1, FANCA, FANCB, FANCC, FANCD2, FANCE, FANCF, FANCG, FANCI, FANCL, GATA1, GATA2, MPL, NHP2, NOP10, PALB2, RAD51C, RPL11, RPL35A, RPL5, RPS10, RPS19, RPS24, RPS26, RPS7, SBDS, TERT, and TINF2
81442	Noonan spectrum disorders (eg, Noonan syndrome, cardio-facio-cutaneous syndrome, Costello syndrome, LEOPARD syndrome, Noonan-like syndrome), genomic sequence analysis panel, must include sequencing of at least 12 genes, including BRAF, CBL, HRAS, KRAS, MAP2K1, MAP2K2, NRAS, PTPN11, RAF1, RIT1, SHOC2, and SOS1
81443	Genetic testing for severe inherited conditions (eg, cystic fibrosis, Ashkenazi Jewish-associated disorders [eg, Bloom syndrome, Canavan disease, Fanconi anemia type C, mucopolipidosis type VI, Gaucher disease, Tay-Sachs disease], beta hemoglobinopathies, phenylketonuria, galactosemia), genomic sequence analysis panel, must include sequencing of at least 15 genes (eg, ACADM, ARSA, ASPA, ATP7B, BCKDHA, BCKDHB, BLM, CFTR, DHCR7, FANCC, G6PC, GAA, GALT, GBA, GBE1, HBB, HEXA, IKBKAP, MCOLN1, PAH)
81445	Solid organ neoplasm, genomic sequence analysis panel, 5-50 genes, interrogation for sequence variants and copy number variants or rearrangements, if performed; DNA analysis or combined DNA and RNA analysis
81448	Hereditary peripheral neuropathies (eg, Charcot-Marie-Tooth, spastic paraplegia), genomic sequence analysis panel, must include sequencing of at least 5 peripheral neuropathy-related genes (eg, BSCL2, GJB1, MFN2, MPZ, REEP1, SPAST, SPG11, SPTLC1)
81449	Solid organ neoplasm, genomic sequence analysis panel, 5-50 genes, interrogation for sequence variants and copy number variants or rearrangements, if performed; RNA analysis
81450	Hematolymphoid neoplasm or disorder, genomic sequence analysis panel, 5-50 genes, interrogation for sequence variants, and copy number variants or rearrangements, or isoform expression or mRNA expression levels, if performed; DNA analysis or combined DNA and RNA analysis
81451	Hematolymphoid neoplasm or disorder, genomic sequence analysis panel, 5-50 genes, interrogation for sequence variants, and copy number variants or rearrangements, or isoform expression or mRNA expression levels, if performed; RNA analysis
81455	Solid organ or hematolymphoid neoplasm or disorder, 51 or greater genes, genomic sequence analysis panel, interrogation for sequence variants and copy number variants or rearrangements, or isoform expression or mRNA expression levels, if performed; DNA analysis or combined DNA and RNA analysis
81456	Solid organ or hematolymphoid neoplasm or disorder, 51 or greater genes, genomic sequence analysis panel, interrogation for sequence variants and copy number variants or rearrangements, or isoform expression or mRNA expression levels, if performed; RNA analysis
81457	Solid organ neoplasm, genomic sequence analysis panel, interrogation for sequence variants; DNA analysis, microsatellite instability
81458	Solid organ neoplasm, genomic sequence analysis panel, interrogation for sequence variants; DNA analysis, copy number variants and microsatellite instability

81459	Solid organ neoplasm, genomic sequence analysis panel, interrogation for sequence variants; DNA analysis or combined DNA and RNA analysis, copy number variants, microsatellite
81460	Whole mitochondrial genome (eg, Leigh syndrome, mitochondrial encephalomyopathy, lactic acidosis, and stroke-like episodes [MELAS], myoclonic epilepsy with ragged-red fibers [MERFF], neuropathy, ataxia, and retinitis pigmentosa [NARP], Leber hereditary optic neuropathy [LHON]), genomic sequence, must include sequence analysis of entire mitochondrial genome with heteroplasmy detection
81462	Solid organ neoplasm, genomic sequence analysis panel, cell-free nucleic acid (eg, plasma), interrogation for sequence variants; DNA analysis or combined DNA and RNA analysis, copy number variants and rearrangements
81463	Solid organ neoplasm, genomic sequence analysis panel, cell-free nucleic acid (eg, plasma), interrogation for sequence variants; DNA analysis, copy number variants, and microsatellite instability
81464	Solid organ neoplasm, genomic sequence analysis panel, cell-free nucleic acid (eg, plasma), interrogation for sequence variants; DNA analysis or combined DNA and RNA analysis, copy number variants, microsatellite instability, tumor mutation burden, and rearrangements
81465	Whole mitochondrial genome large deletion analysis panel (eg, Kearns-Sayre syndrome, chronic progressive external ophthalmoplegia), including heteroplasmy detection, if performed
81470	X-linked intellectual disability (XLID) (eg, syndromic and non-syndromic XLID); genomic sequence analysis panel, must include sequencing of at least 60 genes, including ARX, ATRX, CDKL5, FGD1, FMR1, HUWE1, IL1RAPL, KDM5C, L1CAM, MECP2, MED12, MID1, OCRL, RPS6KA3, and SLC16A2
81471	X-linked intellectual disability (XLID) (eg, syndromic and non-syndromic XLID); duplication/deletion gene analysis, must include analysis of at least 60 genes, including ARX, ATRX, CDKL5, FGD1, FMR1, HUWE1, IL1RAPL, KDM5C, L1CAM, MECP2, MED12, MID1, OCRL, RPS6KA3, and SLC16A2
81479	Unlisted molecular pathology procedure
81490	Autoimmune (rheumatoid arthritis), analysis of 12 biomarkers using immunoassays, utilizing serum, prognostic algorithm reported as a disease activity score
81493	Coronary artery disease, mRNA, gene expression profiling by real-time RT-PCR of 23 genes, utilizing whole peripheral blood, algorithm reported as a risk score
81504	Oncology (tissue of origin), microarray gene expression profiling of > 2000 genes, utilizing formalin-fixed paraffin-embedded tissue, algorithm reported as tissue similarity scores
81506	Endocrinology, Biochemical Assays Of Seven Analytes Utilizing Serum Or Plasma, Algorithm Reporting A Risk Score
81517	Liver disease, analysis of 3 biomarkers (hyaluronic acid [HA], procollagen III amino terminal peptide [PIIINP], tissue inhibitor of metalloproteinase 1 [TIMP-1]), using immunoassays, utilizing serum, prognostic algorithm reported as a risk score and risk of liver fibrosis and liver-related clinical events within 5 years
81518	Oncology (breast), mRNA, gene expression profiling by real-time RT-PCR of 11 genes (7 content and 4 housekeeping), utilizing formalin-fixed paraffin-embedded tissue, algorithms reported as percentage risk for metastatic recurrence and likelihood of benefit from extended endocrine therapy
81519	Oncology (breast), mRNA, gene expression profiling by real-time RT-PCR of 21 genes, utilizing formalin-fixed paraffin embedded tissue, algorithm reported as recurrence score

81520	Oncology (breast), mRNA gene expression profiling by hybrid capture of 58 genes (50 content and 8 housekeeping), utilizing formalin-fixed paraffin-embedded tissue, algorithm reported as a recurrence risk score
81521	Oncology (breast), mRNA, microarray gene expression profiling of 70 content genes and 465 housekeeping genes, utilizing fresh frozen or formalin-fixed paraffin-embedded tissue, algorithm reported as index related to risk of distant metastasis
81522	Oncology (breast), mRNA, gene expression profiling by RT-PCR of 12 genes (8 content and 4 housekeeping), utilizing formalin-fixed paraffin-embedded tissue, algorithm reported as recurrence risk score
81523	Oncology (breast), mRNA, next-generation sequencing gene expression profiling of 70 content genes and 31 housekeeping genes, utilizing formalin-fixed paraffin-embedded tissue, algorithm reported as index related to risk to distant metastasis
81525	Oncology (colon), mRNA, gene expression profiling by real-time RT-PCR of 12 genes (7 content and 5 housekeeping), utilizing formalin-fixed paraffin-embedded tissue, algorithm reported as a recurrence score
81529	Oncology (cutaneous melanoma), mRNA, gene expression profiling by real-time RT-PCR of 31 genes (28 content and 3 housekeeping), utilizing formalin-fixed paraffin-embedded tissue, algorithm reported as recurrence risk, including likelihood of sentinel lymph node metastasis
81535	Oncology (gynecologic), live tumor cell culture and chemotherapeutic response by DAPI stain and morphology, predictive algorithm reported as a drug response score; first single drug or drug combination
81538	Oncology (lung), mass spectrometric 8-protein signature, including amyloid A, utilizing serum, prognostic and predictive algorithm reported as good versus poor overall survival
81540	Oncology (tumor of unknown origin), mRNA, gene expression profiling by real-time RT-PCR of 92 genes (87 content and 5 housekeeping) to classify tumor into main cancer type and subtype, utilizing formalin-fixed paraffin-embedded tissue, algorithm reported as a probability of a predicted main cancer type and subtype
81541	Oncology (prostate), mRNA gene expression profiling by real-time RT-PCR of 46 genes (31 content and 15 housekeeping), utilizing formalin-fixed paraffin-embedded tissue, algorithm reported as a disease-specific mortality risk score
81542	Oncology (prostate), mRNA, microarray gene expression profiling of 22 content genes, utilizing formalin-fixed paraffin-embedded tissue, algorithm reported as metastasis risk score
81545	Oncology (thyroid), gene expression analysis of 142 genes, utilizing fine needle aspirate, algorithm reported as a categorical result (eg, benign or suspicious)
81546	Oncology (thyroid), mRNA, gene expression analysis of 10,196 genes, utilizing fine needle aspirate, algorithm reported as a categorical result (eg, benign or suspicious)
81551	Oncology (prostate), promoter methylation profiling by real-time PCR of 3 genes (GSTP1, APC, RASSF1), utilizing formalin-fixed paraffin-embedded tissue, algorithm reported as a likelihood of prostate cancer detection on repeat biopsy
81552	Oncology (uveal melanoma), mRNA, gene expression profiling by real-time RT-PCR of 15 genes (12 content and 3 housekeeping), utilizing fine needle aspirate or formalin-fixed paraffin-embedded tissue, algorithm reported as risk of metastasis
81554	Pulmonary disease (idiopathic pulmonary fibrosis [IPF]), mRNA, gene expression analysis of 190 genes, utilizing transbronchial biopsies, diagnostic algorithm reported as categorical result (eg, positive or negative for high probability of usual interstitial pneumonia [UIP])

81560	Transplantation medicine (allograft rejection, pediatric liver and small bowel), measurement of donor and third-party-induced CD154+T-cytotoxic memory cells, utilizing whole peripheral blood, algorithm reported as a rejection risk score
81595	Cardiology (heart transplant), mRNA, gene expression profiling by real-time quantitative PCR of 20 genes (11 content and 9 housekeeping), utilizing subfraction of peripheral blood, algorithm reported as a rejection risk score
81596	Infectious disease, chronic hepatitis C virus (HCV) infection, six biochemical assays (ALT, A2-macroglobulin, apolipoprotein A-1, total bilirubin, GGT, and haptoglobin) utilizing serum, prognostic algorithm reported as scores for fibrosis and necroinflammatory activity in liver
81599	Unlisted Multianalyte Assay With Algorithmic Analysis
82787	Gammaglobulin (immunoglobulin); immunoglobulin subclasses (eg, IgG1, 2, 3, or 4), each
83516	Immunoassay for analyte other than infectious agent antibody or infectious agent antigen; qualitative or semiquantitative, multiple step method
83520	Immunoassay for analyte other than infectious agent antibody or infectious agent antigen; quantitative, not otherwise specified
86001	Allergen Specific IgG Quantitative/Semiquantitative, Ea Allergen
86343	Leukocyte Histamine Release Test (Lhr)
86352	Cellular function assay involving stimulation (eg, mitogen or antigen) and detection of biomarker (eg, ATP)
86357	Natural killer (NK) cells, total count
88356	Morphometric Analysis; Nerve
89250	Culture, Oocyte(S)
89251	Culture & Fertilization, Oocyte(S); W/Co-Culture
89253	Assisted Embryo Hatching, Microtechniques (Any Method)
89254	Oocyte Identification, Follicular Fluid
89255	Preparation, Embryo, Transfer (Any Method)
89268	Insemination of Oocytes
89272	Extended Culture of Oocyte(s)/Embryo(s), 4-7 Days
89329	Sperm Evaluation; Hamster Penetration Test
89330	Sperm Evaluation; Cervical Mucus Penetration Test, W/Wo Spinnbarkeit Test
89344	Storage, (Per Year); Reproductive Tissue, Testicular/Ovarian
89346	Storage, (Per Year); Oocyte
89354	Thawing of Cryopreserved; Reproductive Tissue, Testicular/Ovarian
89356	Thawing of Cryopreserved; Oocytes, Each Aliquot
90281	Immune Globulin (Ig), Human, Im Use
90283	Immune Globulin (IgIV), Human, Iv Use
90284	Immune globulin (SCIg), human, for use in subcutaneous infusions, 100mg, each
90378	Respiratory syncytial virus, monoclonal antibody, recombinant, for intramuscular use, 50 mg, each
90380	Respiratory syncytial virus, monoclonal antibody, seasonal dose; 0.5 mL dosage, for intramuscular use
90381	Respiratory syncytial virus, monoclonal antibody, seasonal dose; 1 mL dosage, for intramuscular use
90867	Therapeutic repetitive transcranial magnetic stimulation (TMS) treatment; initial, including cortical mapping, motor threshold determination, delivery and management

90868	Therapeutic repetitive transcranial magnetic stimulation (TMS) treatment; subsequent delivery and management, per session
90869	Therapeutic Repetitive Transcranial Magnetic Stimulation (Tms) Treatment; Subsequent Motor Threshold Re-Determination With Delivery And Management
90875	Individual psychophysiological therapy incorporating biofeedback training by any modality (face-to-face with the patient), with psychotherapy (eg, insight oriented, behavior modifying or supportive psychotherapy); 30 minutes
90876	Individual psychophysiological therapy incorporating biofeedback training by any modality (face-to-face with the patient), with psychotherapy (eg, insight oriented, behavior modifying or supportive psychotherapy); 45 minutes
90901	Biofeedback Training, Any Modality
90912	Biofeedback training, perineal muscles, anorectal or urethral sphincter, including EMG and/or manometry, when performed; initial 15 minutes of one-on-one physician or other qualified health care professional contact with the patient
90913	Biofeedback training, perineal muscles, anorectal or urethral sphincter, including EMG and/or manometry, when performed; each additional 15 minutes of one-on-one physician or other qualified health care professional contact with the patient (List separately in addition to code for primary procedure)
91112	Gastrointestinal transit and pressure measurement, stomach through colon, wireless capsule, with interpretation and report
92507	Treatment of speech, language, voice, communication, and/or auditory processing disorder; individual
92508	Treatment of speech, language, voice, communication, and/or auditory processing disorder; group, 2 or more individuals
92521	Evaluation of speech fluency (eg, stuttering, cluttering)
92522	Evaluation of speech sound production (eg, articulation, phonological process, apraxia, dysarthria)
92523	Evaluation of speech sound production (eg, articulation, phonological process, apraxia, dysarthria); with evaluation of language comprehension and expression (eg, receptive and expressive language)
92524	Behavioral and qualitative analysis of voice and resonance
92526	Treatment, Swallowing Dysfunction &/Or Oral Function, Feeding
92605	Evaluation for prescription of non-speech-generating augmentative and alternative communication device, face-to-face with the patient; first hour
92606	Therapeutic Service(S), Use Non-Speech Generatiing Device, W/Programming & Modification
92607	Eval, Prescription, Speech-Generating Augmentative & Alternative Communication Device; 1st Hr
92608	Eval, Prescrip, Speech-Generating Augmentative & Alternative Communication Device; Ea Add'l 30 Min
92609	Therapeutic Services, Non-Speech Generative Device Use, W/Programming & Modification
92610	Eval, Oral & Pharyngeal Swallow Function
92611	Motion Fluoroscopic Eval, Swallow Function, Cine/Video Record
92618	Evaluation for prescription of non-speech-generating augmentative and alternative communication device, face-to-face with the patient; each additional 30 minutes (List separately in addition to code for primary procedure)

92626	Evaluation of auditory function for surgically implanted device(s) candidacy or postoperative status of a surgically implanted device(s); first hour
92627	Evaluation of auditory function for surgically implanted device(s) candidacy or postoperative status of a surgically implanted device(s); each additional 15 minutes (List separately in addition to code for primary procedure)
92630	Auditory rehabilitation; pre-lingual hearing loss
92633	Auditory rehabilitation; post-lingual hearing loss
92920	Percutaneous transluminal coronary angioplasty; single major coronary artery or branch
92924	Percutaneous transluminal coronary atherectomy, with coronary angioplasty when performed; single major coronary artery or branch
92928	Percutaneous transcatheter placement of intracoronary stent(s), with coronary angioplasty when performed; single major coronary artery or branch
92933	Percutaneous transluminal coronary atherectomy, with intracoronary stent, with coronary angioplasty when performed; single major coronary artery or branch
92937	Percutaneous transluminal revascularization of or through coronary artery bypass graft (internal mammary, free arterial, venous), any combination of intracoronary stent, atherectomy and angioplasty, including distal protection when performed; single vessel
92943	Percutaneous transluminal revascularization of chronic total occlusion, coronary artery, coronary artery branch, or coronary artery bypass graft, any combination of intracoronary stent, atherectomy and angioplasty; single vessel
92972	Percutaneous transluminal coronary lithotripsy (List separately in addition to code for primary procedure)
93150	Therapy activation of implanted phrenic nerve stimulator system, including all interrogation and programming
93151	Interrogation and programming (minimum one parameter) of implanted phrenic nerve stimulator system
93152	Interrogation and programming of implanted phrenic nerve stimulator system during polysomnography
93153	Interrogation without programming of implanted phrenic nerve stimulator system
93228	External mobile cardiovascular telemetry with electrocardiographic recording, concurrent computerized real time data analysis and greater than 24 hours of accessible ECG data
93229	External mobile cardiovascular telemetry with electrocardiographic recording, concurrent computerized real time data analysis and greater than 24 hours of accessible ECG data
93264	Remote monitoring of a wireless pulmonary artery pressure sensor for up to 30 days, including at least weekly downloads of pulmonary artery pressure recordings, interpretation
93303	Transthoracic Echocardiography, Congenital Cardiac Anomalies; Complete
93304	Transthoracic Echocardiography, Congenital Cardiac Anomalies; Follow-Up/Limited Study
93306	Echocardiography, transthoracic, real-time with image documentation (2D), includes M-mode recording, when performed, complete, with spectral Doppler echocardiography, and with color flow Doppler echocardiography
93307	Echocardiography, transthoracic, real-time with image documentation (2D), includes M-mode recording, when performed, complete, without spectral or color Doppler echocardiography
93308	Echocardiography, transthoracic, real-time with image documentation (2D), includes M-mode recording, when performed, follow-up or limited study
93312	Echocardiography, transesophageal, real-time with image documentation (2D) (with or without M-mode recording); including probe placement, image acquisition, interpretation and report

93313	Echocardiography, transesophageal, real-time with image documentation (2D) (with or without M-mode recording); placement of transesophageal probe only
93314	Echocardiography, transesophageal, real-time with image documentation (2D) (with or without M-mode recording); image acquisition, interpretation and report only
93315	Echocardiography, Transesophageal, Congenital Anomalies; W/Probe, Image, Intepretation & Report
93316	Echocardiography, Transesophageal, Congenital Anomalies; Transesophageal Probe Placement Only
93317	Echocardiography, Transesophageal, Congenital Anomalies; Image, Interpretation & Report
93350	Echocardiography, transthoracic, real-time with image documentation (2D), includes M-mode recording, when performed, during rest and cardiovascular stress test using treadmill, bicycle exercise and/or pharmacologically induced stress, with interpretation and report;
93351	Echocardiography, transthoracic, real-time with image documentation (2D), includes M-mode recording, when performed, during rest and cardiovascular stress test using treadmill, bicycle exercise and/or pharmacologically induced stress, with interpretation and report; including performance of continuous electrocardiographic monitoring, with supervision by a physician or other qualified health care professional
93454	Catheter placement in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for coronary angiography, imaging supervision and interpretation;
93455	Catheter placement in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for coronary angiography, imaging supervision and interpretation; with catheter placement(s) in bypass graft(s) (internal mammary, free arterial, venous grafts) including intraprocedural injection(s) for bypass graft angiography
93456	Catheter placement in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for coronary angiography, imaging supervision and interpretation; with right heart catheterization
93457	Catheter placement in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for coronary angiography, imaging supervision and interpretation; with catheter placement(s) in bypass graft(s) (internal mammary, free arterial, venous grafts) including intraprocedural injection(s) for bypass graft angiography and right heart catheterization
93458	Catheter placement in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for coronary angiography, imaging supervision and interpretation; with left heart catheterization including intraprocedural injection(s) for left ventriculography, when performed
93459	Catheter placement in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for coronary angiography, imaging supervision and interpretation; with left heart catheterization including intraprocedural injection(s) for left ventriculography, when performed, catheter placement(s) in bypass graft(s) (internal mammary, free arterial, venous grafts) with bypass graft angiography
93460	Catheter placement in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for coronary angiography, imaging supervision and interpretation; with right and left heart catheterization including intraprocedural injection(s) for left ventriculography, when performed
93461	Catheter placement in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for coronary angiography, imaging supervision and interpretation; with right and left heart catheterization including intraprocedural injection(s) for left ventriculography, when

	performed, catheter placement(s) in bypass graft(s) (internal mammary, free arterial, venous grafts) with bypass graft angiography
93580	Perc Transcatheter Closure, Congenital Interatrial Communication W/Implant
93600	Bundle Of His Recording
93602	Intra-Atrial Recording
93603	Right Ventricular Recording
93609	Intraventricular &/Or Intra-Atrial Mapping, Tachycardia Site(S) W/Catheter Manipulation
93613	Intracardiac Electrophysiologic 3-Dimensional Mapping
93619	Electrophys Eval, W/Right Atrial/Ventricular Pace/Recording, Insertion Cath, W/O Arrhyth Induction
93620	Electrophys Eval, Insert Cath, W/Arrhyth Induction; W/Right Atrial/Ventricular Pace/Record
93621	Electrophys Eval, Insert Cath, W/Arrhyth Induction; W/Lt Atrial Pace/Record
93622	Electrophys Eval, Insert Cath, W/Arrhythmia Induction; W/Lt Vent Pace/Record
93624	Electrophys, Follow-Up Study W/Pacing & Recording W/Arrhyth Induction
93640	Electrophys Eval, Single/Dual Pacing Cardio/Defib Leads, Initial Implant/Replace
93641	Electrophys Eval, Single/Dual Pacing Cardio/Defib Leads, Initial Implant/Replace; W/Pulse Generator
93650	Intracardiac Catheter Ablation, Atrioventricular Node Function/Conduction
93653	Comprehensive electrophysiologic evaluation with insertion and repositioning of multiple electrode catheters, induction or attempted induction of an arrhythmia with right atrial pacing and recording and catheter ablation of arrhythmogenic focus, including intracardiac electrophysiologic 3-dimensional mapping, right ventricular pacing and recording, left atrial pacing and recording from coronary sinus or left atrium, and His bundle recording, when performed; with treatment of supraventricular tachycardia by ablation of fast or slow atrioventricular pathway, accessory atrioventricular connection, cavo-tricuspid isthmus or other single atrial focus or source of atrial re-entry
93654	Comprehensive electrophysiologic evaluation with insertion and repositioning of multiple electrode catheters, induction or attempted induction of an arrhythmia with right atrial pacing and recording and catheter ablation of arrhythmogenic focus, including intracardiac electrophysiologic 3-dimensional mapping, right ventricular pacing and recording, left atrial pacing and recording from coronary sinus or left atrium, and His bundle recording, when performed; with treatment of ventricular tachycardia or focus of ventricular ectopy including left ventricular pacing and recording, when performed
93655	Intracardiac catheter ablation of a discrete mechanism of arrhythmia which is distinct from the primary ablated mechanism, including repeat diagnostic maneuvers, to treat a spontaneous or induced arrhythmia (List separately in addition to code for primary procedure)
93656	Comprehensive electrophysiologic evaluation with transseptal catheterizations, insertion and repositioning of multiple electrode catheters, induction or attempted induction of an arrhythmia including left or right atrial pacing/recording, and intracardiac catheter ablation of atrial fibrillation by pulmonary vein isolation, including intracardiac electrophysiologic 3-dimensional mapping, intracardiac echocardiography with imaging supervision and interpretation, right ventricular pacing/recording, and His bundle recording, when performed
93657	Additional linear or focal intracardiac catheter ablation of the left or right atrium for treatment of atrial fibrillation remaining after completion of pulmonary vein isolation (List separately in addition to code for primary procedure)
93702	Bioimpedance spectroscopy (BIS), extracellular fluid analysis for lymphedema assessment(s)

93745	Initial set-up and programming by a physician or other qualified health care professional of wearable cardioverter-defibrillator includes initial programming of system, establishing baseline electronic ECG, transmission of data to data repository, patient instruction in wearing system and patient reporting of problems or events
93880	Duplex Scan, Extracranial Arteries; Complete Bilat Study
93882	Duplex Scan, Extracranial Arteries; Unilat/Limited Study
93922	Limited bilateral noninvasive physiologic studies of upper or lower extremity arteries (eg, for lower extremity: ankle/brachial indices at distal posterior tibial and anterior
93923	Complete bilateral noninvasive physiologic studies of upper or lower extremity arteries, 3 or more levels (eg, for lower extremity: ankle/brachial indices at distal posterior
93924	Noninvasive physiologic studies of lower extremity arteries, at rest and following treadmill stress testing, (ie, bidirectional Doppler waveform or volume plethysmography recording and analysis at rest with ankle/brachial indices immediately after and at timed intervals following performance of a standardized protocol on a motorized treadmill plus recording of time of onset of claudication or other symptoms, maximal walking time, and time to recovery) complete bilateral study
93925	Duplex Scan, Lower Extremity Arteries/Arterial Bypass Grafts; Complete Bilat Study
93926	Duplex Scan, Lower Extremity Arteries/Arterial Bypass Grafts; Unilat/Limited Study
93930	Duplex Scan, Upper Extremity Arteries/Arterial Bypass Grafts; Complete Bilat Study
93931	Duplex Scan, Upper Extremity Arteries/Arterial Bypass Grafts; Unilat/Limited Study
93978	Duplex Scan, Aorta, Inferior Vena Cava, Iliac Vasculature/Bypass Grafts; Complete Study
93979	Duplex Scan, Aorta, Inferior Vena Cava, Iliac Vasculature/Bypass Grafts; Unilat/Limited
94667	Chest Wall Manipulation, Facilitate Lung Function; Initial Demo &/Or Eval
94668	Chest Wall Manipulation, Facilitate Lung Function; Subsequent
95782	Polysomnography; younger than 6 years, sleep staging with 4 or more additional parameters of sleep, attended by a technologist
95783	Polysomnography; younger than 6 years, sleep staging with 4 or more additional parameters of sleep, with initiation of continuous positive airway pressure therapy or bi-level
95800	Sleep study, unattended, simultaneous recording; heart rate, oxygen saturation, respiratory analysis (eg, by airflow or peripheral arterial tone), and sleep time
95801	Sleep study, unattended, simultaneous recording; minimum of heart rate, oxygen saturation, and respiratory analysis (eg, by airflow or peripheral arterial tone)
95803	Actigraphy testing, recording, analysis, interpretation, and report (minimum of 72 hours to 14 consecutive days of recording)
95805	Multiple Sleep Latency Test, Multiple Trails
95806	Sleep study, unattended, simultaneous recording of, heart rate, oxygen saturation, respiratory airflow, and respiratory
95807	Sleep Study, Attended
95808	Polysomnography; any age, sleep staging with 1-3 additional parameters of sleep, attended by a technologist
95810	Polysomnography; age 6 years or older, sleep staging with 4 or more additional parameters of sleep, attended by a technologist
95811	Polysomnography; age 6 years or older, 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

95905	Motor and/or sensory nerve conduction, using preconfigured electrode array(s), amplitude and latency/velocity study, each limb, includes F-wave study when performed, with interpretation and report
95965	Magnetoencephalography (Meg), Record & Analysis; For Spontaneous Brain Magnetic Activity
95966	Magnetoencephalography (Meg), Record & Analysis; For Evoked Magnetic Fields, Single Modality
95967	Magnetoencephalography (Meg), Record & Analysis; For Evoked Magnetic Fields, Ea Add'l Modality
95976	Electronic analysis of implanted neurostimulator pulse generator/transmitter (eg, contact group[s], interleaving, amplitude, pulse width, frequency [Hz], on/off cycling, burst, magnet mode, dose lockout, patient selectable parameters, responsive neurostimulation, detection algorithms, closed loop parameters, and passive parameters) by physician or other qualified health care professional; with simple cranial nerve neurostimulator pulse generator/transmitter programming by physician or other qualified health care professional
95977	Electronic analysis of implanted neurostimulator pulse generator/transmitter (eg, contact group[s], interleaving, amplitude, pulse width, frequency [Hz], on/off cycling, burst, magnet mode, dose lockout, patient selectable parameters, responsive neurostimulation, detection algorithms, closed loop parameters, and passive parameters) by physician or other qualified health care professional; with complex cranial nerve neurostimulator pulse generator/transmitter programming by physician or other qualified health care professional
96001	Comprehensive computer-based motion analysis by video-taping and 3D kinematics; with dynamic plantar pressure measurements during walking
96365	Intravenous infusion, for therapy, prophylaxis, or diagnosis (specify substance or drug); initial, up to 1 hour
96372	Therapeutic, prophylactic, or diagnostic injection (specify substance or drug); subcutaneous or intramuscular
96904	Whole body integumentary photography, for monitoring of high risk patients with dysplastic nevus syndrome or a history of dysplastic nevi, or patients with a personal or familial history of melanoma
96931	Reflectance confocal microscopy (RCM) for cellular and sub-cellular imaging of skin; image acquisition and interpretation and report, first lesion
96932	Reflectance confocal microscopy (RCM) for cellular and sub-cellular imaging of skin; image acquisition only, first lesion
96933	Reflectance confocal microscopy (RCM) for cellular and sub-cellular imaging of skin; interpretation and report only, first lesion
97010	Application of a modality to 1 or more areas; hot or cold packs
97012	Application of a modality to 1 or more areas; traction, mechanical
97014	Application of a modality to 1 or more areas; electrical stimulation (unattended)
97016	Application of a modality to 1 or more areas; vasopneumatic devices
97018	Application of a modality to 1 or more areas; paraffin bath
97022	Application of a modality to 1 or more areas; whirlpool
97024	Application of a modality to 1 or more areas; diathermy (eg, microwave)
97026	Application of a modality to 1 or more areas; infrared
97028	Application of a modality to 1 or more areas; ultraviolet
97032	Application, Modality 1+ Areas; Electrical Stimulation (Manual), Each 15 Min
97033	Application of a modality to 1 or more areas; iontophoresis, each 15 minutes

97034	Application, Modality To 1+ Areas; Contrast Baths, Each 15 Min
97035	Application, Modality To 1+ Areas; Ultrasound, Each 15 Min
97036	Application, Modality To 1+ Areas; Hubbard Tank, Each 15 Min
97110	Therapeutic Proc, 1+ Areas, Each 15 Min; Therapeutic Exercises
97112	Therapeutic Proc, 1+ Areas, Each 15 Min; Neuromuscular Reeducation
97113	Therapeutic Proc, 1+ Areas, Each 15 Min; Aquatic Therapy W/Exercises
97116	Therapeutic Proc, 1+ Areas, Each 15 Min; Gait Training (W/Stair Climbing)
97124	Therapeutic Proc, 1+ Areas, Each 15 Min; Massage
97129	Therapeutic interventions that focus on cognitive function (eg, attention, memory, reasoning, executive function, problem solving, and/or pragmatic functioning) and compensatory strategies to manage the performance of an activity (eg, managing time or schedules, initiating, organizing, and sequencing tasks), direct (one-on-one) patient contact; initial 15 minutes
97130	Therapeutic interventions that focus on cognitive function (eg, attention, memory, reasoning, executive function, problem solving, and/or pragmatic functioning) and compensatory strategies to manage the performance of an activity (eg, managing time or schedules, initiating, organizing, and sequencing tasks), direct (one-on-one) patient contact; each additional 15 minutes (List separately in addition to code for primary procedure)
97140	Manual Therapy Techniques, 1+ Regions, Each 15 Min
97150	Therapeutic Proc(S), Group, (2+ Individuals)
97151	Behavior identification assessment, administered by a physician or other qualified health care professional, each 15 minutes of the physician's or other qualified health care professional's time face-to-face with patient and/or guardian(s)/caregiver(s) administering assessments and discussing findings and recommendations, and non-face-to-face analyzing past data, scoring/interpreting the assessment, and preparing the report/treatment plan
97152	Behavior identification-supporting assessment, administered by one technician under the direction of a physician or other qualified health care professional, face-to-face with the patient, each 15 minutes
97153	Adaptive behavior treatment by protocol, administered by technician under the direction of a physician or other qualified health care professional, face-to-face with one patient, each 15 minutes
97154	Group adaptive behavior treatment by protocol, administered by technician under the direction of a physician or other qualified health care professional, face-to-face with two or more patients, each 15 minutes
97155	Adaptive behavior treatment with protocol modification, administered by physician or other qualified health care professional, which may include simultaneous direction of technician, face-to-face with one patient, each 15 minutes
97156	Family adaptive behavior treatment guidance, administered by physician or other qualified health care professional (with or without the patient present), face-to-face with guardian(s)/caregiver(s), each 15 minutes
97157	Multiple-family group adaptive behavior treatment guidance, administered by physician or other qualified health care professional (without the patient present), face-to-face with multiple sets of guardians/caregivers, each 15 minutes
97158	Group adaptive behavior treatment with protocol modification, administered by physician or other qualified health care professional, face-to-face with multiple patients, each 15 minutes
97161	Physical therapy evaluation; low complexity, requiring components

97162	Physical therapy evaluation; moderate complexity requiring components
97163	Physical therapy evaluation; high complexity requiring components
97164	Reevaluation of physical therapy established plan of care requiring components
97165	Occupational therapy evaluation; low complexity requiring components
97166	Occupational therapy evaluation; moderate complexity requiring components
97167	Occupational therapy evaluation; high complexity requiring components
97168	Reevaluation of occupational therapy care/established plan of care requiring components
97530	Therapeutic activities, direct (one-on-one) patient contact (use of dynamic activities to improve functional performance), each 15 minutes
97533	Sensory integrative techniques to enhance sensory processing and promote adaptive responses to environmental demands, direct (one-on-one) patient contact, each 15 minutes
97535	Self-care/home management training (eg, activities of daily living (ADL) and compensatory training, meal preparation, safety procedures, and instructions in use of assistive technology devices/adaptive equipment) direct one-on-one contact, each 15 minutes
97537	Community/work reintegration training (eg, shopping, transportation, money management, avocational activities and/or work environment/modification analysis, work task analysis, use of assistive technology device/adaptive equipment), direct one-on-one contact, each 15 minutes
97542	Wheelchair management (eg, assessment, fitting, training), each 15 minutes
97545	Work Hardening/Conditioning; Initial 2 Hours
97546	Work Hardening/Conditioning; Add'l Hr
97610	Low frequency, non-contact, non-thermal ultrasound, including topical application(s), when performed, wound assessment, and instruction(s) for ongoing care, per day
97750	Physical Performance Test, W/Written Report, Each 15 Min
97755	Assistive technology assessment (eg, to restore, augment or compensate for existing function, optimize functional tasks and/or maximize environmental accessibility), direct one-on-one contact, with written report, each 15 minutes
97760	Orthotic(s) management and training (including assessment and fitting when not otherwise reported), upper extremity(ies), lower extremity(ies) and/or trunk, initial orthotic(s) encounter, each 15 minutes
97761	Prosthetic(s) training, upper and/or lower extremity(ies), initial prosthetic(s) encounter, each 15 minutes
97763	Orthotic(s)/prosthetic(s) management and/or training, upper extremity(ies), lower extremity(ies), and/or trunk, subsequent orthotic(s)/prosthetic(s) encounter, each 15 minutes
99183	Physician or other qualified health care professional attendance and supervision of hyperbaric oxygen therapy, per session
0001M	Infectious disease, chronic hepatitis C virus (HCV) infection, six biochemical assays (ALT, A2-macroglobulin, apolipoprotein A-1, total bilirubin, GGT, and haptoglobin) utilizing serum, prognostic algorithm reported as scores for fibrosis and necroinflammatory activity in liver
0001U	Red blood cell antigen typing, DNA, human erythrocyte antigen gene analysis of 35 antigens from 11 blood groups, utilizing whole blood, common RBC alleles reported
0002M	Liver disease, ten biochemical assays (ALT, A2-macroglobulin, apolipoprotein A-1, total bilirubin, GGT, haptoglobin, AST, glucose, total cholesterol and triglycerides) utilizing serum, prognostic algorithm reported as quantitative scores for fibrosis, steatosis and alcoholic steatohepatitis (ASH)

0003M	Liver disease, ten biochemical assays (ALT, A2-macroglobulin, apolipoprotein A-1, total bilirubin, GGT, haptoglobin, AST, glucose, total cholesterol and triglycerides) utilizing serum, prognostic algorithm reported as quantitative scores for fibrosis, steatosis and nonalcoholic steatohepatitis (NASH)
0005U	Oncology (prostate) gene expression profile by real-time RT-PCR of 3 genes (ERG, PCA3, and SPDEF), urine, algorithm reported as risk score
0006M	Oncology (hepatic), mRNA expression levels of 161 genes, utilizing fresh hepatocellular carcinoma tumor tissue, with alpha-fetoprotein level, algorithm reported as a risk classifier
0007M	Oncology (gastrointestinal neuroendocrine tumors), real-time PCR expression analysis of 51 genes, utilizing whole peripheral blood, algorithm reported as a nomogram of tumor disease index
0007U	Drug test(s), presumptive, with definitive confirmation of positive results, any number of drug classes, urine, includes specimen verification including DNA authentication in comparison to buccal DNA, per date of service
0009M	Fetal aneuploidy (trisomy 21, and 18) DNA sequence analysis of selected regions using maternal plasma, algorithm reported as a risk score for each trisomy
0011M	Oncology, prostate cancer, mRNA expression assay of 12 genes (10 content and 2 housekeeping), RT-PCR test utilizing blood plasma and urine, algorithms to predict high-grade prostate cancer risk
0012M	Oncology (urothelial), mRNA, gene expression profiling by real-time quantitative PCR of five genes (MDK, HOXA13, CDC2 [CDK1], IGFBP5, and CXCR2), utilizing urine, algorithm reported as a risk score for having urothelial carcinoma
0013M	Oncology (urothelial), mRNA, gene expression profiling by real-time quantitative PCR of five genes (MDK, HOXA13, CDC2 [CDK1], IGFBP5, and CXCR2), utilizing urine, algorithm reported as a risk score for having recurrent urothelial carcinoma
0016M	Oncology (bladder), mRNA, microarray gene expression profiling of 219 genes, utilizing formalin-fixed paraffin-embedded tissue, algorithm reported as molecular subtype (luminal, luminal infiltrated, basal, basal claudin-low, neuroendocrine-like)
0016U	Oncology (hematolymphoid neoplasia), RNA, BCR/ABL1 major and minor breakpoint fusion transcripts, quantitative PCR amplification, blood or bone marrow, report of fusion not detected or detected with quantitation
0017M	Oncology (diffuse large B-cell lymphoma [DLBCL]), mRNA, gene expression profiling by fluorescent probe hybridization of 20 genes, formalin-fixed paraffin-embedded tissue, algorithm reported as cell of origin
0017U	Oncology (hematolymphoid neoplasia), JAK2 mutation, DNA, PCR amplification of exons 12-14 and sequence analysis, blood or bone marrow, report of JAK2 mutation not detected or detected
0018M	Transplantation medicine (allograft rejection, renal), measurement of donor and third-party-induced CD154+T-cytotoxic memory cells, utilizing whole peripheral blood, algorithm reported as a rejection risk score
0018U	Oncology (thyroid), microRNA profiling by RT-PCR of 10 microRNA sequences, utilizing fine needle aspirate, algorithm reported as a positive or negative result for moderate to high risk of malignancy
0019T	Extracorporeal shock wave involving musculoskeletal system, not otherwise specified, low energy

0019U	Oncology, RNA, gene expression by whole transcriptome sequencing, formalin-fixed paraffin embedded tissue or fresh frozen tissue, predictive algorithm reported as potential targets for therapeutic agents
0022U	Targeted genomic sequence analysis panel, non-small cell lung neoplasia, DNA and RNA analysis, 23 genes, interrogation for sequence variants and rearrangements, reported as presence or absence of variants and associated therapy(ies) to consider
0023U	Oncology (acute myelogenous leukemia), DNA, genotyping of internal tandem duplication, p.D835, p.I836, using mononuclear cells, reported as detection or non-detection of FLT3 mutation and indication for or against the use of midostaurin
0026U	Oncology (thyroid), DNA and mRNA of 112 genes, next-generation sequencing, fine needle aspirate of thyroid nodule, algorithmic analysis reported as a categorical result ("Positive, high probability of malignancy" or "Negative, low probability of malignancy")
0027U	JAK2 (Janus kinase 2) (eg, myeloproliferative disorder) gene analysis, targeted sequence analysis exons 12-15
0028U	CYP2D6 (cytochrome P450, family 2, subfamily D, polypeptide 6) (eg, drug metabolism) gene analysis, copy number variants, common variants with reflex to targeted sequence analysis
0029U	Drug metabolism (adverse drug reactions and drug response), targeted sequence analysis (ie, CYP1A2, CYP2C19, CYP2C9, CYP2D6, CYP3A4, CYP3A5, CYP4F2, SLCO1B1, VKORC1 and rs1277
0030U	Drug metabolism (warfarin drug response), targeted sequence analysis (ie, CYP2C9, CYP4F2, VKORC1, rs12777823)
0031U	CYP1A2 (cytochrome P450 family 1, subfamily A, member 2)(eg, drug metabolism) gene analysis, common variants (ie, *1F, *1K, *6, *7)
0032U	COMT (catechol-O-methyltransferase)(drug metabolism) gene analysis, c.472G>A (rs4680) variant
0033U	HTR2A (5-hydroxytryptamine receptor 2A), HTR2C (5-hydroxytryptamine receptor 2C) (eg, citalopram metabolism) gene analysis, common variants (ie, HTR2A rs7997012 [c.614-2211T>C], HTR2C rs3813929 [c.-759C>T] and rs1414334 [c.551-3008C>G])
0034U	TPMT (thiopurine S-methyltransferase), NUDT15 (nudix hydroxylase 15)(eg, thiopurine metabolism) gene analysis, common variants (ie, TPMT *2, *3A, *3B, *3C, *4, *5, *6, *8, *12; NUDT15 *3, *4, *5)
0036U	Exome (ie, somatic mutations), paired formalin-fixed paraffin-embedded tumor tissue and normal specimen, sequence analyses
0037U	Targeted genomic sequence analysis, solid organ neoplasm, DNA analysis of 324 genes, interrogation for sequence variants, gene copy number amplifications, gene rearrangements, microsatellite instability and tumor mutational burden
0040U	BCR/ABL1 (t(9;22)) (eg, chronic myelogenous leukemia) translocation analysis, major breakpoint, quantitative
0042T	Cerebral Perfusion Anaysis, Ct W/Contrst, Postprocess, Determ Cerebral Blood Flow/Vol & Mean
0045U	Oncology (breast ductal carcinoma in situ), mRNA, gene expression profiling by real-time RT-PCR of 12 genes (7 content and 5 housekeeping), utilizing formalin-fixed paraffin-embedded tissue, algorithm reported as recurrence score
0046U	FLT3 (fms-related tyrosine kinase 3) (eg, acute myeloid leukemia) internal tandem duplication (ITD) variants, quantitative

0047U	Oncology (prostate), mRNA, gene expression profiling by real-time RT-PCR of 17 genes (12 content and 5 housekeeping), utilizing formalin-fixed paraffin-embedded tissue, algorithm reported as a risk score
0048U	Oncology (solid organ neoplasia), DNA, targeted sequencing of protein-coding exons of 468 cancer-associated genes, including interrogation for somatic mutations and microsatellite instability, matched with normal specimens, utilizing formalin-fixed paraffin-embedded tumor tissue, report of clinically significant mutation(s)
0049U	NPM1 (nucleophosmin) (eg, acute myeloid leukemia) gene analysis, quantitative
0050U	Targeted genomic sequence analysis panel, acute myelogenous leukemia, DNA analysis, 194 genes, interrogation for sequence variants, copy number variants or rearrangements
0051T	Implantation of a total replacement heart system (artificial heart) with recipient cardiectomy
0052T	Replacement/repair of thoracic unit of a total replacement heart system (artificial heart)
00530	Anesthesia, Permanent Transvenous Pacemaker Insertion
0053T	Replacement/repair of implantable component(s) of total replacement heart system (artificial heart) excl thoracic unit
0053U	Oncology (prostate cancer), FISH analysis of 4 genes (ASAP1, HDAC9, CHD1 and PTEN), needle biopsy specimen, algorithm reported as probability of higher tumor grade
0055U	Cardiology (heart transplant), cell-free DNA, PCR assay of 96 DNA target sequences (94 single nucleotide polymorphism targets and two control targets), plasma
00580	Anesthesia, Heart Transplant/Heart & Lung Transplant
0058T	Cryopreservation; reproductive tissue, ovarian
0059T	Cryopreservation; oocyte(s)
0062U	Autoimmune (systemic lupus erythematosus), IgG and IgM analysis of 80 biomarkers, utilizing serum, algorithm reported with a risk score
0069U	Oncology (colorectal), microRNA, RT-PCR expression profiling of miR-31-3p, formalin-fixed paraffin-embedded tissue, algorithm reported as an expression score
0070U	CYP2D6 (cytochrome P450, family 2, subfamily D, polypeptide 6) (eg, drug metabolism) gene analysis, common and select rare variants (ie, *2, *3, *4, *4N, *5, *6, *7, *8, *9, *10, *11, *12, *13, *14A, *14B, *15, *17, *29, *35, *36, *41, *57, *61, *63, *68, *83, *xN)
0071T	Ultrasound Ablation of Uterine Leiomyomata inc MR Guidance
0071U	CYP2D6 (cytochrome P450, family 2, subfamily D, polypeptide 6) (eg, drug metabolism) gene analysis, full gene sequence (List separately in addition to code for primary procedure)
0072T	Ultrasound Ablation of Uterine Leiomyomata inc MR Guidance; Vol>=200 CC
0072U	CYP2D6 (cytochrome P450, family 2, subfamily D, polypeptide 6) (eg, drug metabolism) gene analysis, targeted sequence analysis (ie, CYP2D6-2D7 hybrid gene) (List separately in addition to code for primary procedure)
0073U	CYP2D6 (cytochrome P450, family 2, subfamily D, polypeptide 6) (eg, drug metabolism) gene analysis, targeted sequence analysis (ie, CYP2D7-2D6 hybrid gene) (List separately in addition to code for primary procedure)
0074U	CYP2D6 (cytochrome P450, family 2, subfamily D, polypeptide 6) (eg, drug metabolism) gene analysis, targeted sequence analysis (ie, non-duplicated gene when duplication/multiplication is trans) (List separately in addition to code for primary procedure)
0075U	CYP2D6 (cytochrome P450, family 2, subfamily D, polypeptide 6) (eg, drug metabolism) gene analysis, targeted sequence analysis (ie, 5' gene duplication/multiplication) (List separately in addition to code for primary procedure)

0076U	CYP2D6 (cytochrome P450, family 2, subfamily D, polypeptide 6) (eg, drug metabolism) gene analysis, targeted sequence analysis (ie, 3' gene duplication/multiplication) (List separately in addition to code for primary procedure)
0078T	Endovascular repair using prosthesis of abdominal aortic aneurysm, pseudoaneurysm or dissection, abdominal aorta involving visceral branches (superior mesenteric, celiac and/or renal artery[s])
0078U	Pain management (opioid-use disorder) genotyping panel, 16 common variants (ie, ABCB1, COMT, DAT1, DBH, DOR, DRD1, DRD2, DRD4, GABA, GAL, HTR2A, HTTLPR, MTHFR, MUOR, OPRK1, OPRM1), buccal swab or other germline tissue sample, algorithm reported as positive or negative risk of opioid-use disorder
00796	Anesthesia, Intraperitoneal Proc, Upper Abdomen, W/Laparoscopy; Liver Transplant, Recipient
0079U	Comparative DNA analysis using multiple selected single-nucleotide polymorphisms(SNPs), urine and buccal DNA, for specimen identity verification
0080T	Endovascular repair using prosthesis of abdominal aortic aneurysm, pseudoaneurysm or dissection, abdominal aorta involving visceral vessels (superior mesenteric, celiac and/or renal artery[s]), radiological supervision and interpretation
0080U	Oncology (lung), mass spectrometric analysis of galectin-3-binding protein and scavenger receptor cysteine-rich type 1 protein M130, with five clinical risk factors (age, smoking status, nodule diameter, nodule-spiculation status and nodule location), utilizing plasma, algorithm reported as a categorical probability of malignancy
0085T	Breath test for heart transplant rejection
00868	Anesthesia, Extraperitoneal Proc, Lower Abdomen, W/Urinary Tract; Renal Transplant, Recipient
0087U	Cardiology (heart transplant), mRNA gene expression profiling by microarray of 1283 genes, transplant biopsy tissue, allograft rejection and injury algorithm reported as a probability score
0088U	Transplantation medicine (kidney allograft rejection), microarray gene expression profiling of 1494 genes, utilizing transplant biopsy tissue, algorithm reported as a probability score for rejection
0089U	Oncology (melanoma), gene expression profiling by RTqPCR, PRAME and LINC00518, superficial collection using adhesive patch(es)
0090T	Total disc arthroplasty (artificial disc), anterior approach, including discectomy to prepare interspace (other than for decompression) cervical; single interspace
0090U	Oncology (cutaneous melanoma), mRNA gene expression profiling by RT-PCR of 23 genes (14 content and 9 housekeeping), utilizing formalin-fixed paraffin-embedded (FFPE) tissue, algorithm reported as a categorical result (ie, benign, intermediate, malignant)
0092U	Oncology (lung), three protein biomarkers, immunoassay using magnetic nanosensor technology, plasma, algorithm reported as risk score for likelihood of malignancy
0094U	Genome (eg, unexplained constitutional or heritable disorder or syndrome), rapid sequence analysis
0095T	Removal of total disc arthroplasty (artificial disc), anterior approach, each additional interspace, cervical (List separately in addition to code for primary procedure)
0098T	Revision including replacement of total disc arthroplasty (artificial disc), anterior approach, each additional interspace, cervical (List separately in addition to code for primary procedure)
0099T	Implantation of intrastromal corneal ring segments
0100T	Placement of a subconjunctival retinal prosthesis receiver and pulse generator, and implantation of intra-ocular retinal electrode array, with vitrectomy
0101T	Extracorporeal shock wave involving musculoskeletal system, not otherwise specified

0101U	Hereditary colon cancer disorders (eg, Lynch syndrome, PTEN hamartoma syndrome, Cowden syndrome, familial adenomatosis polyposis), genomic sequence analysis panel utilizing a combination of NGS, Sanger, MLPA, and array CGH, with mRNA analytics to resolve variants of unknown significance when indicated (15 genes [sequencing and deletion/duplication], EPCAM and GREM1 [deletion/duplication only])
0102T	Extracorporeal shock wave performed by a physician, requiring anesthesia other than local, and involving the lateral humeral epicondyle
0102U	Hereditary breast cancer-related disorders (eg, hereditary breast cancer, hereditary ovarian cancer, hereditary endometrial cancer), genomic sequence analysis panel utilizing a combination of NGS, Sanger, MLPA, and array CGH, with mRNA analytics to resolve variants of unknown significance when indicated (17 genes [sequencing and deletion/duplication])
0103U	Hereditary ovarian cancer (eg, hereditary ovarian cancer, hereditary endometrial cancer), genomic sequence analysis panel utilizing a combination of NGS, Sanger, MLPA, and array CGH, with mRNA analytics to resolve variants of unknown significance when indicated (24 genes [sequencing and deletion/duplication], EPCAM [deletion/duplication only])
0104U	Hereditary pan cancer (eg, hereditary breast and ovarian cancer, hereditary endometrial cancer, hereditary colorectal cancer), genomic sequence analysis panel utilizing a combination of NGS, Sanger, MLPA, and array CGH, with MRNA analytics to resolve variants of unknown significance when indicated (32 genes [sequencing and deletion/duplication], EPCAM and GREM1 [deletion/duplication only])
0105U	Nephrology (chronic kidney disease), multiplex electrochemiluminescent immunoassay (ECLIA) of tumor necrosis factor receptor 1A, receptor superfamily 2 (TNFR1, TNFR2), and kidney injury molecule-1 (KIM-1) combined with longitudinal clinical data, including APOL1 genotype if available, and plasma (isolated fresh or frozen), algorithm reported as probability score for rapid kidney function decline (RKFD)
0106T	Quantitative sensory testing (QST), testing and interpretation per extremity; using touch pressure stimuli to assess large diameter sensation
0107T	Quantitative sensory testing (QST), testing and interpretation per extremity; using vibration stimuli to assess large diameter fiber sensation
0108T	Quantitative sensory testing (QST), testing and interpretation per extremity; using cooling stimuli to assess small nerve fiber sensation and hyperalgesia
0109T	Quantitative sensory testing (QST), testing and interpretation per extremity; using heat-pain stimuli to assess small nerve fiber sensation and hyperalgesia
0110T	Quantitative sensory testing (QST), testing and interpretation per extremity; using other stimuli to assess sensation
0111U	Oncology (colon cancer), targeted KRAS (codons 12, 13, and 61) and NRAS (codons 12, 13, and 61) gene analysis utilizing formalin-fixed paraffin-embedded tissue
0112U	Infectious agent detection and identification, targeted sequence analysis (16S and 18S rRNA genes) with drug-resistance gene
0113U	Oncology (prostate), measurement of PCA3 and TMPRSS2-ERG in urine and PSA in serum following prostatic massage, by RNA amplification and fluorescence-based detection, algorithm reported as risk score
0117U	Pain management, analysis of 11 endogenous analytes (methylmalonic acid, xanthurenic acid, homocysteine, pyroglutamic acid, vanilmandelate, 5-hydroxyindoleacetic acid, hydroxymethylglutarate, ethylmalonate, 3-hydroxypropyl mercapturic acid (3-HPMA), quinolinic acid, kynurenic acid), LC-MS/MS, urine, algorithm reported as a pain-index score with likelihood of atypical biochemical function associated with pain

0118U	Transplantation medicine, quantification of donor-derived cell-free DNA using whole genome next-generation sequencing, plasma, reported as percentage of donor-derived cell-free DNA in the total cell-free DNA
0120U	Oncology (B-cell lymphoma classification), mRNA, gene expression profiling by fluorescent probe hybridization of 58 genes (45 content and 13 housekeeping genes), formalin-fixed paraffin-embedded tissue, algorithm reported as likelihood for primary mediastinal B-cell lymphoma (PMBCL) and diffuse large B-cell lymphoma (DLBCL) with cell of origin subtyping in the latter
0124T	Conjunctival incision with posterior extrascleral placement of pharmacological agent (does not include supply of medication)
0129U	Hereditary breast cancer-related disorders (eg, hereditary breast cancer, hereditary ovarian cancer, hereditary endometrial cancer), genomic sequence analysis and deletion/duplication analysis panel (ATM, BRCA1, BRCA2, CDH1, CHEK2, PALB2, PTEN, and TP53)
0130U	Hereditary colon cancer disorders (eg, Lynch syndrome, PTEN hamartoma syndrome, Cowden syndrome, familial adenomatosis polyposis), targeted mRNA sequence analysis panel (APC, CDH1, CHEK2, MLH1, MSH2, MSH6, MUTYH, PMS2, PTEN, and TP53) (List separately in addition to code for primary procedure)
0131U	Hereditary breast cancer-related disorders (eg, hereditary breast cancer, hereditary ovarian cancer, hereditary endometrial cancer), targeted mRNA sequence analysis panel (13 genes) (List separately in addition to code for primary procedure)
0132U	Hereditary ovarian cancer-related disorders (eg, hereditary breast cancer, hereditary ovarian cancer, hereditary endometrial cancer), targeted mRNA sequence analysis panel (17 genes) (List separately in addition to code for primary procedure)
0134U	Hereditary pan cancer (eg, hereditary breast and ovarian cancer, hereditary endometrial cancer, hereditary colorectal cancer), targeted mRNA sequence analysis panel (18 genes) (List separately in addition to code for primary procedure)
0135U	Hereditary gynecological cancer (eg, hereditary breast and ovarian cancer, hereditary endometrial cancer, hereditary colorectal cancer), targeted mRNA sequence analysis panel (12 genes) (List separately in addition to code for primary procedure)
0136U	ATM (ataxia telangiectasia mutated) (eg, ataxia telangiectasia) mRNA sequence analysis (List separately in addition to code for primary procedure)
0138U	BRCA1 (BRCA1, DNA repair associated), BRCA2 (BRCA2, DNA repair associated) (eg, hereditary breast and ovarian cancer) mRNA sequence analysis (List separately in addition to code for primary procedure)
0141U	Infectious disease (bacteria and fungi), gram-positive organism identification and drug resistance element detection, DNA (20 gram-positive bacterial targets, 4 resistance genes, 1 pan gram-negative bacterial target, 1 pan Candida target), blood culture, amplified probe technique, each target reported as detected or not detected
0142U	Infectious disease (bacteria and fungi), gram-negative bacterial identification and drug resistance element detection, DNA (21 gram-negative bacterial targets, 6 resistance genes, 1 pan gram-positive bacterial target, 1 pan Candida target), amplified probe technique, each target reported as detected or not detected
0152U	Infectious disease (bacteria, fungi, parasites, and DNA viruses), microbial cell-free DNA, plasma, untargeted next-generation sequencing, report for significant positive pathogens
0153U	Oncology (breast), mRNA, gene expression profiling by next-generation sequencing of 101 genes, utilizing formalin-fixed paraffin-embedded tissue, algorithm reported as a triple negative breast cancer clinical subtype(s) with information on immune cell involvement

0154U	Oncology (urothelial cancer), RNA, analysis by real-time RT-PCR of the FGFR3 (fibroblast growth factor receptor 3) gene analysis (ie, p.R248C [c.742C>T], p.S249C [c.746C>G], p.G370C [c.1108G>T], p.Y373C [c.1118A>G], FGFR3-TACC3v1, and FGFR3-TACC3v3) utilizing formalin-fixed paraffin-embedded urothelial cancer tumor tissue, reported as FGFR gene alteration status
0155U	Oncology (breast cancer), DNA, PIK3CA (phosphatidylinositol-4,5-bisphosphate 3-kinase, catalytic subunit alpha) (eg, breast cancer) gene analysis (ie, p.C420R, p.E542K, p.E545A, p.E545D [g.1635G>T only], p.E545G, p.E545K, p.Q546E, p.Q546R, p.H1047L, p.H1047R, p.H1047Y), utilizing formalin-fixed paraffin-embedded breast tumor tissue, reported as PIK3CA gene mutation status
0156U	Copy number (eg, intellectual disability, dysmorphology), sequence analysis
0163T	Total disc arthroplasty (artificial disc), anterior approach, including discectomy to prepare interspace (other than for decompression), each additional interspace, lumbar (List separately in addition to code for primary procedure)
0164T	Removal of total disc arthroplasty, (artificial disc), anterior approach, each additional interspace, lumbar (List separately in addition to code for primary procedure)
0164U	Gastroenterology (irritable bowel syndrome [IBS]), immunoassay for anti-CdtB and anti-vinculin antibodies, utilizing plasma, algorithm for elevated or not elevated qualitative results
0165T	Revision including replacement of total disc arthroplasty (artificial disc), anterior approach, each additional interspace, lumbar (List separately in addition to code for primary procedure)
0166U	Liver disease, 10 biochemical assays (a2-macroglobulin, haptoglobin, apolipoprotein A1, bilirubin, GGT, ALT, AST, triglycerides, cholesterol, fasting glucose) and biometric and demographic data, utilizing serum, algorithm reported as scores for fibrosis, necroinflammatory activity, and steatosis with a summary interpretation
0169T	Stereotactic placement of infusion catheter(s) in the brain for delivery of therapeutic agent(s), including computerized stereotactic planning and burr hole(s)
0169U	NUDT15 (nudix hydrolase 15) and TPMT (thiopurine S-methyltransferase) (eg, drug metabolism) gene analysis, common variants
0170U	Neurology (autism spectrum disorder [ASD]), RNA, next-generation sequencing, saliva, algorithmic analysis, and results reported as predictive probability of ASD diagnosis
0171T	Insertion of posterior spinous process distraction device (including necessary removal of bone or ligament for insertion and imaging guidance), lumbar; single level
0171U	Targeted genomic sequence analysis panel, acute myeloid leukemia, myelodysplastic syndrome, and myeloproliferative neoplasms, DNA analysis, 23 genes, interrogation for sequence variants, rearrangements and minimal residual disease, reported as presence/absence
0172U	Oncology (solid tumor as indicated by the label), somatic mutation analysis of BRCA1 (BRCA1, DNA repair associated), BRCA2 (BRCA2, DNA repair associated) and analysis of homologous recombination deficiency pathways, DNA, formalin-fixed paraffin-embedded tissue, algorithm quantifying tumor genomic instability score
0173U	Psychiatry (ie, depression, anxiety), genomic analysis panel, includes variant analysis of 14 gene
0174U	Oncology (solid tumor), mass spectrometric 30 protein targets, formalin-fixed paraffin-embedded tissue, prognostic and predictive algorithm reported as likely, unlikely, or uncertain benefit of 39 chemotherapy and targeted therapeutic oncology agents
0175U	Psychiatry (eg, depression, anxiety), genomic analysis panel, variant analysis of 15 genes
0176U	Cytolethal distending toxin B (CdtB) and vinculin IgG antibodies by immunoassay (ie, ELISA)

0177U	Oncology (breast cancer), DNA, PIK3CA (phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit alpha) gene analysis of 11 gene variants utilizing plasma, reported as PIK3CA gene mutation status
0179U	Oncology (non-small cell lung cancer), cell-free DNA, targeted sequence analysis of 23 genes (single nucleotide variations, insertions and deletions, fusions without prior knowledge of partner/breakpoint, copy number variations), with report of significant mutation(s)
0182T	High dose rate electronic brachytherapy, per fraction
0183T	Low frequency, non-contact, non-thermal ultrasound, including topical application(s), when performed, wound assessment, and instruction(s) for ongoing care, per day
0186T	Suprachoroidal delivery of pharmacologic agent (does not include supply of medication)
0191T	Insertion of anterior segment aqueous drainage device, without extraocular reservoir; internal approach, into the trabecular meshwork
0192T	Insertion of anterior segment aqueous drainage device, without extraocular reservoir; external approach
01937	Anesthesia for percutaneous image-guided injection, drainage or aspiration procedures on the spine or spinal cord; cervical or thoracic
01938	Anesthesia for percutaneous image-guided injection, drainage or aspiration procedures on the spine or spinal cord; lumbar or sacral
01939	Anesthesia for percutaneous image-guided destruction procedures by neurolytic agent on the spine or spinal cord; cervical or thoracic
01940	Anesthesia for percutaneous image-guided destruction procedures by neurolytic agent on the spine or spinal cord; lumbar or sacral
01941	Anesthesia for percutaneous image-guided neuromodulation or intravertebral procedures (eg, kyphoplasty, vertebroplasty) on the spine or spinal cord; cervical or thoracic
01942	Anesthesia for percutaneous image-guided neuromodulation or intravertebral procedures (eg, kyphoplasty, vertebroplasty) on the spine or spinal cord; lumbar or sacral
0195T	Arthrodesis, pre-sacral interbody technique, disc space preparation, discectomy, without instrumentation, with image guidance, includes bone graft when performed; L5-S1 interspace
0197T	Intra-fraction localization and tracking of target or patient motion during delivery of radiation therapy (eg, 3D positional tracking, gating, 3D surface tracking), each fraction of treatment
01991	Anesthesia for diagnostic or therapeutic nerve blocks and injections (when block or injection is performed by a different physician or other qualified health care professional)
01992	Anesthesia for diagnostic or therapeutic nerve blocks and injections (when block or injection is performed by a different physician or other qualified health care professional)
0199T	Physiologic recording of tremor using accelerometer(s) and/or gyroscope(s) (including frequency and amplitude), including interpretation and report
0200T	Percutaneous sacral augmentation (sacroplasty), unilateral injection(s), including the use of a balloon or mechanical device, when used, 1 or more needles
0201T	Percutaneous sacral augmentation (sacroplasty), bilateral injections, including the use of a balloon or mechanical device, when used, 2 or more needles
0202T	Posterior vertebral joint(s) arthroplasty (e.g., facet joint[s] replacement) including facetectomy, laminectomy, foramin
0203U	Autoimmune (inflammatory bowel disease), mRNA, gene expression profiling by quantitative RT-PCR, 17 genes (15 target and 2 reference genes), whole blood, reported as a continuous risk score and classification of inflammatory bowel disease aggressiveness

0204U	Oncology (thyroid), mRNA, gene expression analysis of 593 genes (including BRAF, RAS, RET, PAX8, and NTRK) for sequence variants and rearrangements, utilizing fine needle aspirate, reported as detected or not detected
0205U	Ophthalmology (age-related macular degeneration), analysis of 3 gene variants (2 CFH gene, 1 ARMS2 gene), using PCR and MALDI-TOF, buccal swab, reported as positive or negative for neovascular age-related macular-degeneration risk associated with zinc supplements
0206U	Neurology (Alzheimer disease); cell aggregation using morphometric imaging and protein kinase C-epsilon (PKCe) concentration in response to amylospheroid treatment by ELISA, cultured skin fibroblasts, each reported as positive or negative for Alzheimer disease
0207T	Evacuation of meibomian glands, automated, using heat and intermittent pressure, unilateral
0207U	Neurology (Alzheimer disease); quantitative imaging of phosphorylated ERK1 and ERK2 in response to bradykinin treatment by in situ immunofluorescence, using cultured skin fibroblasts, reported as a probability index for Alzheimer disease (List separately in addition to code for primary procedure)
0208U	Oncology (medullary thyroid carcinoma), mRNA, gene expression analysis of 108 genes, utilizing fine needle aspirate, algorithm reported as positive or negative for medullary thyroid carcinoma
0209U	Cytogenomic constitutional (genome-wide) analysis, interrogation of genomic regions for copy number, structural changes and areas of homozygosity for chromosomal abnormalities
0211U	Oncology (pan-tumor), DNA and RNA by next-generation sequencing, utilizing formalin-fixed paraffin-embedded tissue, interpretative report for single nucleotide variants, copy
0212U	Rare diseases (constitutional/heritable disorders), whole genome and mitochondrial DNA sequence analysis, including small sequence changes, deletions, duplications, short tandem repeat gene expansions, and variants in non-uniquely mappable regions, blood or saliva, identification and categorization of genetic variants, proband
0213T	Injection(s), diagnostic or therapeutic agent, paravertebral facet (zygapophyseal) joint (or nerves innervating that joint) with ultrasound guidance, cervical or thoracic; single level
0213U	Rare diseases (constitutional/heritable disorders), whole genome and mitochondrial DNA sequence analysis, including small sequence changes, deletions, duplications, short tandem repeat gene expansions, and variants in non-uniquely mappable regions, blood or saliva, identification and categorization of genetic variants, proband
0214T	Injection(s), diagnostic or therapeutic agent, paravertebral facet (zygapophyseal) joint (or nerves innervating that joint) with ultrasound guidance, cervical or thoracic; second level (List separately in addition to code for primary procedure)
0214U	Rare diseases (constitutional/heritable disorders), whole exome and mitochondrial DNA sequence analysis, including small sequence changes, deletions, duplications, short tandem repeat gene expansions, and variants in non-uniquely mappable regions, blood or saliva, identification and categorization of genetic variants, proband
0215T	Injection(s), diagnostic or therapeutic agent, paravertebral facet (zygapophyseal) joint (or nerves innervating that joint) with ultrasound guidance, cervical or thoracic; third and any additional level(s) (List separately in addition to code for primary procedure)
0215U	Rare diseases (constitutional/heritable disorders), whole exome and mitochondrial DNA sequence analysis, including small sequence changes, deletions, duplications, short tandem repeat gene expansions, and variants in non-uniquely mappable regions, blood or saliva, identification and categorization of genetic variants, each comparator exome (eg, parent, sibling)
0216T	Injection(s), diagnostic or therapeutic agent, paravertebral facet (zygapophyseal) joint (or nerves innervating that joint) with ultrasound guidance, lumbar or sacral; single level

0216U	Neurology (inherited ataxias), genomic DNA sequence analysis of 12 common genes including small sequence changes, deletions, duplications, short tandem repeat gene expansions, and variants in non-uniquely mappable regions, blood or saliva, identification and categorization of genetic variants
0217T	Injection(s), diagnostic or therapeutic agent, paravertebral facet (zygapophyseal) joint (or nerves innervating that joint) with ultrasound guidance, lumbar or sacral; second level (List separately in addition to code for primary procedure)
0217U	Neurology (inherited ataxias), genomic DNA sequence analysis of 51 genes including small sequence changes, deletions, duplications, short tandem repeat gene expansions, and variants in non-uniquely mappable regions, blood or saliva, identification and categorization of genetic variants
0218T	Injection(s), diagnostic or therapeutic agent, paravertebral facet (zygapophyseal) joint (or nerves innervating that joint) with ultrasound guidance, lumbar or sacral; third and any additional level(s) (List separately in addition to code for primary procedure)
0218U	Neurology (muscular dystrophy), DMD gene sequence analysis, including small sequence changes, deletions, duplications, and variants in non-uniquely mappable regions, blood or saliva, identification and characterization of genetic variants
0219T	Placement of a posterior intrafacet implant(s), unilateral or bilateral, including imaging and placement of bone graft(s) or synthetic device(s), single level; cervical
0220T	Placement of a posterior intrafacet implant(s), unilateral or bilateral, including imaging and placement of bone graft(s) or synthetic device(s), single level; thoracic
0221T	Placement of a posterior intrafacet implant(s), unilateral or bilateral, including imaging and placement of bone graft(s) or synthetic device(s), single level; lumbar
0222T	Placement of a posterior intrafacet implant(s), unilateral or bilateral, including imaging and placement of bone graft(s) or synthetic device(s), single level; each additional
0228T	Injection(s), anesthetic agent and/or steroid, transforaminal epidural, with ultrasound guidance, cervical or thoracic; single level
0228U	Oncology (prostate), multianalyte molecular profile by photometric detection of macromolecules adsorbed on nanosponge array slides with machine learning, utilizing first morning voided urine, algorithm reported as likelihood of prostate cancer
0229T	Injection(s), anesthetic agent and/or steroid, transforaminal epidural, with ultrasound guidance, cervical or thoracic; each additional level (List separately in addition to code for primary procedure)
0229U	BCAT1 (Branched chain amino acid transaminase 1) and IKZF1 (IKAROS family zinc finger 1) (eg, colorectal cancer) promoter methylation analysis
0230T	Injection(s), anesthetic agent and/or steroid, transforaminal epidural, with ultrasound guidance, lumbar or sacral; single level
0230U	AR (androgen receptor) (eg, spinal and bulbar muscular atrophy, Kennedy disease, X chromosome inactivation), full sequence analysis, including small sequence changes in exonic and intronic regions, deletions, duplications, short tandem repeat (STR) expansions, mobile element insertions, and variants in non-uniquely mappable regions
0231T	Injection(s), anesthetic agent and/or steroid, transforaminal epidural, with ultrasound guidance, lumbar or sacral; each additional level (List separately in addition to code for primary procedure)
0231U	CACNA1A (calcium voltage-gated channel subunit alpha 1A) (eg, spinocerebellar ataxia), full gene analysis, including small sequence changes in exonic and intronic regions, deletions,

	duplications, short tandem repeat (STR) gene expansions, mobile element insertions, and variants in non-uniquely mappable regions
0232T	Injection(s), platelet rich plasma, any site, including image guidance, harvesting and preparation when performed
0232U	CSTB (cystatin B) (eg, progressive myoclonic epilepsy type 1A, Unverricht-Lundborg disease), full gene analysis, including small sequence changes in exonic and intronic region
0233T	Skin advanced glycation endproducts (AGE) measurement by multi-wavelength fluorescent spectroscopy
0233U	FXN (frataxin) (eg, Friedreich ataxia), gene analysis, including small sequence changes in exonic and intronic regions, deletions, duplications, short tandem repeat (STR) expansions, mobile element insertions, and variants in non-uniquely mappable regions
0234U	MECP2 (methyl CpG binding protein 2) (eg, Rett syndrome), full gene analysis, including small sequence changes in exonic and intronic regions, deletions, duplications, mobile element insertions, and variants in non-uniquely mappable regions
0235U	PTEN (phosphatase and tensin homolog) (eg, Cowden syndrome, PTEN hamartoma tumor syndrome), full gene analysis, including small sequence changes in exonic and intronic regions, deletions, duplications, mobile element insertions, and variants in non-uniquely mappable regions
0236U	SMN1 (survival of motor neuron 1, telomeric) and SMN2 (survival of motor neuron 2, centromeric) (eg, spinal muscular atrophy) full gene analysis, including small sequence changes in exonic and intronic regions, duplications, deletions, and mobile element insertions
0237U	Cardiac ion channelopathies (eg, Brugada syndrome, long QT syndrome, short QT syndrome, catecholaminergic polymorphic ventricular tachycardia), genomic sequence analysis panel including ANK2, CASQ2, CAV3, KCNE1, KCNE2, KCNH2, KCNJ2, KCNQ1, RYR2, and SCN5A, including small sequence changes in exonic and intronic regions, deletions, duplications, mobile element insertions, and variants in non-uniquely mappable regions
0238U	Oncology (Lynch syndrome), genomic DNA sequence analysis of MLH1, MSH2, MSH6, PMS2, and EPCAM, including small sequence changes in exonic and intronic regions, deletions, duplications, mobile element insertions, and variants in non-uniquely mappable regions
0239T	Bioimpedance spectroscopy (BIS), measuring 100 frequencies or greater, direct measurement of extracellular fluid differences between the limbs
0239U	Targeted genomic sequence analysis panel, solid organ neoplasm, cell-free DNA, analysis of 311 or more genes, interrogation for sequence variants, including substitutions, insertions, deletions, select rearrangements, and copy number variations
0242U	Targeted genomic sequence analysis panel, solid organ neoplasm, cell-free circulating DNA analysis of 55-74 genes, interrogation for sequence variants, gene copy number amplifications, and gene rearrangements
0243U	Obstetrics (preeclampsia), biochemical assay of placental-growth factor, time-resolved fluorescence immunoassay, maternal serum, predictive algorithm reported as a risk score for preeclampsia
0244U	Oncology (solid organ), DNA, comprehensive genomic profiling, 257 genes, interrogation for single-nucleotide variants, insertions/deletions, copy number alterations, gene rearrangements, tumor-mutational burden and microsatellite instability, utilizing formalin-fixed paraffin-embedded tumor tissue
0245T	Open treatment of rib fracture requiring internal fixation, unilateral; 1-2 ribs

0245U	Oncology (thyroid), mutation analysis of 10 genes and 37 RNA fusions and expression of 4 mRNA markers using next-generation sequencing, fine needle aspirate, report includes associated risk of malignancy expressed as a percentage
0246T	Open treatment of rib fracture requiring internal fixation, unilateral; 3-4 ribs
0247T	Open treatment of rib fracture requiring internal fixation, unilateral; 5-6 ribs
0247U	Obstetrics (preterm birth), insulin-like growth factor-binding protein 4 (IBP4), sex hormone-binding globulin (SHBG), quantitative measurement by LC-MS/MS, utilizing maternal serum, combined with clinical data, reported as predictive-risk stratification for spontaneous preterm birth
0248T	Open treatment of rib fracture requiring internal fixation, unilateral; 7 or more ribs
0248U	Oncology, spheroid cell culture in 3D microenvironment, 12-drug panel, brain- or brain metastasis-response prediction for each drug
0249U	Oncology (breast), semiquantitative analysis of 32 phosphoproteins and protein analytes, includes laser capture microdissection, with algorithmic analysis and interpretative report
0250U	Oncology (solid organ neoplasm), targeted genomic sequence DNA analysis of 505 genes, interrogation for somatic alterations (SNVs [single nucleotide variant], small insertions and deletions, one amplification, and four translocations), microsatellite instability and tumor-mutation burden
0253T	Insertion of anterior segment aqueous drainage device, without extraocular reservoir; internal approach, into the suprachoroidal space
0253U	Reproductive medicine (endometrial receptivity analysis), RNA gene expression profile, 238 genes by next-generation sequencing, endometrial tissue, predictive algorithm reported as endometrial window of implantation (eg, pre-receptive, receptive, post-receptive)
0254U	Reproductive medicine (preimplantation genetic assessment), analysis of 24 chromosomes using embryonic DNA genomic sequence analysis for aneuploidy, and a mitochondrial DNA score in euploid embryos, results reported as normal (euploidy), monosomy, trisomy, or partial deletion/duplication, mosaicism, and segmental aneuploidy, per embryo tested
0255U	Andrology (infertility), sperm-capacitation assessment of ganglioside GM1 distribution patterns, fluorescence microscopy, fresh or frozen specimen, reported as percentage of capacitated sperm and probability of generating a pregnancy score
0258U	Autoimmune (psoriasis), mRNA, next-generation sequencing, gene expression profiling of 50-100 genes, skin-surface collection using adhesive patch, algorithm reported as likelihood of response to psoriasis biologics
0260U	Rare diseases (constitutional/heritable disorders), identification of copy number variations, inversions, insertions, translocations, and other structural variants by optical genome mapping
0261U	Oncology (colorectal cancer), image analysis with artificial intelligence assessment of 4 histologic and immunohistochemical features (CD3 and CD8 within tumor-stroma border and tumor core), tissue, reported as immune response and recurrence-risk score
0262T	Implantation of catheter-delivered prosthetic pulmonary valve, endovascular approach
0262U	Oncology (solid tumor), gene expression profiling by real-time RT-PCR of 7 gene pathways (ER, AR, PI3K, MAPK, HH, TGFB, Notch), formalin-fixed paraffin-embedded (FFPE), algorithm reported as gene pathway activity score
0263T	Intramuscular autologous bone marrow cell therapy, with preparation of harvested cells, multiple injections, one leg, including ultrasound guidance, if performed; complete procedure including unilateral or bilateral bone marrow harvest

0264T	Intramuscular autologous bone marrow cell therapy, with preparation of harvested cells, multiple injections, one leg, including ultrasound guidance, if performed; complete procedure excluding bone marrow harvest
0264U	Rare diseases (constitutional/heritable disorders), identification of copy number variations, inversions, insertions, translocations, and other structural variants by optical genome mapping
0265T	Intramuscular autologous bone marrow cell therapy, with preparation of harvested cells, multiple injections, one leg, including ultrasound guidance, if performed; unilateral or bilateral bone marrow harvest only for intramuscular autologous bone marrow cell therapy
0265U	Rare constitutional and other heritable disorders, whole genome and mitochondrial DNA sequence analysis, blood, frozen and formalin-fixed paraffin-embedded (FFPE) tissue, saliva, buccal swabs or cell lines, identification of single nucleotide and copy number variants
0266T	Implantation or replacement of carotid sinus baroreflex activation device; total system (includes generator placement, unilateral or bilateral lead placement, intra-operative interrogation, programming, and repositioning, when performed)
0266U	Unexplained constitutional or other heritable disorders or syndromes, tissue-specific gene expression by whole-transcriptome and next-generation sequencing, blood, formalin-fixed paraffin-embedded (FFPE) tissue or fresh frozen tissue, reported as presence or absence of splicing or expression changes
0267T	Implantation or replacement of carotid sinus baroreflex activation device; lead only, unilateral (includes intra-operative interrogation, programming, and repositioning, when performed)
0267U	Rare constitutional and other heritable disorders, identification of copy number variations, inversions, insertions, translocations, and other structural variants by optical genome mapping and whole genome sequencing
0268T	Implantation or replacement of carotid sinus baroreflex activation device; pulse generator only (includes intra-operative interrogation, programming, and repositioning, when performed)
0268U	Hematology (atypical hemolytic uremic syndrome [aHUS]), genomic sequence analysis of 15 genes, blood, buccal swab, or amniotic fluid
0269T	Revision or removal of carotid sinus baroreflex activation device; total system (includes generator placement, unilateral or bilateral lead placement, intra-operative interrogation, programming, and repositioning, when performed)
0269U	Hematology (autosomal dominant congenital thrombocytopenia), genomic sequence analysis of 14 genes, blood, buccal swab, or amniotic fluid
0270T	Revision or removal of carotid sinus baroreflex activation device; lead only, unilateral (includes intra-operative interrogation, programming, and repositioning, when performed)
0270U	Hematology (congenital coagulation disorders), genomic sequence analysis of 20 genes, blood, buccal swab, or amniotic fluid
0271T	Revision or removal of carotid sinus baroreflex activation device; pulse generator only (includes intra-operative interrogation, programming, and repositioning, when performed)
0271U	Hematology (congenital neutropenia), genomic sequence analysis of 23 genes, blood, buccal swab, or amniotic fluid
0272T	Interrogation device evaluation (in person), carotid sinus baroreflex activation system, including telemetric iterative communication with the implantable device to monitor device diagnostics and programmed therapy values, with interpretation and report (eg, battery status, lead impedance, pulse amplitude, pulse width, therapy frequency, pathway mode, burst mode, therapy start/stop times each day);
0272U	Hematology (genetic bleeding disorders), genomic sequence analysis of 51 genes, blood, buccal swab, or amniotic fluid, comprehensive

0273T	Interrogation device evaluation (in person), carotid sinus baroreflex activation system, including telemetric iterative communication with the implantable device to monitor device diagnostics and programmed therapy values, with interpretation and report (eg, battery status, lead impedance, pulse amplitude, pulse width, therapy frequency, pathway mode, burst mode, therapy start/stop times each day); with programming
0273U	Hematology (genetic hyperfibrinolysis, delayed bleeding), analysis of 9 genes (F13A1, F13B, FGA, FGB, FGG, SERPINA1, SERPINE1, SERPINF2 by next-generation sequencing, and PLAU by array comparative genomic hybridization), blood, buccal swab, or amniotic fluid
0274T	Percutaneous laminotomy/laminectomy (interlaminar approach) for decompression of neural elements, (with or without ligamentous resection, discectomy, facetectomy and/or foraminotomy), any method, under indirect image guidance (eg, fluoroscopic, CT), single or multiple levels, unilateral or bilateral; cervical or thoracic
0274U	Hematology (genetic platelet disorders), genomic sequence analysis of 43 genes, blood, buccal swab, or amniotic fluid
0275T	Percutaneous laminotomy/laminectomy (interlaminar approach) for decompression of neural elements, (with or without ligamentous resection, discectomy, facetectomy and/or foraminotomy), any method, under indirect image guidance (eg, fluoroscopic, CT), single or multiple levels, unilateral or bilateral; lumbar
0276U	Hematology (inherited thrombocytopenia), genomic sequence analysis of 23 genes, blood, buccal swab, or amniotic fluid
0277U	Hematology (genetic platelet function disorder), genomic sequence analysis of 31 genes, blood, buccal swab, or amniotic fluid
0278T	Transcutaneous Electrical Modulation Pain Reprocessing (Eg, Scrambler Therapy), Each Treatment Session (Includes Placement Of Electrodes)
0278U	Hematology (genetic thrombosis), genomic sequence analysis of 12 genes, blood, buccal swab, or amniotic fluid
0281T	Percutaneous transcatheter closure of the left atrial appendage with implant, including fluoroscopy, transseptal puncture, catheter placement(s), left atrial angiography, left atrial appendage angiography, radiological supervision and interpretation
0282T	Percutaneous or open implantation of neurostimulator electrode array(s), subcutaneous (peripheral subcutaneous field stimulation), including imaging guidance, when performed, cervical, thoracic or lumbar; for trial, including removal at the conclusion of trial period
0283T	Percutaneous or open implantation of neurostimulator electrode array(s), subcutaneous (peripheral subcutaneous field stimulation), including imaging guidance, when performed, cervical, thoracic or lumbar; permanent, with implantation of a pulse generator
0284T	Revision or removal of pulse generator or electrodes, including imaging guidance, when performed, including addition of new electrodes, when performed
0285T	Electronic analysis of implanted peripheral subcutaneous field stimulation pulse generator, with reprogramming when performed
0285U	Oncology, response to radiation, cell-free DNA, quantitative branched chain DNA amplification, plasma, reported as a radiation toxicity score
0286U	CEP72 (centrosomal protein, 72-KDa), NUDT15 (nudix hydrolase 15) and TPMT (thiopurine S-methyltransferase) (eg, drug metabolism) gene analysis, common variants
0287U	Oncology (thyroid), DNA and mRNA, next-generation sequencing analysis of 112 genes, fine needle aspirate or formalin-fixed paraffin-embedded (FFPE) tissue, algorithmic prediction of cancer recurrence, reported as a categorical risk result (low, intermediate, high)

0288T	Anoscopy, with delivery of thermal energy to the muscle of the anal canal (eg, for fecal incontinence)
0288U	Oncology (lung), mRNA, quantitative PCR analysis of 11 genes (BAG1, BRCA1, CDC6, CDK2AP1, ERBB3, FUT3, IL11, LCK, RND3, SH3BGR, WNT3A) and 3 reference genes (ESD, TBP, YAP1), formalin-fixed paraffin-embedded (FFPE) tumor tissue, algorithmic interpretation reported as a recurrence risk score
0289U	Neurology (Alzheimer disease), mRNA, gene expression profiling by RNA sequencing of 24 genes, whole blood, algorithm reported as predictive risk score
0290U	Pain management, mRNA, gene expression profiling by RNA sequencing of 36 genes, whole blood, algorithm reported as predictive risk score
0291U	Psychiatry (mood disorders), mRNA, gene expression profiling by RNA sequencing of 144 genes, whole blood, algorithm reported as predictive risk score
0292U	Psychiatry (stress disorders), mRNA, gene expression profiling by RNA sequencing of 72 genes, whole blood, algorithm reported as predictive risk score
0293T	Insertion of left atrial hemodynamic monitor; complete system, includes implanted communication module and pressure sensor lead in left atrium including transseptal access, radiological supervision and interpretation, and associated injection procedures, when performed
0293U	Psychiatry (suicidal ideation), mRNA, gene expression profiling by RNA sequencing of 54 genes, whole blood, algorithm reported as predictive risk score
0294T	Insertion of left atrial hemodynamic monitor; pressure sensor lead at time of insertion of pacing cardioverter-defibrillator pulse generator including radiological supervision
0294U	Longevity and mortality risk, mRNA, gene expression profiling by RNA sequencing of 18 genes, whole blood, algorithm reported as predictive risk score
0296U	Oncology (oral and/or oropharyngeal cancer), gene expression profiling by RNA sequencing of at least 20 molecular features (eg, human and/or microbial mRNA), saliva, algorithm reported as positive or negative for signature associated with malignancy
0297U	Oncology (pan tumor), whole genome sequencing of paired malignant and normal DNA specimens, fresh or formalin-fixed paraffin-embedded (FFPE) tissue, blood or bone marrow, comparative sequence analyses and variant identification
0298U	Oncology (pan tumor), whole transcriptome sequencing of paired malignant and normal RNA specimens, fresh or formalin-fixed paraffin-embedded (FFPE) tissue, blood or bone marrow, comparative sequence analyses and expression level and chimeric transcript identification
0299U	Oncology (pan tumor), whole genome optical genome mapping of paired malignant and normal DNA specimens, fresh frozen tissue, blood, or bone marrow, comparative structural variant identification
0300U	Oncology (pan tumor), whole genome sequencing and optical genome mapping of paired malignant and normal DNA specimens, fresh tissue, blood, or bone marrow, comparative sequence analyses and variant identification
0302T	Insertion or removal and replacement of intracardiac ischemia monitoring system including imaging supervision and interpretation when performed and intra-operative interrogation and programming when performed; complete system (includes device and electrode)
0303T	Insertion or removal and replacement of intracardiac ischemia monitoring system including imaging supervision and interpretation when performed and intra-operative interrogation and programming when performed; electrode only

0304T	Insertion or removal and replacement of intracardiac ischemia monitoring system including imaging supervision and interpretation when performed and intra-operative interrogation and programming when performed; device only
0305T	Programming device evaluation (in person) of intracardiac ischemia monitoring system with iterative adjustment of programmed values, with analysis, review, and report
0306U	Oncology (minimal residual disease [MRD]), next-generation targeted sequencing analysis, cell-free DNA, initial (baseline) assessment to determine a patient-specific panel for future comparisons to evaluate for MRD
0307U	Oncology (minimal residual disease [MRD]), next-generation targeted sequencing analysis of a patient-specific panel, cell-free DNA, subsequent assessment with comparison to previously analyzed patient specimens to evaluate for MRD
0312U	Autoimmune diseases (eg, systemic lupus erythematosus [SLE]), analysis of 8 IgG autoantibodies and 2 cell-bound complement activation products using enzyme-linked immunosorbent immunoassay (ELISA), flow cytometry and indirect immunofluorescence, serum, or plasma and whole blood, individual components reported along with an algorithmic SLE-likelihood assessment
0313U	Oncology (pancreas), DNA and mRNA next-generation sequencing analysis of 74 genes and analysis of CEA (CEACAM5) gene expression, pancreatic cyst fluid, algorithm reported as a categorical result (ie, negative, low probability of neoplasia or positive, high probability of neoplasia)
0314U	Oncology (cutaneous melanoma), mRNA gene expression profiling by RT-PCR of 35 genes (32 content and 3 housekeeping), utilizing formalin-fixed paraffin-embedded (FFPE) tissue, algorithm reported as a categorical result (ie, benign, intermediate, malignant)
0315U	Oncology (cutaneous squamous cell carcinoma), mRNA gene expression profiling by RT-PCR of 40 genes (34 content and 6 housekeeping), utilizing formalin-fixed paraffin-embedded (FFPE) tissue, algorithm reported as a categorical risk result (ie, Class 1, Class 2A, Class 2B)
0317U	Oncology (lung cancer), four-probe FISH (3q29, 3p22.1, 10q22.3, 10cen) assay, whole blood, predictive algorithm-generated evaluation reported as decreased or increased risk for lung cancer
0318U	Pediatrics (congenital epigenetic disorders), whole genome methylation analysis by microarray for 50 or more genes, blood
0319U	Nephrology (renal transplant), RNA expression by select transcriptome sequencing, using pretransplant peripheral blood, algorithm reported as a risk score for early acute rejection
0320U	Nephrology (renal transplant), RNA expression by select transcriptome sequencing, using posttransplant peripheral blood, algorithm reported as a risk score for acute cellular rejection
0321U	Infectious agent detection by nucleic acid (DNA or RNA), genitourinary pathogens, identification of 20 bacterial and fungal organisms and identification of 16 associated antibiotic-resistance genes, multiplex amplified probe technique
0323U	Infectious agent detection by nucleic acid (DNA and RNA), central nervous system pathogen, metagenomic next-generation sequencing, cerebrospinal fluid (CSF), identification of pathogenic bacteria, viruses, parasites, or fungi
0326U	Targeted genomic sequence analysis panel, solid organ neoplasm, cell-free circulating DNA analysis of 83 or more genes, interrogation for sequence variants, gene copy number amplifications, gene rearrangements, microsatellite instability and tumor mutational burden
0329U	Oncology (neoplasia), exome and transcriptome sequence analysis for sequence variants, gene copy number amplifications and deletions, gene rearrangements, microsatellite instability and tumor mutational burden utilizing DNA and RNA from tumor with DNA from

	normal blood or saliva for subtraction, report of clinically significant mutation(s) with therapy associations
0330T	Tear film imaging, unilateral or bilateral, with interpretation and report
0331T	Myocardial sympathetic innervation imaging, planar qualitative and quantitative assessment;
0331U	Oncology (hematolymphoid neoplasia), optical genome mapping for copy number alterations and gene rearrangements utilizing DNA from blood or bone marrow, report of clinically significant alterations
0332T	Myocardial sympathetic innervation imaging, planar qualitative and quantitative assessment; with tomographic SPECT
0332U	Oncology (pan-tumor), genetic profiling of 8 DNA-regulatory (epigenetic) markers by quantitative polymerase chain reaction (qPCR), whole blood, reported as a high or low probability of responding to immune checkpoint-inhibitor therapy
0333U	Oncology (liver), surveillance for hepatocellular carcinoma (HCC) in high-risk patients, analysis of methylation patterns on circulating cell-free DNA (cfDNA) plus measurement of serum of AFP/AFP-L3 and oncoprotein des-gamma-carboxy-prothrombin (DCP), algorithm reported as normal or abnormal result
0334U	Oncology (solid organ), targeted genomic sequence analysis, formalin-fixed paraffin-embedded (FFPE) tumor tissue, DNA analysis, 84 or more genes, interrogation for sequence variants, gene copy number amplifications, gene rearrangements, microsatellite instability and tumor mutational burden
0335T	Insertion of sinus tarsi implant
0335U	Rare diseases (constitutional/heritable disorders), whole genome sequence analysis, including small sequence changes, copy number variants, deletions, duplications, mobile element insertions, uniparental disomy (UPD), inversions, aneuploidy, mitochondrial genome sequence analysis with heteroplasmy and large deletions, short tandem repeat (STR) gene expansions, fetal sample, identification and categorization of genetic variants
0336U	Rare diseases (constitutional/heritable disorders), whole genome sequence analysis, including small sequence changes, copy number variants, deletions, duplications, mobile element insertions, uniparental disomy (UPD), inversions, aneuploidy, mitochondrial genome sequence analysis with heteroplasmy and large deletions, short tandem repeat (STR) gene expansions, blood or saliva, identification and categorization of genetic variants, each comparator genome (eg, parent)
0337U	Oncology (plasma cell disorders and myeloma), circulating plasma cell immunologic selection, identification, morphological characterization, and enumeration of plasma cells based on differential CD138, CD38, CD19, and CD45 protein biomarker expression, peripheral blood
0338T	Transcatheter renal sympathetic denervation, percutaneous approach including arterial puncture, selective catheter placement(s) renal artery(ies), fluoroscopy, contrast injection(s), intraprocedural roadmapping and radiological supervision and interpretation, including pressure gradient measurements, flush aortogram and diagnostic renal angiography when performed; unilateral
0338U	Oncology (solid tumor), circulating tumor cell selection, identification, morphological characterization, detection and enumeration based on differential EpCAM, cytokeratins 8, 18, and 19, and CD45 protein biomarkers, and quantification of HER2 protein biomarker-expressing cells, peripheral blood
0339T	Transcatheter renal sympathetic denervation, percutaneous approach including arterial puncture, selective catheter placement(s) renal artery(ies), fluoroscopy, contrast injection(s),

	intraprocedural roadmapping and radiological supervision and interpretation, including pressure gradient measurements, flush aortogram and diagnostic renal angiography when performed; bilateral
0339U	Oncology (prostate), mRNA expression profiling of HOXC6 and DLX1, reverse transcription polymerase chain reaction (RT-PCR), first-void urine following digital rectal examination, algorithm reported as probability of high-grade cancer
0340U	Oncology (pan-cancer), analysis of minimal residual disease (MRD) from plasma, with assays personalized to each patient based on prior next-generation sequencing of the patient's tumor and germline DNA, reported as absence or presence of MRD, with disease-burden correlation, if appropriate
0342T	Therapeutic apheresis with selective HDL delipidation and plasma reinfusion
0342U	Oncology (pancreatic cancer), multiplex immunoassay of C5, C4, cystatin C, factor B, osteoprotegerin (OPG), gelsolin, IGFBP3, CA125 and multiplex electrochemiluminescent immunoassay (ECLIA) for CA19-9, serum, diagnostic algorithm reported qualitatively as positive, negative, or borderline
0343U	Oncology (prostate), exosome-based analysis of 442 small noncoding RNAs (sncRNAs) by quantitative reverse transcription polymerase chain reaction (RT-qPCR), urine, reported as molecular evidence of no-, low-, intermediate- or high-risk of prostate cancer
0344U	Hepatology (nonalcoholic fatty liver disease [NAFLD]), semiquantitative evaluation of 28 lipid markers by liquid chromatography with tandem mass spectrometry (LC-MS/MS), serum, reported as at-risk for nonalcoholic steatohepatitis (NASH) or not NASH
0345T	Transcatheter mitral valve repair percutaneous approach via the coronary sinus
0345U	Psychiatry (eg, depression, anxiety, attention deficit hyperactivity disorder [ADHD]), genomic analysis panel, variant analysis of 15 genes, including deletion/duplication analysis of CYP2D6
0346U	Beta amyloid, AB40 and AB42 by liquid chromatography with tandem mass spectrometry (LC-MS/MS), ratio, plasma
0347T	Placement of interstitial device(s) in bone for radiostereometric analysis (RSA)
0347U	Drug metabolism or processing (multiple conditions), whole blood or buccal specimen, DNA analysis, 16 gene report, with variant analysis and reported phenotypes
0348T	Radiologic examination, radiostereometric analysis (RSA); spine, (includes, cervical, thoracic and lumbosacral, when performed)
0348U	Drug metabolism or processing (multiple conditions), whole blood or buccal specimen, DNA analysis, 25 gene report, with variant analysis and reported phenotypes
0349T	Radiologic examination, radiostereometric analysis (RSA); upper extremity(ies), (includes shoulder, elbow and wrist, when performed)
0349U	Drug metabolism or processing (multiple conditions), whole blood or buccal specimen, DNA analysis, 27 gene report, with variant analysis, including reported phenotypes and impacted gene-drug interactions
0350T	Radiologic examination, radiostereometric analysis (RSA); lower extremity(ies), (includes hip, proximal femur, knee and ankle, when performed)
0350U	Drug metabolism or processing (multiple conditions), whole blood or buccal specimen, DNA analysis, 27 gene report, with variant analysis and reported phenotypes
0351T	Optical coherence tomography of breast or axillary lymph node, excised tissue, each specimen; real time intraoperative
0352T	Optical coherence tomography of breast or axillary lymph node, excised tissue, each specimen; interpretation and report, real time or referred
0353T	Optical coherence tomography of breast, surgical cavity; real time intraoperative

0354T	Optical coherence tomography of breast, surgical cavity; interpretation and report, real time or referred
0355U	APOL1 (apolipoprotein L1) (eg, chronic kidney disease), risk variants (G1, G2)
0356U	Oncology (oropharyngeal or anal), evaluation of 17 DNA biomarkers using droplet digital PCR (ddPCR), cell-free DNA, algorithm reported as a prognostic risk score for cancer recurrence
0358U	Neurology (mild cognitive impairment), analysis of B-amyloid 1-42 and 1-40, chemiluminescence enzyme immunoassay, cerebral spinal fluid, reported as positive, likely positive, or negative
0359U	Oncology (prostate cancer), analysis of all prostate-specific antigen (PSA) structural isoforms by phase separation and immunoassay, plasma, algorithm reports risk of cancer
0360U	Oncology (lung), enzyme-linked immunosorbent assay (ELISA) of 7 autoantibodies (p53, NY-ESO-1, CAGE, GBU4-5, SOX2, MAGE A4, and HuD), plasma, algorithm reported as a categorical result for risk of malignancy
0361U	Neurofilament light chain, digital immunoassay, plasma, quantitative
0362T	Behavior identification supporting assessment, each 15 minutes of technicians' time face-to-face with a patient, requiring the following components: administration by the physician or other qualified health care professional who is on site; with the assistance of two or more technicians; for a patient who exhibits destructive behavior; completion in an environment that is customized to the patient's behavior.
0362U	Oncology (papillary thyroid cancer), gene-expression profiling via targeted hybrid capture-enrichment RNA sequencing of 82 content genes and 10 housekeeping genes, fine needle aspirate or formalin-fixed paraffin-embedded (FFPE) tissue, algorithm reported as one of three molecular subtypes
0363U	Oncology (urothelial), mRNA, gene-expression profiling by real-time quantitative PCR of 5 genes (MDK, HOXA13, CDC2 [CDK1], IGFBP5, and CXCR2), utilizing urine, algorithm incorporates age, sex, smoking history, and macrohematuria frequency, reported as a risk score for having urothelial carcinoma
0364U	Oncology (hematolymphoid neoplasm), genomic sequence analysis using multiplex (PCR) and next-generation sequencing with algorithm, quantification of dominant clonal sequence(s), reported as presence or absence of minimal residual disease (MRD) with quantitation of disease burden, when appropriate
0368U	Oncology (colorectal cancer), evaluation for mutations of APC, BRAF, CTNNB1, KRAS, NRAS, PIK3CA, SMAD4, and TP53, and methylation markers (MYO1G, KCNQ5, C9ORF50, FLI1, CLIP4, ZNF132 and TWIST1), multiplex quantitative polymerase chain reaction (qPCR), circulating cell-free DNA (cfDNA), plasma, report of risk score for advanced adenoma or colorectal cancer
0369U	Infectious agent detection by nucleic acid (DNA and RNA), gastrointestinal pathogens, 31 bacterial, viral, and parasitic organisms and identification of 21 associated antibiotic-resistance genes, multiplex amplified probe technique
0370U	Infectious agent detection by nucleic acid (DNA and RNA), surgical wound pathogens, 34 microorganisms and identification of 21 associated antibiotic-resistance genes, multiplex amplified probe technique, wound swab
0372U	Infectious disease (genitourinary pathogens), antibiotic-resistance gene detection, multiplex amplified probe technique, urine, reported as an antimicrobial stewardship risk score
0373T	Adaptive behavior treatment with protocol modification, each 15 minutes of technicians' time face-to-face with a patient, requiring the following components: administration by the physician or other qualified health care professional who is on site; with the assistance of two

	or more technicians; for a patient who exhibits destructive behavior; completion in an environment that is customized to the patient's behavior.
0373U	Infectious agent detection by nucleic acid (DNA and RNA), respiratory tract infection, 17 bacteria, 8 fungus, 13 virus, and 16 antibiotic-resistance genes, multiplex amplified probe technique, upper or lower respiratory specimen
0374U	Infectious agent detection by nucleic acid (DNA or RNA), genitourinary pathogens, identification of 21 bacterial and fungal organisms and identification of 21 associated antibiotic-resistance genes, multiplex amplified probe technique, urine
0375T	Total disc arthroplasty (artificial disc), anterior approach, including discectomy with end plate preparation (includes osteophylectomy for nerve root or spinal cord decompression and microdissection), cervical, three or more levels
0376U	Oncology (prostate cancer), image analysis of at least 128 histologic features and clinical factors, prognostic algorithm determining the risk of distant metastases, and prostate cancer-specific mortality, includes predictive algorithm to androgen deprivation-therapy response, if appropriate
0377U	Cardiovascular disease, quantification of advanced serum or plasma lipoprotein profile, by nuclear magnetic resonance (NMR) spectrometry with report of a lipoprotein profile (including 23 variables)
0378T	Visual field assessment, with concurrent real time data analysis and accessible data storage with patient initiated data transmitted to a remote surveillance center for up to 30 days; review and interpretation with report by a physician or other qualified health care professional
0378U	RFC1 (replication factor C subunit 1), repeat expansion variant analysis by traditional and repeat-primed PCR, blood, saliva, or buccal swab
0379T	Visual field assessment, with concurrent real time data analysis and accessible data storage with patient initiated data transmitted to a remote surveillance center for up to 30 days; technical support and patient instructions, surveillance, analysis, and transmission of daily and emergent data reports as prescribed by a physician or other qualified health care professional
0379U	Targeted genomic sequence analysis panel, solid organ neoplasm, DNA (523 genes) and RNA (55 genes) by next-generation sequencing, interrogation for sequence variants, gene copy number amplifications, gene rearrangements, microsatellite instability, and tumor mutational burden
0380U	Drug metabolism (adverse drug reactions and drug response), targeted sequence analysis, 20 gene variants and CYP2D6 deletion or duplication analysis with reported genotype and phenotype
0388U	Oncology (non-small cell lung cancer), next-generation sequencing with identification of single nucleotide variants, copy number variants, insertions and deletions, and structural variants in 37 cancer-related genes, plasma, with report for alteration detection
0389U	Pediatric febrile illness (Kawasaki disease [KD]), interferon alpha-inducible protein 27 (IFI27) and mast cell-expressed membrane protein 1 (MCEMP1), RNA, using quantitative reverse transcription polymerase chain reaction (RT-qPCR), blood, reported as a risk score for KD
0390U	Obstetrics (preeclampsia), kinase insert domain receptor (KDR), Endoglin (ENG), and retinol-binding protein 4 (RBP4), by immunoassay, serum, algorithm reported as a risk score
0391U	Oncology (solid tumor), DNA and RNA by next-generation sequencing, utilizing formalin-fixed paraffin-embedded (FFPE) tissue, 437 genes, interpretive report for single nucleotide variants, splice-site variants, insertions/deletions, copy number alterations, gene fusions, tumor

	mutational burden, and microsatellite instability, with algorithm quantifying immunotherapy response score
0392U	Drug metabolism (depression, anxiety, attention deficit hyperactivity disorder [ADHD]), gene-drug interactions, variant analysis of 16 genes, including deletion/duplication analysis of CYP2D6, reported as impact of gene-drug interaction for each drug
0396U	Obstetrics (pre-implantation genetic testing), evaluation of 300000 DNA single-nucleotide polymorphisms (SNPs) by microarray, embryonic tissue, algorithm reported as a probability for single-gene germline conditions
0398T	Magnetic resonance image guided high intensity focused ultrasound (MRgFUS), stereotactic ablation lesion, intracranial for movement disorder including stereotactic navigation and frame placement when performed
0400U	Obstetrics (expanded carrier screening), 145 genes by next-generation sequencing, fragment analysis and multiplex ligation-dependent probe amplification, DNA, reported as carrier positive or negative
0401U	Cardiology (coronary heart disease [CHD]), 9 genes (12 variants), targeted variant genotyping, blood, saliva, or buccal swab, algorithm reported as a genetic risk score for a coronary event
0403U	Oncology (prostate), mRNA, gene expression profiling of 18 genes, first-catch urine, algorithm reported as percentage of likelihood of detecting clinically significant prostate cancer
0405U	Oncology (pancreatic), 59 methylation haplotype block markers, next-generation sequencing, plasma, reported as cancer signal detected or not detected
0407U	Nephrology (diabetic chronic kidney disease [CKD]), multiplex electrochemiluminescent immunoassay (ECLIA) of soluble tumor necrosis factor receptor 1 (sTNFR1), soluble tumor necrosis receptor 2 (sTNFR2), and kidney injury molecule 1 (KIM-1) combined with clinical data, plasma, algorithm reported as risk for progressive decline in kidney function
0408T	Insertion or replacement of permanent cardiac contractility modulation system, including contractility evaluation when performed, and programming of sensing and therapeutic parameters; pulse generator with transvenous electrodes
0409T	Insertion or replacement of permanent cardiac contractility modulation system, including contractility evaluation when performed, and programming of sensing and therapeutic parameters; pulse generator only
0409U	Oncology (solid tumor), DNA (80 genes) and RNA (36 genes), by next-generation sequencing from plasma, including single nucleotide variants, insertions/deletions, copy number alterations, microsatellite instability, and fusions, report showing identified mutations with clinical actionability
0410T	Insertion or replacement of permanent cardiac contractility modulation system, including contractility evaluation when performed, and programming of sensing and therapeutic parameters; atrial electrode only
0410U	Oncology (pancreatic), DNA, whole genome sequencing with 5-hydroxymethylcytosine enrichment, whole blood or plasma, algorithm reported as cancer detected or not detected
0411T	Insertion or replacement of permanent cardiac contractility modulation system, including contractility evaluation when performed, and programming of sensing and therapeutic parameters; ventricular electrode only
0411U	Psychiatry (eg, depression, anxiety, attention deficit hyperactivity disorder [ADHD]), genomic analysis panel, variant analysis of 15 genes, including deletion/duplication analysis of CYP2D6
0412T	Removal of permanent cardiac contractility modulation system; pulse generator only
0412U	Beta amyloid, AB42/40 ratio, immunoprecipitation with quantitation by liquid chromatography with tandem mass spectrometry (LC-MS/MS) and qualitative ApoE isoform-specific

	proteotyping, plasma combined with age, algorithm reported as presence or absence of brain amyloid pathology
0413T	Removal of permanent cardiac contractility modulation system; transvenous electrode (atrial or ventricular)
0413U	Oncology (hematolymphoid neoplasm), optical genome mapping for copy number alterations, aneuploidy, and balanced/complex structural rearrangements, DNA from blood or bone marrow, report of clinically significant alterations
0414T	Removal and replacement of permanent cardiac contractility modulation system pulse generator only
0414U	Oncology (lung), augmentative algorithmic analysis of digitized whole slide imaging for 8 genes (ALK, BRAF, EGFR, ERBB2, MET, NTRK1-3, RET, ROS1), and KRAS G12C and PD-L1, if performed, formalin-fixed paraffin-embedded (FFPE) tissue, reported as positive or negative for each biomarker
0415T	Repositioning of previously implanted cardiac contractility modulation transvenous electrode, (atrial or ventricular lead)
0415U	Cardiovascular disease (acute coronary syndrome [ACS]), IL-16, FAS, FASLigand, HGF, CTACK, EOTAXIN, and MCP-3 by immunoassay combined with age, sex, family history, and personal history of diabetes, blood, algorithm reported as a 5-year (deleted risk) score for ACS
0416T	Relocation of skin pocket for implanted cardiac contractility modulation pulse generator
0417T	Programming device evaluation (in person) with iterative adjustment of the implantable device to test the function of the device and select optimal permanent programmed values with analysis, including review and report, implantable cardiac contractility modulation system
0417U	Rare diseases (constitutional/heritable disorders), whole mitochondrial genome sequence with heteroplasmy detection and deletion analysis, nuclear-encoded mitochondrial gene analysis of 335 nuclear genes, including sequence changes, deletions, insertions, and copy number variants analysis, blood or saliva, identification and categorization of mitochondrial disorder-associated genetic variants
0418T	Interrogation device evaluation (in person) with analysis, review and report, includes connection, recording and disconnection per patient encounter, implantable cardiac contractility modulation system
0419U	Neuropsychiatry (eg, depression, anxiety), genomic sequence analysis panel, variant analysis of 13 genes, saliva or buccal swab, report of each gene phenotype
0420U	Oncology (urothelial), mRNA expression profiling by real-time quantitative PCR of MDK, HOXA13, CDC2, IGFBP5, and CXCR2 in combination with droplet digital PCR (ddPCR) analysis of 6 single-nucleotide polymorphisms (SNPs) genes TERT and FGFR3, urine, algorithm reported as a risk score for urothelial carcinoma
0422U	Oncology (pan-solid tumor), analysis of DNA biomarker response to anti-cancer therapy using cell-free circulating DNA, biomarker comparison to a previous baseline pre-treatment cell-free circulating DNA analysis using next-generation sequencing, algorithm reported as a quantitative change from baseline, including specific alterations, if appropriate
0423U	Psychiatry (eg, depression, anxiety), genomic analysis panel, including variant analysis of 26 genes, buccal swab, report including metabolizer status and risk of drug toxicity by condition
0424T	Insertion or replacement of neurostimulator system for treatment of central sleep apnea; complete system (transvenous placement of right or left stimulation lead, sensing lead, implantable pulse generator)

0424U	Oncology (prostate), exosome-based analysis of 53 small noncoding RNAs (sncRNAs) by quantitative reverse transcription polymerase chain reaction (RT-qPCR), urine, reported as no molecular evidence, low-, moderate- or elevated-risk of prostate cancer
0425T	Insertion or replacement of neurostimulator system for treatment of central sleep apnea; sensing lead only
0425U	Genome (eg, unexplained constitutional or heritable disorder or syndrome), rapid sequence analysis, each comparator genome (eg, parents, siblings)
0426T	Insertion or replacement of neurostimulator system for treatment of central sleep apnea; stimulation lead only
0426U	Genome (eg, unexplained constitutional or heritable disorder or syndrome), ultra-rapid sequence analysis
0427T	Insertion or replacement of neurostimulator system for treatment of central sleep apnea; pulse generator only
0428T	Removal of neurostimulator system for treatment of central sleep apnea; pulse generator only
0428U	Oncology (breast), targeted hybrid-capture genomic sequence analysis panel, circulating tumor DNA (ctDNA) analysis of 56 or more genes, interrogation for sequence variants, gene copy number amplifications, gene rearrangements, microsatellite instability, and tumor mutation burden
0429T	Removal of neurostimulator system for treatment of central sleep apnea; sensing lead only
0430T	Removal of neurostimulator system for treatment of central sleep apnea; stimulation lead only
0430U	Gastroenterology, malabsorption evaluation of alpha-1-antitrypsin, calprotectin, pancreatic elastase and reducing substances, feces, quantitative
0431T	Removal and replacement of neurostimulator system for treatment of central sleep apnea, pulse generator only
0432T	Repositioning of neurostimulator system for treatment of central sleep apnea; stimulation lead only
0433T	Repositioning of neurostimulator system for treatment of central sleep apnea; sensing lead only
0433U	Oncology (prostate), 5 DNA regulatory markers by quantitative PCR, whole blood, algorithm, including prostate-specific antigen, reported as likelihood of cancer
0434T	Interrogation device evaluation implanted neurostimulator pulse generator system for central sleep apnea
0434U	Drug metabolism (adverse drug reactions and drug response), genomic analysis panel, variant analysis of 25 genes with reported phenotypes
0435T	Programming device evaluation of implanted neurostimulator pulse generator system for central sleep apnea; single session
0435U	Oncology, chemotherapeutic drug cytotoxicity assay of cancer stem cells (CSCs), from cultured CSCs and primary tumor cells, categorical drug response reported based on cytotoxicity percentage observed, minimum of 14 drugs or drug combinations
0436T	Programming device evaluation of implanted neurostimulator pulse generator system for central sleep apnea; during sleep study
0437U	Psychiatry (anxiety disorders), mRNA, gene expression profiling by RNA sequencing of 15 biomarkers, whole blood, algorithm reported as predictive risk score
0438U	Drug metabolism (adverse drug reactions and drug response), buccal specimen, gene-drug interactions, variant analysis of 33 genes, including deletion/duplication analysis of CYP2D6, including reported phenotypes and impacted gene-drug interactions

0445U	B-amyloid (Abeta42) and phospho tau (181P) (pTau181), electrochemiluminescent immunoassay (ECLIA), cerebral spinal fluid, ratio reported as positive or negative for amyloid pathology
0449T	Insertion of aqueous drainage device, without extraocular reservoir, internal approach, into the subconjunctival space; initial device
0450T	Insertion of aqueous drainage device, without extraocular reservoir, internal approach, into the subconjunctival space; each additional device (List separately in addition to code for primary procedure)
0472T	Device evaluation, interrogation, and initial programming of intraocular retinal electrode array (eg, retinal prosthesis), in person, with iterative adjustment of the implantable device to test functionality, select optimal permanent programmed values with analysis, including visual training, with review and report by a qualified health care professional
0473T	Device evaluation and interrogation of intraocular retinal electrode array (eg, retinal prosthesis), in person, including reprogramming and visual training, when performed, with review and report by a qualified health care professional
0474T	Insertion of anterior segment aqueous drainage device, with creation of intraocular reservoir, internal approach, into the supraciliary space
0481T	Injection(s), autologous white blood cell concentrate (autologous protein solution), any site, including image guidance, harvesting and preparation, when performed
0483T	Transcatheter mitral valve implantation/replacement (TMVI) with prosthetic valve; percutaneous approach, including transeptal puncture, when performed
0484T	Transcatheter mitral valve implantation/replacement (TMVI) with prosthetic valve; transthoracic exposure (eg, thoracotomy, transapical)
0489T	Autologous adipose-derived regenerative cell therapy for scleroderma in the hands; adipose tissue harvesting, isolation and preparation of harvested cells including incubation with cell dissociation enzymes, removal of non-viable cells and debris, determination of concentration and dilution of regenerative cells
0490T	Autologous adipose-derived regenerative cell therapy for scleroderma in the hands; multiple injections in one or both hands
0494T	Surgical preparation and cannulation of marginal (extended) cadaver donor lung(s) to ex vivo organ perfusion system, including decannulation, separation from the perfusion system, and cold preservation of the allograft prior to implantation, when performed
0495T	Initiation and monitoring marginal (extended) cadaver donor lung(s) organ perfusion system by physician or qualified health care professional, including physiological and laboratory assessment (eg, pulmonary artery flow, pulmonary artery pressure, left atrial pressure, pulmonary vascular resistance, mean/peak and plateau airway pressure, dynamic compliance and perfusate gas analysis), including bronchoscopy and X ray when performed; first two hours in sterile field
0505T	Endovenous femoral-popliteal arterial revascularization, with transcatheter placement of intravascular stent graft(s) and closure by any method, including percutaneous or open vascular access, ultrasound guidance for vascular access when performed, all catheterization(s) and intraprocedural roadmapping and imaging guidance necessary to complete the intervention, all associated radiological supervision and interpretation, when performed, with crossing of the occlusive lesion in an extraluminal fashion
0510T	Removal of sinus tarsi implant
0511T	Removal and reinsertion of sinus tarsi implant

0512T	Extracorporeal shock wave for integumentary wound healing, including topical application and dressing care; initial wound
0515T	Insertion of wireless cardiac stimulator for left ventricular pacing, including device interrogation and programming, and imaging supervision and interpretation, when performed; complete system (includes electrode and generator [transmitter and battery])
0516T	Insertion of wireless cardiac stimulator for left ventricular pacing, including device interrogation and programming, and imaging supervision and interpretation, when performed; electrode only
0517T	Insertion of wireless cardiac stimulator for left ventricular pacing, including device interrogation and programming, and imaging supervision and interpretation, when performed; both components of pulse generator (battery and transmitter) only
0518T	Removal of pulse generator for wireless cardiac stimulator for left ventricular pacing; battery component only
0519T	Removal and replacement of pulse generator for wireless cardiac stimulator for left ventricular pacing, including device interrogation and programming; both components (battery and transmitter)
0520T	Removal and replacement of pulse generator for wireless cardiac stimulator for left ventricular pacing, including device interrogation and programming; battery component only
0521T	Interrogation device evaluation (in person) with analysis, review and report, includes connection, recording, and disconnection per patient encounter, wireless cardiac stimulator for left ventricular pacing
0522T	Programming device evaluation (in person) with iterative adjustment of the implantable device to test the function of the device and select optimal permanent programmed values with analysis, including review and report, wireless cardiac stimulator for left ventricular pacing
0524T	Endovenous catheter directed chemical ablation with balloon isolation of incompetent extremity vein, open or percutaneous, including all vascular access, catheter manipulation, diagnostic imaging, imaging guidance and monitoring
0525T	Insertion or replacement of intracardiac ischemia monitoring system, including testing of the lead and monitor, initial system programming, and imaging supervision and interpretation; complete system (electrode and implantable monitor)
0526T	Insertion or replacement of intracardiac ischemia monitoring system, including testing of the lead and monitor, initial system programming, and imaging supervision and interpretation; electrode only
0527T	Insertion or replacement of intracardiac ischemia monitoring system, including testing of the lead and monitor, initial system programming, and imaging supervision and interpretation; implantable monitor only
0528T	Programming device evaluation (in person) of intracardiac ischemia monitoring system with iterative adjustment of programmed values, with analysis, review, and report
0529T	Interrogation device evaluation (in person) of intracardiac ischemia monitoring system with analysis, review, and report
0530T	Removal of intracardiac ischemia monitoring system, including all imaging supervision and interpretation; complete system (electrode and implantable monitor)
0531T	Removal of intracardiac ischemia monitoring system, including all imaging supervision and interpretation; electrode only
0532T	Removal of intracardiac ischemia monitoring system, including all imaging supervision and interpretation; implantable monitor only

0537T	Chimeric antigen receptor T-cell (CAR-T) therapy; harvesting of blood-derived T lymphocytes for development of genetically modified autologous CAR-T cells, per day
0538T	Chimeric antigen receptor T-cell (CAR-T) therapy; preparation of blood-derived T lymphocytes for transportation (eg, cryopreservation, storage)
0539T	Chimeric antigen receptor T-cell (CAR-T) therapy; receipt and preparation of CAR-T cells for administration
0540T	Chimeric antigen receptor T-cell (CAR-T) therapy; CAR-T cell administration, autologous
0544T	Transcatheter mitral valve annulus reconstruction, with implantation of adjustable annulus reconstruction device, percutaneous approach including transseptal puncture
0545T	Transcatheter tricuspid valve annulus reconstruction with implantation of adjustable annulus reconstruction device, percutaneous approach
0546T	Radiofrequency spectroscopy, real time, intraoperative margin assessment, at the time of partial mastectomy, with report
0552T	Low-level laser therapy, dynamic photonic and dynamic thermokinetic energies, provided by a physician or other qualified health care professional
0563T	Evacuation of meibomian glands, using heat delivered through wearable, open-eye eyelid treatment devices and manual gland expression, bilateral
0564T	Oncology, chemotherapeutic drug cytotoxicity assay of cancer stem cells (CSCs), from cultured CSCs and primary tumor cells, categorical drug response reported based on percent of cytotoxicity observed, a minimum of 14 drugs or drug combinations
0565T	Autologous cellular implant derived from adipose tissue for the treatment of osteoarthritis of the knees; tissue harvesting and cellular implant creation
0566T	Autologous cellular implant derived from adipose tissue for the treatment of osteoarthritis of the knees; injection of cellular implant into knee joint including ultrasound guidance, unilateral
0569T	Transcatheter tricuspid valve repair, percutaneous approach; initial prosthesis
0581T	Ablation, malignant breast tumor(s), percutaneous, cryotherapy, including imaging guidance when performed, unilateral
0584T	Islet cell transplant, includes portal vein catheterization and infusion, including all imaging, including guidance, and radiological supervision and interpretation, when performed; percutaneous
0585T	Islet cell transplant, includes portal vein catheterization and infusion, including all imaging, including guidance, and radiological supervision and interpretation, when performed; laparoscopic
0586T	Islet cell transplant, includes portal vein catheterization and infusion, including all imaging, including guidance, and radiological supervision and interpretation, when performed; open
0587T	Percutaneous implantation or replacement of integrated single device neurostimulation system for bladder dysfunction including electrode array and receiver or pulse generator, including analysis, programming, and imaging guidance when performed, posterior tibial nerve
0588T	Revision or removal of percutaneously placed integrated single device neurostimulation system for bladder dysfunction including electrode array and receiver or pulse generator, including analysis, programming, and imaging guidance when performed, posterior tibial nerve
0596T	Temporary female intraurethral valve-pump (ie, voiding prosthesis); initial insertion, including urethral measurement
0597T	Temporary female intraurethral valve-pump (ie, voiding prosthesis); replacement
0600T	Ablation, irreversible electroporation; 1 or more tumors per organ, including imaging guidance, when performed, percutaneous

0601T	Ablation, irreversible electroporation; 1 or more tumors per organ, including fluoroscopic and ultrasound guidance, when performed, open
0607T	Remote monitoring of an external continuous pulmonary fluid monitoring system, including measurement of radiofrequency-derived pulmonary fluid levels, heart rate, respiration rate, activity, posture, and cardiovascular rhythm (eg, ECG data), transmitted to a remote 24-hour attended surveillance center; set-up and patient education on use of equipment
0608T	Remote monitoring of an external continuous pulmonary fluid monitoring system, including measurement of radiofrequency-derived pulmonary fluid levels, heart rate, respiration rate, activity, posture, and cardiovascular rhythm (eg, ECG data), transmitted to a remote 24-hour attended surveillance center; analysis of data received and transmission of reports to the physician or other qualified health care professional
0615T	Automated analysis of binocular eye movements without spatial calibration, including disconjugacy, saccades, and pupillary dynamics for the assessment of concussion, with interpretation and report
0616T	Insertion of iris prosthesis, including suture fixation and repair or removal of iris, when performed; without removal of crystalline lens or intraocular lens, without insertion of intraocular lens
0617T	Insertion of iris prosthesis, including suture fixation and repair or removal of iris, when performed; with removal of crystalline lens and insertion of intraocular lens
0618T	Insertion of iris prosthesis, including suture fixation and repair or removal of iris, when performed; with secondary intraocular lens placement or intraocular lens exchange
0620T	Endovascular venous arterialization, tibial or peroneal vein, with transcatheter placement of intravascular stent graft(s) and closure by any method, including percutaneous or open vascular access, ultrasound guidance for vascular access when performed, all catheterization(s) and intraprocedural roadmapping and imaging guidance necessary to complete the intervention, all associated radiological supervision and interpretation, when performed
0627T	Percutaneous injection of allogeneic cellular and/or tissue-based product, intervertebral disc, unilateral or bilateral injection, with fluoroscopic guidance, lumbar; first level
0629T	Percutaneous injection of allogeneic cellular and/or tissue-based product, intervertebral disc, unilateral or bilateral injection, with CT guidance, lumbar; first level
0633T	Computed tomography, breast, including 3D rendering, when performed, unilateral; without contrast material
0634T	Computed tomography, breast, including 3D rendering, when performed, unilateral; with contrast material(s)
0635T	Computed tomography, breast, including 3D rendering, when performed, unilateral; without contrast, followed by contrast material(s)
0636T	Computed tomography, breast, including 3D rendering, when performed, bilateral; without contrast material(s)
0637T	Computed tomography, breast, including 3D rendering, when performed, bilateral; with contrast material(s)
0638T	Computed tomography, breast, including 3D rendering, when performed, bilateral; without contrast, followed by contrast material(s)
0646T	Transcatheter tricuspid valve implantation (TTVI)/replacement with prosthetic valve, percutaneous approach, including right heart catheterization, temporary pacemaker insertion, and selective right ventricular or right atrial angiography, when performed

0648T	Quantitative magnetic resonance for analysis of tissue composition (eg, fat, iron, water content), including multiparametric data acquisition, data preparation and transmission, interpretation and report, obtained without diagnostic MRI examination of the same anatomy (eg, organ, gland, tissue, target structure) during the same session; single organ
0652T	Esophagogastroduodenoscopy, flexible, transnasal; diagnostic, including collection of specimen(s) by brushing or washing, when performed (separate procedure)
0653T	Esophagogastroduodenoscopy, flexible, transnasal; with biopsy, single or multiple
0654T	Esophagogastroduodenoscopy, flexible, transnasal; with insertion of intraluminal tube or catheter
0655T	Transperineal focal laser ablation of malignant prostate tissue, including transrectal imaging guidance, with MR-fused images or other enhanced ultrasound imaging
0656T	Anterior lumbar or thoracolumbar vertebral body tethering; up to 7 vertebral segments
0657T	Anterior lumbar or thoracolumbar vertebral body tethering; 8 or more vertebral segments
0658T	Electrical impedance spectroscopy of 1 or more skin lesions for automated melanoma risk score
0659T	Transcatheter intracoronary infusion of supersaturated oxygen in conjunction with percutaneous coronary revascularization during acute myocardial infarction, including catheter placement, imaging guidance (eg, fluoroscopy), angiography, and radiologic supervision and interpretation
0664T	Donor hysterectomy (including cold preservation); open, from cadaver donor
0665T	Donor hysterectomy (including cold preservation); open, from living donor
0666T	Donor hysterectomy (including cold preservation); laparoscopic or robotic, from living donor
0667T	Donor hysterectomy (including cold preservation); recipient uterus allograft transplantation from cadaver or living donor
0668T	Backbench standard preparation of cadaver or living donor uterine allograft prior to transplantation, including dissection and removal of surrounding soft tissues and preparation of uterine vein(s) and uterine artery(ies), as necessary
0669T	Backbench reconstruction of cadaver or living donor uterus allograft prior to transplantation; venous anastomosis, each
0670T	Backbench reconstruction of cadaver or living donor uterus allograft prior to transplantation; arterial anastomosis, each
0671T	Insertion of anterior segment aqueous drainage device into the trabecular meshwork, without external reservoir, and without concomitant cataract removal, one or more
0672T	Endovaginal cryogen-cooled, monopolar radiofrequency remodeling of the tissues surrounding the female bladder neck and proximal urethra for urinary incontinence
0673T	Ablation, benign thyroid nodule(s), percutaneous, laser, including imaging guidance
0687T	Treatment of amblyopia using an online digital program; device supply, educational set-up, and initial session
0688T	Treatment of amblyopia using an online digital program; assessment of patient performance and program data by physician or other qualified health care professional, with report, per calendar month
0689T	Quantitative ultrasound tissue characterization (non-elastographic), including interpretation and report, obtained without diagnostic ultrasound examination of the same anatomy (eg, organ, gland, tissue, target structure)

0690T	Quantitative ultrasound tissue characterization (non-elastographic), including interpretation and report, obtained with diagnostic ultrasound examination of the same anatomy (eg, organ, gland, tissue, target structure) (List separately in addition to code for primary procedure)
0692T	Therapeutic ultrafiltration
0700T	Molecular fluorescent imaging of suspicious nevus; first lesion
0704T	Remote treatment of amblyopia using an eye tracking device; device supply with initial set-up and patient education on use of equipment
0705T	Remote treatment of amblyopia using an eye tracking device; surveillance center technical support including data transmission with analysis, with a minimum of 18 training hours, each 30 days
0706T	Remote treatment of amblyopia using an eye tracking device; interpretation and report by physician or other qualified health care professional, per calendar month
0717T	Autologous adipose-derived regenerative cell (ADRC) therapy for partial thickness rotator cuff tear; adipose tissue harvesting, isolation and preparation of harvested cells, including incubation with cell dissociation enzymes, filtration, washing and concentration of ADRCs
0718T	Autologous adipose-derived regenerative cell (ADRC) therapy for partial thickness rotator cuff tear; injection into supraspinatus tendon including ultrasound guidance, unilateral
0720T	Percutaneous electrical nerve field stimulation, cranial nerves, without implantation
0736T	Colonic lavage, 35 or more liters of water, gravity-fed, with induced defecation, including insertion of rectal catheter
0738T	Treatment planning for magnetic field induction ablation of malignant prostate tissue, using data from previously performed magnetic resonance imaging (MRI) examination
0739T	Ablation of malignant prostate tissue by magnetic field induction, including all intraprocedural, transperineal needle/catheter placement for nanoparticle installation and intraprocedural temperature monitoring, thermal dosimetry, bladder irrigation, and magnetic field nanoparticle activation
0745T	Cardiac focal ablation utilizing radiation therapy for arrhythmia; noninvasive arrhythmia localization and mapping of arrhythmia site (nidus), derived from anatomical image data (eg, CT, MRI, or myocardial perfusion scan) and electrical data (eg, 12-lead ECG data), and identification of areas of avoidance
0746T	Cardiac focal ablation utilizing radiation therapy for arrhythmia; conversion of arrhythmia localization and mapping of arrhythmia site (nidus) into a multidimensional radiation treatment plan
0747T	Cardiac focal ablation utilizing radiation therapy for arrhythmia; delivery of radiation therapy, arrhythmia
0748T	Injections of stem cell product into perianal perifistular soft tissue, including fistula preparation (eg, removal of setons, fistula curettage, closure of internal openings)
0766T	Transcutaneous magnetic stimulation by focused low-frequency electromagnetic pulse, peripheral nerve, with identification and mapping of the treatment location, including noninvasive electroneurographic localization (nerve conduction localization), when performed; first nerve
0771T	Virtual reality (VR) procedural dissociation services provided by the same physician or other qualified health care professional performing the diagnostic or therapeutic service that the VR procedural dissociation supports, requiring the presence of an independent, trained observer to assist in the monitoring of the patient's level of dissociation or consciousness and physiological status; initial 15 minutes of intraservice time, patient age 5 years or older

0773T	Virtual reality (VR) procedural dissociation services provided by a physician or other qualified health care professional other than the physician or other qualified health care professional performing the diagnostic or therapeutic service that the VR procedural dissociation supports; initial 15 minutes of intraservice time, patient age 5 years or older
0778T	Surface mechanomyography (sMMG) with concurrent application of inertial measurement unit (IMU) sensors for measurement of multi-joint range of motion, posture, gait, and muscle function
0783T	Transcutaneous auricular neurostimulation, set-up, calibration, and patient education on use of equipment
0786T	Insertion or replacement of percutaneous electrode array, sacral, with integrated neurostimulator, including imaging guidance, when performed
0787T	Revision or removal of neurostimulator electrode array, sacral, with integrated neurostimulator
0790T	Revision (eg, augmentation, division of tether), replacement, or removal of thoracolumbar or lumbar vertebral body tethering, including thoracoscopy, when performed
0795T	Transcatheter insertion of permanent dual-chamber leadless pacemaker, including imaging guidance (eg, fluoroscopy, venous ultrasound, right atrial angiography, right ventriculography, femoral venography) and device evaluation (eg, interrogation or programming), when performed; complete system (ie, right atrial and right ventricular pacemaker components)
0796T	Transcatheter insertion of permanent dual-chamber leadless pacemaker, including imaging guidance (eg, fluoroscopy, venous ultrasound, right atrial angiography, right ventriculography, femoral venography) and device evaluation (eg, interrogation or programming), when performed; right atrial pacemaker component (when an existing right ventricular single leadless pacemaker exists to create a dual-chamber leadless pacemaker system)
0797T	Transcatheter insertion of permanent dual-chamber leadless pacemaker, including imaging guidance (eg, fluoroscopy, venous ultrasound, right atrial angiography, right ventriculography, femoral venography) and device evaluation (eg, interrogation or programming), when performed; right ventricular pacemaker component (when part of a dual-chamber leadless pacemaker system)
0798T	Transcatheter removal of permanent dual-chamber leadless pacemaker, including imaging guidance (eg, fluoroscopy, venous ultrasound, right atrial angiography, right ventriculography, femoral venography), when performed; complete system (ie, right atrial and right ventricular pacemaker components)
0799T	Transcatheter removal of permanent dual-chamber leadless pacemaker, including imaging guidance (eg, fluoroscopy, venous ultrasound, right atrial angiography, right ventriculography, femoral venography), when performed; right atrial pacemaker component
0800T	Transcatheter removal of permanent dual-chamber leadless pacemaker, including imaging guidance (eg, fluoroscopy, venous ultrasound, right atrial angiography, right ventriculography, femoral venography), when performed; right ventricular pacemaker component (when part of a dual-chamber leadless pacemaker system)
0801T	Transcatheter removal and replacement of permanent dual-chamber leadless pacemaker, including imaging guidance (eg, fluoroscopy, venous ultrasound, right atrial angiography, right ventriculography, femoral venography) and device evaluation (eg, interrogation or programming), when performed; dual-chamber system (ie, right atrial and right ventricular pacemaker components)
0802T	Transcatheter removal and replacement of permanent dual-chamber leadless pacemaker, including imaging guidance (eg, fluoroscopy, venous ultrasound, right atrial angiography, right

	ventriculography, femoral venography) and device evaluation (eg, interrogation or programming), when performed; right atrial pacemaker component
0803T	Transcatheter removal and replacement of permanent dual-chamber leadless pacemaker, including imaging guidance (eg, fluoroscopy, venous ultrasound, right atrial angiography, right ventriculography, femoral venography) and device evaluation (eg, interrogation or programming), when performed; right ventricular pacemaker component (when part of a dual-chamber leadless pacemaker system)
0804T	Programming device evaluation (in person) with iterative adjustment of implantable device to test the function of device and to select optimal permanent programmed values, with analysis, review, and report, by a physician or other qualified health care professional, leadless pacemaker system in dual cardiac chambers
0810T	Subretinal injection of a pharmacologic agent, including vitrectomy and 1 or more retinotomies
0813T	Esophagogastroduodenoscopy, flexible, transoral, with volume adjustment of intragastric bariatric balloon
0816T	Open insertion or replacement of integrated neurostimulation system for bladder dysfunction including electrode(s) (eg, array or leadless), and pulse generator or receiver, including analysis, programming, and imaging guidance, when performed, posterior tibial nerve; subcutaneous
0817T	Open insertion or replacement of integrated neurostimulation system for bladder dysfunction including electrode(s) (eg, array or leadless), and pulse generator or receiver, including analysis, programming, and imaging guidance, when performed, posterior tibial nerve; subfascial
0818T	Revision or removal of integrated neurostimulation system for bladder dysfunction, including analysis, programming, and imaging, when performed, posterior tibial nerve; subcutaneous
0819T	Revision or removal of integrated neurostimulation system for bladder dysfunction, including analysis, programming, and imaging, when performed, posterior tibial nerve; subfascial
0823T	Transcatheter insertion of permanent single-chamber leadless pacemaker, right atrial, including imaging guidance (eg, fluoroscopy, venous ultrasound, right atrial angiography and/or right ventriculography, femoral venography, cavography) and device evaluation (eg, interrogation or programming), when performed
0824T	Transcatheter removal of permanent single-chamber leadless pacemaker, right atrial, including imaging guidance (eg, fluoroscopy, venous ultrasound, right atrial angiography and/or right ventriculography, femoral venography, cavography), when performed
0825T	Transcatheter removal and replacement of permanent single-chamber leadless pacemaker, right atrial, including imaging guidance (eg, fluoroscopy, venous ultrasound, right atrial angiography and/or right ventriculography, femoral venography, cavography) and device evaluation (eg, interrogation or programming), when performed
0826T	Programming device evaluation (in person) with iterative adjustment of the implantable device to test the function of the device and select optimal permanent programmed values with analysis, review and report by a physician or other qualified health care professional, leadless pacemaker system in single-cardiac chamber
0861T	Removal of pulse generator for wireless cardiac stimulator for left ventricular pacing; both components (battery and transmitter)
0862T	Relocation of pulse generator for wireless cardiac stimulator for left ventricular pacing, including device interrogation and programming; battery component only
0863T	Relocation of pulse generator for wireless cardiac stimulator for left ventricular pacing, including device interrogation and programming; transmitter component only

0864T	Low-intensity extracorporeal shock wave therapy involving corpus cavernosum, low energy
A0430	Fixed Wing Air Transport
A0431	Rotary Wing Air Transport
A0435	Fixed Wing Air Mileage
A0436	Rotary Wing Air Mileage
A2001	InnovaMatrix AC, per sq cm
A2002	Mirrugen Advanced Wound Matrix, per sq cm
A2004	XCelliStem, 1 mg
A2005	Microlyte Matrix, per sq cm
A2006	Novosorb synpath dermal matrix, per square centimeter
A2007	Restrata, per square centimeter
A2008	Theragenesis, per square centimeter
A2009	Symphony, per square centimeter
A2010	Apis, per square centimeter
A2011	Supra SDRM, per sq cm
A2012	SUPRATHEL, per sq cm
A2013	Innovamatrix FS, per sq cm
A2014	Omeza collagen matrix, per 100 mg
A2015	Phoenix Wound Matrix, per sq cm
A2016	Permeaderm b, per square centimeter
A2017	PermeaDerm Glove, each
A2018	Permeaderm c, per square centimeter
A2019	Kerecis omega3 marigen shield, per square centimeter
A2020	Ac5 advanced wound system (ac5)
A2021	Neomatrix, per square centimeter
A2022	InnovaBurn or InnovaMatrix XL, per sq cm
A2023	InnovaMatrix PD, 1 mg
A2024	Resolve matrix or xenopatch, per square centimeter
A2025	Miro3D, per cu cm
A2026	Restrata MiniMatrix, 5 mg
A4341	Indwelling intraurethral drainage device with valve, patient inserted, replacement only, each
A4342	Accessories for patient inserted indwelling intraurethral drainage device with valve, replacement only, each
A4438	Adhesive clip applied to the skin to secure external electrical nerve stimulator controller, each
A4468	Exsufflation belt, includes all supplies and accessories
A4540	Distal transcutaneous electrical nerve stimulator, stimulates peripheral nerves of the upper arm
A4542	Supplies and accessories for external upper limb tremor stimulator of the peripheral nerves of the wrist
A4555	Electrode/transducer for use with electrical stimulation device used for cancer treatment, replacement only
A4575	Topical hyperbaric oxygen chamber, disposable
A4596	Cranial electrotherapy stimulation (ces) system supplies and accessories, per month
A4600	SLEEVE FOR INTERMITTENT LIMB COMPRESSION DEVICE, REPLACEMENT ONLY, EACH

A4604	Tubing with integrated heating element for use with positive airway pressure device
A7027	Combination oral/nasal mask, used with continuous positive airway pressure
A7028	Oral cushion for combination oral/nasal mask, replacement only, each
A7029	Nasal pillows for combination oral/nasal mask, replacement only, pair
A7030	Full Face Mask Used With Positive Airway Pressure Device, Each
A7031	Face Mask Interface, Replacement For Full Face Mask, Each
A7032	Cushion for use on nasal mask interface, replacement only, each
A7033	Pillow for use on nasal cannula type interface, replacement only, pair
A7034	Nasal Interface (Mask Or Cannula Type) Used With Positive Airway Press
A7035	Headgear Used With Positive Airway Pressure Device
A7036	Chinstrap Used With Positive Airway Pressure Device
A7037	Tubing Used With Positive Airway Pressure Device
A7038	Filter, Disposable, Used With Positive Airway Pressure Device
A7039	Filter, Non Disposable, Used With Positive Airway Pressure Device
A7044	Oral Interface Used With Positive Airway Pressure Device, Each
A7045	Repl exhalation port for PAP
A7046	Water chamber for humidifier, used with positive airway pressure device, replacement, each
A9268	Programmer for transient, orally ingested capsule
A9269	Programmable, transient, orally ingested capsule, for use with external programmer, per month
A9292	Prescription digital visual therapy, software-only, FDA cleared, per course of treatment
A9513	Lutetium Lu 177, dotatate, therapeutic, 1 mCi
A9543	Yttrium Y-90 ibritumomab tiuxetan, therapeutic, per treatment dose, up to 40 millicuries
A9582	Iodine I-123 lobenguane, Diagnostic, Per Study Dose, Up To 15 Millicuries
A9590	Iodine I-131, iobenguane, 1 mCi
A9606	Radium RA-223 dichloride, therapeutic, per UCI
A9607	Lutetium lu 177 vipivotide tetraxetan, therapeutic, 1 millicurie
B4164	Parenteral nutrition solution: carbohydrates (dextrose), 50% or less (500 ml = 1 unit), home mix
B4168	Parenteral nutrition solution; amino acid, 3.5%, (500 ml = 1 unit) - home mix
B4172	Parenteral nutrition solution; amino acid, 5.5% through 7%, (500 ml = 1 unit) - home mix
B4176	Parenteral nutrition solution; amino acid, 7% through 8.5%, (500 ml = 1 unit) - home mix
B4178	Parenteral nutrition solution: amino acid, greater than 8.5% (500 ml = 1 unit) - home mix
B4180	Parenteral nutrition solution: carbohydrates (dextrose), greater than 50% (500 ml = 1 unit), home mix
B4185	Parenteral nutrition solution, not otherwise specified, 10 grams lipids
B4187	Omegaven, 10 g lipids
B4189	Parenteral nutrition solution: compounded amino acid and carbohydrates with electrolytes, trace elements, and vitamins, including preparation, any strength, 10 to 51 g of protein, premix
B4193	Parenteral nutrition solution: compounded amino acid and carbohydrates with electrolytes, trace elements, and vitamins, including preparation, any strength, 52 to 73 g of protein, premix
B4197	Parenteral nutrition solution; compounded amino acid and carbohydrates with electrolytes, trace elements and vitamins, including preparation, any strength, 74 to 100 g of protein - premix

B4199	Parenteral nutrition solution; compounded amino acid and carbohydrates with electrolytes, trace elements and vitamins, including preparation, any strength, over 100 g of protein - premix
B4216	Parenteral nutrition; additives (vitamins, trace elements, Heparin, electrolytes), home mix, per day
B4220	Parenteral nutrition supply kit; premix, per day
B4222	Parenteral nutrition supply kit; home mix, per day
B4224	Parenteral nutrition administration kit, per day
B5000	Parenteral nutrition solution: compounded amino acid and carbohydrates with electrolytes, trace elements, and vitamins, including preparation, any strength, renal - Amirosyn RF, NephrAmine, RenAmine - premix
B5100	Parenteral nutrition solution compounded amino acid and carbohydrates with electrolytes, trace elements, and vitamins, including preparation, any strength, hepatic-HepatAmine-premix
B5200	Parenteral nutrition solution compounded amino acid and carbohydrates with electrolytes, trace elements, and vitamins, including preparation, any strength, stress-branch chain amino acids-FreAmine-HBC-premix
B9004	Parenteral nutrition infusion pump, portable
B9006	Parenteral nutrition infusion pump, stationary
C1605	Pacemaker, leadless, dual chamber (right atrial and right ventricular implantable components), rate-responsive, including all necessary components for implantation
C1721	Cardioverter-defibrillator, dual chamber (implantable)
C1722	Cardioverter-defibrillator, single chamber (implantable)
C1734	Orthopedic/device/drug matrix for opposing bone-to-bone or soft tissue-to bone (implantable)
C1764	Event recorder, cardiac (implantable)
C1767	Generator, neurostimulator (implantable), nonrechargeable
C1777	Lead, cardioverter-defibrillator, endocardial single coil (implantable)
C1778	Lead, neurostimulator (implantable)
C1785	Pacemaker, dual chamber, rate-responsive (implantable)
C1786	Pacemaker, single chamber, rate-responsive (implantable)
C1787	Patient programmer, neurostimulator
C1789	Prosthesis, breast (implantable)
C1813	Prosthesis, penile, inflatable
C1815	Prosthesis, urinary sphincter (implantable)
C1816	Receiver and/or transmitter, neurostimulator (implantable)
C1820	Generator, neurostimulator (implantable), with rechargeable battery and charging system
C1821	Interspinous process distraction device (implantable)
C1822	Generator, neurostimulator (implantable), high frequency, with rechargeable battery and charging system
C1823	Generator, neurostimulator (implantable), non-rechargeable, with transvenous sensing and stimulation leads
C1824	Generator, cardiac contractility modulation (implantable)
C1825	Generator, neurostimulator (implantable), non-rechargeable with carotid sinus baroreceptor stimulation lead(s)
C1832	Autograft suspension, including cell processing and application, and all system components
C1833	Monitor, cardiac, including intracardiac lead and all system components (implantable)

C1839	Iris prosthesis
C1878	Material for vocal cord medialization, synthetic (implantable)
C1882	Cardioverter-defibrillator, other than single or dual chamber (implantable)
C1883	Adaptor/extension, pacing lead or neurostimulator lead (implantable)
C1895	Lead, cardioverter-defibrillator, endocardial dual coil (implantable)
C1896	Lead, cardioverter-defibrillator, other than endocardial single or dual coil (implantable)
C2614	Probe, percutaneous lumbar discectomy
C2619	Pacemaker, dual chamber, nonrate-responsive (implantable)
C2620	Pacemaker, single chamber, nonrate-responsive (implantable)
C2621	Pacemaker, other than single or dual chamber (implantable)
C2622	Prosthesis, penile, noninflatable
C2624	Implantable wireless pulmonary artery pressure sensor with delivery catheter, including all system components
C5271	Application of low cost skin substitute graft to trunk, arms, legs, total wound surface area up to 100 sq cm; first 25 sq cm or less wound surface area
C5273	Application of low cost skin substitute graft to trunk, arms, legs, total wound surface area greater than or equal to 100 sq cm; first 100 sq cm wound surface area, or 1% of body area of infants and children
C5275	Application of low cost skin substitute graft to face, scalp, eyelids, mouth, neck, ears, orbits, genitalia, hands, feet, and/or multiple digits, total wound surface area up to 100 sq cm; first 25 sq cm or less wound surface area
C5277	Application of low cost skin substitute graft to face, scalp, eyelids, mouth, neck, ears, orbits, genitalia, hands, feet, and/or multiple digits, total wound surface area greater than or equal to 100 sq cm; first 100 sq cm wound surface area, or 1% of body area of infants and children
C7531	Revascularization, endovascular, open or percutaneous, femoral, popliteal artery(ies), unilateral, with transluminal angioplasty with intravascular ultrasound (initial noncoronary vessel) during diagnostic evaluation and/or therapeutic intervention, including radiological supervision and interpretation
C7534	Revascularization, endovascular, open or percutaneous, femoral, popliteal artery(ies), unilateral, with atherectomy, includes angioplasty within the same vessel, when performed with intravascular ultrasound (initial noncoronary vessel) during diagnostic evaluation and/or therapeutic intervention, including radiological supervision and interpretation
C7535	Revascularization, endovascular, open or percutaneous, femoral, popliteal artery(ies), unilateral, with transluminal stent placement(s), includes angioplasty within the same vessel, when performed, with intravascular ultrasound (initial noncoronary vessel) during diagnostic evaluation and/or therapeutic intervention, including radiological supervision and interpretation
C7538	Insertion of new or replacement of permanent pacemaker with ventricular transvenous electrode(s), with insertion of pacing electrode, cardiac venous system, for left ventricular pacing, at time of insertion of implantable defibrillator or pacemaker pulse generator (e.g., for upgrade to dual chamber system)
C7539	Insertion of new or replacement of permanent pacemaker with atrial and ventricular transvenous electrode(s), with insertion of pacing electrode, cardiac venous system, for left ventricular pacing, at time of insertion of implantable defibrillator or pacemaker pulse generator (e.g., for upgrade to dual chamber system)

C7540	Removal of permanent pacemaker pulse generator with replacement of pacemaker pulse generator, dual lead system, with insertion of pacing electrode, cardiac venous system, for left ventricular pacing, at time of insertion of implantable defibrillator or pacemaker pulse generator (e.g., for upgrade to dual chamber system)
C8903	Magnetic resonance imaging with contrast, breast; unilateral
C8905	Magnetic resonance imaging without contrast followed by with contrast, breast; unilateral
C8906	Magnetic resonance imaging with contrast, breast; bilateral
C8908	Magnetic resonance imaging without contrast followed by with contrast, breast; bilateral
C9047	Injection, caplacizumab-yhdp, 1 mg
C9076	Lisocabtagene maraleucel, up to 110 million autologous anti-CD19 CAR-positive viable T cells, including leukapheresis and dose preparation procedures, per therapeutic dose
C9077	Injection, cabotegravir and rilpivirine, 2 mg/3 mg
C9079	Injection, evinacumab-dgnb, 5 mg
C9081	Idecabtagene vicleucel, up to 460 million autologous anti-BCMA CAR-positive viable T cells, including leukapheresis and dose preparation procedures, per therapeutic dose
C9084	Injection, loncastuximab tesirine-lpyl, 0.1 mg
C9085	Injection, avalglucosidase alfa-ngpt, 4 mg
C9086	Injection, anifrolumab-fnia, 1 mg
C9090	Injection, plasminogen, human-tvmh, 1 mg
C9091	Injection, sirolimus protein-bound particles, 1 mg
C9094	Injection, sutimlimab-jome, 10 mg
C9095	Injection, tebentafusp-tebn, 1 mcg
C9096	Injection, filgrastim-ayow, biosimilar, (Releuko), 1 mcg
C9097	Injection, faricimab-svoa, 0.1 mg
C9098	Ciltacabtagene autoleucel, up to 100 million autologous B-cell maturation antigen (BCMA) directed CAR-positive T cells, including leukapheresis and dose preparation procedures
C9142	Injection, bevacizumab-maly, biosimilar, (alymSYS), 10 mg
C9146	Injection, mirvetuximab soravtansine-gynx, 1 mg
C9147	Injection, tremelimumab-actl, 1 mg
C9148	Injection, teclistamab-cqyv, 0.5 mg
C9149	Injection, teplizumab-mzwv, 5 mcg
C9151	Injection, pegcetacoplan, 1 mg
C9157	Injection, tofersen, 1 mg
C9160	Injection, daxibotulinumtoxina-lanm, 1 unit
C9161	Injection, aflibercept hd, 1 mg
C9162	Injection, avacincaptad pegol, 0.1 mg
C9166	Injection, secukinumab, IV, 1 mg
C9167	Injection, apadamtase alfa, 10 units
C9168	Injection, mirikizumab-mrkz, 1 mg
C9169	Injection, nogapendekin alfa inbakicept-pmln, for intravesical use, 1 mcg
C9170	Injection, tarlatamab-dlle, 1 mg
C9257	Injection, bevacizumab, 0.25 mg
C9352	Microporous collagen implantable tube (NeuraGen Nerve Guide), per cm length
C9353	Microporous collagen implantable slit tube (NeuraWrap Nerve Protector), per cm length

C9354	Acellular pericardial tissue matrix of nonhuman origin (Veritas), per sq cm
C9355	Collagen nerve cuff (NeuroMatrix), per 0.5 cm length
C9356	Tendon, porous matrix of cross-linked collagen and glycosaminoglycan matrix (TenoGlide Tendon Protector Sheet), per sq cm
C9358	Dermal substitute, native, nondenatured collagen, fetal bovine origin (SurgiMend Collagen Matrix), per 0.5 sq cm
C9359	Porous purified collagen matrix bone void filler (Integra Mozaik Osteoconductive Scaffold Putty, Integra OS Osteoconductive Scaffold Putty), per 0.5 cc
C9360	Dermal substitute, native, nondenatured collagen, neonatal bovine origin (SurgiMend Collagen Matrix), per 0.5 sq cm
C9361	Collagen matrix nerve wrap (NeuroMend Collagen Nerve Wrap), per 0.5 cm length
C9362	Porous purified collagen matrix bone void filler (Integra Mozaik Osteoconductive Scaffold Strip), per 0.5 cc
C9363	Skin substitute (Integra Meshed Bilayer Wound Matrix), per square cm
C9364	Porcine implant, Permacol, per sq cm
C9600	Percutaneous transcatheter placement of drug eluting intracoronary stent(s), with coronary angioplasty when performed; single major coronary artery or branch
C9601	Percutaneous transcatheter placement of drug-eluting intracoronary stent(s), with coronary angioplasty when performed; each additional branch of a major coronary artery (list separately in addition to code for primary procedure)
C9602	Percutaneous transluminal coronary atherectomy, with drug eluting intracoronary stent, with coronary angioplasty when performed; single major coronary artery or branch
C9603	Percutaneous transluminal coronary atherectomy, with drug-eluting intracoronary stent, with coronary angioplasty when performed; each additional branch of a major coronary artery (list separately in addition to code for primary procedure)
C9604	Percutaneous transluminal revascularization of or through coronary artery bypass graft (internal mammary, free arterial, venous), any combination of drug-eluting intracoronary stent, atherectomy and angioplasty, including distal protection when performed; single vessel
C9605	Percutaneous transluminal revascularization of or through coronary artery bypass graft (internal mammary, free arterial, venous), any combination of drug-eluting intracoronary stent, atherectomy and angioplasty, including distal protection when performed; each additional branch subtended by the bypass graft (list separately in addition to code for primary procedure)
C9607	Percutaneous transluminal revascularization of chronic total occlusion, coronary artery, coronary artery branch, or coronary artery bypass graft, any combination of drug-eluting intracoronary stent, atherectomy and angioplasty; single vessel
C9608	Percutaneous transluminal revascularization of chronic total occlusion, coronary artery, coronary artery branch, or coronary artery bypass graft, any combination of drug-eluting intracoronary stent, atherectomy and angioplasty; each additional coronary artery, coronary artery branch, or bypass graft (list separately in addition to code for primary procedure)
C9727	Insertion of implants into the soft palate; minimum of 3 implants
C9734	Focused ultrasound ablation/therapeutic intervention, other than uterine leiomyomata, with magnetic resonance (mr) guidance
C9751	Bronchoscopy, rigid or flexible, transbronchial ablation of lesion(s) by microwave energy, including fluoroscopic guidance, when performed, with computed tomography acquisition(s) and 3D rendering, computer-assisted, image-guided navigation, and endobronchial ultrasound (EBUS) guided transtracheal and/or transbronchial sampling (e.g., aspiration[s]/biopsy[ies])

	and all mediastinal and/or hilar lymph node stations or structures and therapeutic intervention(s)
C9752	Destruction of intraosseous basivertebral nerve, first two vertebral bodies, including imaging guidance (e.g., fluoroscopy), lumbar/sacrum
C9762	Cardiac magnetic resonance imaging for morphology and function, quantification of segmental dysfunction; with strain imaging
C9763	Cardiac magnetic resonance imaging for morphology and function, quantification of segmental dysfunction; with stress imaging
C9764	Revascularization, endovascular, open or percutaneous, lower extremity artery(ies), except tibial/peroneal; with intravascular lithotripsy, includes angioplasty within the same vessel(s), when performed
C9765	Revascularization, endovascular, open or percutaneous, lower extremity artery(ies), except tibial/peroneal; with intravascular lithotripsy, and transluminal stent placement(s), includes angioplasty within the same vessel(s), when performed
C9766	Revascularization, endovascular, open or percutaneous, lower extremity artery(ies), except tibial/peroneal; with intravascular lithotripsy and atherectomy, includes angioplasty within the same vessel(s), when performed
C9767	Revascularization, endovascular, open or percutaneous, lower extremity artery(ies), except tibial/peroneal; with intravascular lithotripsy and transluminal stent placement(s), and atherectomy, includes angioplasty within the same vessel(s), when performed
C9770	Vitrectomy, mechanical, pars plana approach, with subretinal injection of pharmacologic/biologic agent
C9771	Nasal/sinus endoscopy, cryoablation nasal tissue(s) and/or nerve(s), unilateral or bilateral
C9772	Revascularization, endovascular, open or percutaneous, tibial/peroneal artery(ies), with intravascular lithotripsy, includes angioplasty within the same vessel(s), when performed
C9773	Revascularization, endovascular, open or percutaneous, tibial/peroneal artery(ies); with intravascular lithotripsy, and transluminal stent placement(s), includes angioplasty
C9774	Revascularization, endovascular, open or percutaneous, tibial/peroneal artery(ies); with intravascular lithotripsy and atherectomy, includes angioplasty within the same vessel(s), when performed
C9775	Revascularization, endovascular, open or percutaneous, tibial/peroneal artery(ies); with intravascular lithotripsy and transluminal stent placement(s), and atherectomy, includes angioplasty within the same vessel(s), when performed
C9784	Gastric restrictive procedure, endoscopic sleeve gastropasty, with esophagogastroduodenoscopy and intraluminal tube insertion, if performed, including all system and tissue anchoring components
C9785	Endoscopic outlet reduction, gastric pouch application, with endoscopy and intraluminal tube insertion, if performed, including all system and tissue anchoring components
C9796	Repair of enterocutaneous fistula small intestine or colon (excluding anorectal fistula) with plug (e.g., porcine small intestine submucosa [SIS])
C9797	Vascular embolization or occlusion procedure with use of a pressure-generating catheter (e.g., one-way valve, intermittently occluding), inclusive of all radiological supervision and interpretation, intraprocedural roadmapping, and imaging guidance necessary to complete the intervention; for tumors, organ ischemia, or infarction
D7810	Open Reduction Of Dislocation
D7820	Closed Reduction Of Dislocation
D7830	Manipulation Under Anesthesia

D7840	condylectomy
D7850	Surgical Discectomy, With/Without Implant
D7852	Disc Repair
D7854	Synovectomy
D7856	Myotomy
D7858	Joint Reconstruction
D7860	Arthrotomy
D7865	Arthroplasty
D7870	Arthrocentesis
D7871	Non-Arthroscopic Lysis And Lavage
D7873	arthroscopy: lavage and lysis of adhesions
D7874	arthroscopy: disc repositioning and stabilization
D7875	arthroscopy: synovectomy
D7876	arthroscopy: discectomy
D7877	arthroscopy: debridement
D7880	Occlusal Orthotic Device, By Report
D7899	Unspecified Tmd Therapy, By Report
D7940	Osteoplasty - For Orthognathic Deformities
D7941	Osteotomy - Mandibular Rami
D7943	Osteotomy - Mandibular Rami With Bone Graft; Includes Obtaining The Graft
D7944	OSTEOTOMY-SEGMENTED OR SUBAPICAL
D7945	osteotomy - body of mandible
D7946	LeFort I (maxilla - total)
D7947	Lefort I (Maxilla - Segmented)
D7948	LeFort II or LeFort III (osteoplasty of facial bones for midface hypoplasia or retrusion) - without bone graft
D7949	Lefort Ii Or Lefort Iii - With Bone Graft
D7950	Osseous, osteoperiosteal, or cartilage graft of the mandible or maxilla - autogenous or nonautogenous, by report
D7995	Synthetic Graft - Mandible Or Facial Bones, By Report
D7996	Implant-Mandible For Augmentation Purposes (Excluding Alveolar Ridge), By Report
D9950	Occlusion Analysis - Mounted Case
D9951	Occlusal Adjustment - Limited
D9952	Occlusal Adjustment - Complete
E0217	Water Circ Heat Pad W Pump
E0218	Fluid circulating cold pad with pump, any type
E0236	Pump for water circulating pad
E0470	Respiratory assist device, bi-level pressure capability, without backup rate
E0471	Respiratory assist device, bi-level pressure capability, with back-up rate
E0481	Intrapulmonary percussive ventilation system and related accessories
E0485	Oral device/appliance used to reduce upper airway collapsibility, adjustable or nonadjustable, prefabricated, includes fitting and adjustment
E0486	Oral device/appliance used to reduce upper airway collapsibility, adjustable or nonadjustable, custom fabricated, includes fitting and adjustment

E0490	Power source and control electronics unit for oral device/appliance for neuromuscular electrical stimulation of the tongue muscle, controlled by hardware remote
E0491	Oral device/appliance for neuromuscular electrical stimulation of the tongue muscle, used in conjunction with the power source and control electronics unit, controlled by hard
E0492	Power source and control electronics unit for oral device/appliance for neuromuscular electrical stimulation of the tongue muscle, controlled by phone application
E0493	Oral device/appliance for neuromuscular electrical stimulation of the tongue muscle, used in conjunction with the power source and control electronics unit, controlled by phone application, 90-day supply
E0530	Electronic positional obstructive sleep apnea treatment, with sensor, includes all components and accessories, any type
E0561	Humidifier, non-heated, used with positive airway pressure device
E0562	Humidifier, heated, used with positive airway pressure device
E0601	Continuous positive airway pressure (cpap) device
E0616	Cardiac Event Recorder
E0617	Automatic Ext Defibrillator
E0650	Pneuma Compresor Non-Segment
E0651	Pneum Compressor Segmental
E0652	Pneum Compres W/Cal Pressure
E0655	Pneumatic Appliance Half Arm
E0656	Segmental pneumatic appliance for use with pneumatic compressor, trunk
E0657	Segmental pneumatic appliance for use with pneumatic compressor, chest
E0660	Pneumatic Appliance Full Leg
E0665	Pneumatic Appliance Full Arm
E0666	Pneumatic Appliance Half Leg
E0667	Seg Pneumatic Appl Full Leg
E0668	Seg Pneumatic Appl Full Arm
E0669	Seg Pneumatic Appli Half Leg
E0670	Segmental pneumatic appliance for use with pneumatic compressor, integrated, 2 full legs and trunk
E0671	Pressure Pneum Appl Full Leg
E0672	Pressure Pneum Appl Full Arm
E0673	Pressure Pneum Appl Half Leg
E0676	INTERMITTENT LIMB COMPRESSION DEVICE (INCLUDES ALL ACCESSORIES), NOT OTHERWISE
E0677	Non-pneumatic sequential compression garment, trunk
E0678	Non-pneumatic sequential compression garment, full leg
E0679	Non-pneumatic sequential compression garment, half leg
E0680	Non-pneumatic compression controller with sequential calibrated gradient pressure
E0681	Non-pneumatic compression controller without calibrated gradient pressure
E0682	Non-pneumatic sequential compression garment, full arm
E0691	Ultraviolet light therapy system, includes bulbs/lamps, timer and eye protection; treatment area 2 sq ft or less
E0692	Ultraviolet light therapy system panel, includes bulbs/lamps, timer and eye protection, 4 ft panel

E0693	Ultraviolet light therapy system panel, includes bulbs/lamps, timer and eye protection, 6 ft panel
E0694	Ultraviolet multidirectional light therapy system in 6 ft cabinet, includes bulbs/lamps, timer, and eye protection
E0732	Cranial electrotherapy stimulation (ces) system, any type
E0734	External upper limb tremor stimulator of the peripheral nerves of the wrist
E0735	Non-invasive vagus nerve stimulator
E0745	Neuromuscular Stim For Shock
E0746	Electromyograph Biofeedback
E0748	Elec Osteogen Stim Spinal
E0760	Osteogen Ultrasound Stimltor
E0761	Non-Thermal Pulsed High Frequency Radiowaves, High Peak Power Electrom
E0762	Transcutaneous electrical joint stimulation device system, includes all accessories
E0764	Functional neuromuscular stimulation, transcutaneous stimulation of sequential muscle groups of ambulation with computer
E0766	Electrical stimulation device used for cancer treatment, includes all accessories, any type
E0769	Electrical stimulation or electromagnetic wound treatment device, not otherwise classified
E0770	Functional electrical stimulator, transcutaneous stimulation of nerve and/or muscle groups, any type, complete system, not otherwise specified
E0986	Manual wheelchair accessory, push-rim activated power assist, each
E1002	Wheelchair accessory, power seating system, tilt only
E1003	Wheelchair accessory, power seating system, recline only, without shear
E1004	Wheelchair accessory, power seating system, recline only, with mechanical shear
E1005	Wheelchair accessory, power seatng system, recline only, with power shear
E1006	Wheelchair accessory, power seating system, combination tilt and recline, w/o shear reduction
E1007	Wheelchair accessory, power seating system, combination tilt and recline, with manual shear reduction
E1008	Wheelchair accessory, power seating system, combination tilt and recline, with power shear reduction
E1230	Power Operated Vehicle
E1390	Oxygen concentrator, single delivery port, capable of delivering 85 percent or greater oxygen concentration at the prescribed flow rate
E1700	Jaw Motion Rehab System
E1701	Repl Cushions For Jaw Motion
E1702	Repl Measr Scales Jaw Motion
E1801	Static progressive stretch elbow device, extension and/or flexion, with or without range of motion adjustment, includes all components and accessories
E1806	Static progressive stretch wrist device, flexion and/or extension, with or without range of motion adjustment, includes all components and accessories
E1811	Static progressive stretch knee device, extension and/or flexion, with or without range of motion adjustment, includes all components and accessories
E1816	Static progressive stretch ankle device, flexion and/or extension, with or without range of motion adjustment, includes all components and accessories

E1818	Static progressive stretch forearm pronation/supination device, with or without range of motion adjustment, includes all components and accessories
E1821	Replacement soft interface material/cuffs for bi-directional static progressive stretch device
E1831	Static progressive stretch toe device, extension and/or flexion, with or without range of motion adjustment, includes all components and accessories
E1841	Static progressive stretch shoulder device, with or without range of motion adjustment, includes all components and accessories
E1905	Virtual reality cognitive behavioral therapy device (cbt), including pre-programmed therapy software
E2298	Complex rehabilitative power wheelchair accessory, power seat elevation system, any type
G0173	Linear accelerator based stereotactic radiosurgery, complete course of therapy in one session
G0176	Activity therapy, such as music, dance, art or play therapies not for recreation, related to the care and treatment of patient's disabling mental health problems, per session (45 minutes or more)
G0251	Linear accelerator based stereotactic radiosurgery, delivery including collimator changes and custom plugging, fractionated treatment, all lesions, per session, maximum 5 sessions per course of treatment
G0255	Current perception threshold/sensory nerve conduction test, (SNCT) per limb, any nerve
G0260	Injection procedure for sacroiliac joint; provision of anesthetic, steroid and/or other therapeutic agent, with or without arthrography
G0277	Hyperbaric oxygen under pressure, full body chamber, per 30 minute interval
G0281	Electrical stimulation, (unattended), to one or more areas, for chronic Stage III and Stage IV pressure ulcers, arterial ulcers, diabetic ulcers, and venous stasis ulcers not demonstrating measurable signs of healing after 30 days of conventional care, as part of a therapy plan of care
G0282	Electrical stimulation, (unattended), to one or more areas, for wound care other than described in G0281
G0283	Electrical stimulation (unattended), to one or more areas for indication(s) other than wound care, as part of a therapy plan of care
G0289	Arthroscopy, knee, surgical, for removal of loose body, foreign body, debridement/shaving of articular cartilage (chondroplasty) at the time of other surgical knee arthroscopy in a different compartment of the same knee
G0295	Electromagnetic therapy, to one or more areas, for wound care other than described in G0329 or for other uses
G0329	Electromagnetic therapy, to one or more areas for chronic Stage III and Stage IV pressure ulcers, arterial ulcers, diabetic ulcers and venous stasis ulcers not demonstrating measurable signs of healing after 30 days of conventional care as part of a therapy plan of care
G0339	Image guided robotic linear accelerator-based stereotactic radiosurgery, complete course of therapy in one session or first session of fractionated treatment
G0340	Image guided robotic linear accelerator-based stereotactic radiosurgery, delivery including collimator changes and custom plugging, fractionated treatment, all lesions, per session, second through fifth sessions, maximum five sessions per course of treatment
G0341	Percutaneous islet cell transplant, includes portal vein catheterization and infusion
G0342	Laparoscopy for islet cell transplant, includes portal vein catheterization and infusion
G0343	Laparotomy for islet cell transplant, includes portal vein catheterization and infusion

G0398	Home sleep study test (HST) with type II portable monitor, unattended; minimum of 7 channels: EEG, EOG, EMG, ECG/heart rate, airflow, respiratory effort and oxygen saturation
G0399	Home sleep test (HST) with type III portable monitor, unattended; minimum of 4 channels: 2 respiratory movement/airflow, 1 ECG/heart rate and 1 oxygen saturation
G0400	Home sleep test (HST) with type IV portable monitor, unattended; minimum of 3 channels
G0428	Collagen Meniscus Implant procedure for filling meniscal defects (e.g., CMI, collagen scaffold, Menaflex)
G0429	Dermal Filler injection(s) for the treatment of facial lipodystrophy syndrome (LDS) (e.g., as a result of highly active
G0448	Insertion or replacement of a permanent pacing cardioverter-defibrillator system with transvenous lead(s), single or dual chamber with insertion of pacing electrode, cardiac venous system, for left ventricular pacing
G0458	Low dose rate (ldr) prostate brachytherapy services, composite rate
G0460	Autologous platelet rich plasma (PRP) or other blood-derived product for nondiabetic chronic wounds/ulcers (includes, as applicable: administration, dressings, phlebotomy, centrifugation or mixing, and all other preparatory procedures, per treatment)
G0465	Autologous platelet rich plasma (PRP) or other blood-derived product for diabetic chronic wounds/ulcers, using an FDA-cleared device for this indication, (includes, as applicable: administration, dressings, phlebotomy, centrifugation or mixing, and all other preparatory procedures, per treatment)
G2082	Office or other outpatient visit for the evaluation and management of an established patient that requires the supervision of a physician or other qualified health care professional and provision of up to 56 mg of esketamine nasal self administration, includes 2 hours post administration observation
G2083	Office or other outpatient visit for the evaluation and management of an established patient that requires the supervision of a physician or other qualified health care professional and provision of greater than 56 mg esketamine nasal self administration, includes 2 hours post administration observation
G6001	Ultrasonic guidance for placement of radiation therapy fields
G6002	Stereoscopic x-ray guidance for localization of target volume for the delivery of radiation therapy
G6003	Radiation treatment delivery, single treatment area,single port or parallel opposed ports, simple blocks or no blocks: up to 5mev
G6004	Radiation treatment delivery, single treatment area,single port or parallel opposed ports, simple blocks or no blocks: 6-10mev
G6005	Radiation treatment delivery, single treatment area,single port or parallel opposed ports, simple blocks or no blocks: 11-19mev
G6006	Radiation treatment delivery, single treatment area,single port or parallel opposed ports, simple blocks or no blocks: 20mev or greater
G6007	Radiation treatment delivery, 2 separate treatment areas, 3 or more ports on a single treatment area, use of multiple blocks: up to 5mev
G6008	Radiation treatment delivery, 2 separate treatment areas, 3 or more ports on a single treatment area, use of multiple blocks: 6-10mev
G6009	Radiation treatment delivery, 2 separate treatment areas, 3 or more ports on a single treatment area, use of multiple blocks: 11-19mev
G6010	Radiation treatment delivery, 2 separate treatment areas, 3 or more ports on a single treatment area, use of multiple blocks: 20 mev or greater

G6011	Radiation treatment delivery,3 or more separate treatment areas, custom blocking, tangential ports, wedges, rotational beam, compensators, electron beam; up to 5mev
G6012	Radiation treatment delivery,3 or more separate treatment areas, custom blocking, tangential ports, wedges, rotational beam, compensators, electron beam; 6-10mev
G6013	Radiation treatment delivery,3 or more separate treatment areas, custom blocking, tangential ports, wedges, rotational beam, compensators, electron beam; 11-19mev
G6014	Radiation treatment delivery,3 or more separate treatment areas, custom blocking, tangential ports, wedges, rotational beam, compensators, electron beam; 20mev or greater
G6015	Intensity modulated treatment delivery, single or multiple fields/arcs,via narrow spatially and temporally modulated beams, binary, dynamic mlc, per treatment session
G6016	Compensator-based beam modulation treatment delivery of inverse planned treatment using 3 or more high resolution (milled or cast) compensator, convergent beam modulated field
G6017	Intra-fraction localization and tracking of target or patient motion during delivery of radiation therapy (eg,3d positional tracking, gating, 3d surface tracking), each fracti
G9143	Warfarin responsiveness testing by genetic technique using any method, any number of specimen(s)
G9840	RAS (KRAS and NRAS) gene mutation testing performed before initiation of anti-EGFR MoAb
G9841	RAS (KRAS and NRAS) gene mutation testing not performed before initiation of anti-EGFR MoAb
H0004	Behavioral health counseling and therapy, per 15 minutes
H0006	Alcohol and/or drug services; case management
H0015	Alcohol and/or drug services; intensive outpatient (treatment program that operates at least 3 hours/day and at least 3 days/week and is based on an individualized treatment plan), including assessment, counseling; crisis intervention, and activity therapies or education
H0017	Behavioral health; residential (hospital residential treatment program), without room and board, per diem
H0019	Behavioral health; long-term residential (nonmedical, nonacute care in a residential treatment program where stay is typically longer than 30 days), without room and board, per diem
H0023	Behavioral health outreach service (planned approach to reach a targeted population)
H0035	Mental health partial hospitalization, treatment, less than 24 hours
H0038	Self-help/peer services, per 15 minutes
H0039	Assertive community treatment, face-to-face, per 15 minutes
H0040	Assertive community treatment program, per diem
H2014	Skills training and development, per 15 minutes
H2021	Community-based wrap-around services, per 15 minutes
J0129	Injection, abatacept, 10 mg (code may be used for Medicare when drug administered under the direct supervision of a physician, not for use when drug is self-administered)
J0135	Adalimumab injection
J0172	Injection, aducanumab-avwa, 2 mg
J0174	Injection, lecanemab-irmb, 1 mg
J0177	Injection, aflibercept HD, 1 mg
J0178	Injection, aflibercept, 1 mg
J0179	Injection, brolucizumab-dbl, 1 mg
J0180	Agalsidase beta injection
J0202	Injection, alemtuzumab, 1 mg
J0207	Amifostine

J0208	Injection, sodium thiosulfate (Pedmark), 100 mg
J0217	Injection, velmanase alfa-tycv, 1 mg
J0218	Injection, olipudase alfa-rpcp, 1 mg
J0219	Injection, avalglucosidase alfa-ngpt, 4 mg
J0221	Injection, alglucosidase alfa, (Lumizyme), 10 mg
J0222	Injection, Patisiran, 0.1 mg
J0223	Injection, givosiran, 0.5 mg
J0224	Injection, lumasiran, 0.5 m
J0225	Injection, vutrisiran, 1 mg
J0256	Injection, alpha 1-proteinase inhibitor (human), not otherwise specified, 10 mg
J0257	Injection, alpha 1 proteinase inhibitor (human), (GLASSIA), 10 mg
J0456	Azithromycin
J0485	Injection, belatacept, 1 mg
J0490	Injection, belimumab, 10 mg
J0491	Injection, anifrolumab-fnia, 1 mg
J0517	Injection, benralizumab, 1 mg
J0558	Injection, penicillin g benzathine and penicillin g procaine, 100,000 units
J0561	Injection, penicillin g benzathine, 100,000 units
J0565	Injection, bezlotoxumab, 10 mg
J0567	Injection, cerliponase alfa, 1 mg
J0584	Injection, burosumab-twza 1 mg
J0585	Injection, Onabotulinumtoxina, 1 Unit
J0586	Injection, Abobotulinumtoxina, 5 Units
J0587	Injection, Rimabotulinumtoxinb, 100 Units
J0588	Injection, incobotulinumtoxina, 1 unit
J0589	Injection, daxibotulinumtoxina-lanm, 1 unit
J0593	Injection, lanadelumab-flyo, 1 mg (code may be used for Medicare when drug administered under direct supervision of a physician, not for use when drug is self-administered)
J0596	Injection, c1 esterase inhibitor (recombinant), ruconest, 10 units
J0597	Injection, c-1 esterase inhibitor (human), berinert, 10 units
J0598	Injection, c-1 esterase inhibitor (human), cinryze, 10 units
J0599	Injection, C-1 esterase inhibitor (human), (Haegarda), 10 units
J0638	Injection, canakinumab, 1 mg
J0641	Injection, levoleucovorin, not otherwise specified, 0.5 mg
J0642	Injection, levoleucovorin (khapzory), 0.5 mg
J0690	Cefazolin Sodium Injection
J0696	Ceftriaxone Sodium Injection
J0698	Cefotaxime Sodium Injection
J0717	Injection, certolizumab pegol, 1 mg (code may be used for Medicare when drug administered under the direct supervision of a physician, not for use when drug is self-administered)
J0741	Injection, cabotegravir and rilpivirine, 2 mg/3 mg
J0743	Cilastatin Sodium Injection
J0775	Injection, collagenase, clostridium histolyticum, 0.01 mg

J0791	Injection, crizanlizumab-tmca, 5 mg
J0800	Injection, corticotropin, up to 40 units
J0801	Injection, corticotropin (Acthar Gel), up to 40 units
J0802	Injection, corticotropin (ANI), up to 40 units
J0881	Injection, darbepoetin alfa, 1 mcg (non-ESRD use)
J0882	Injection, darbepoetin alfa, 1 mcg (for ESRD on dialysis)
J0885	Injection, epoetin alfa, (for non-ESRD use), 1000 units
J0887	Injection, epoetin beta, 1 microgram, (for esrd on dialysis)
J0888	Injectin, epoetin beta, 1 microgram, (for non esrd use)
J0896	Injection, luspatercept-aamt, 0.25 mg
J0897	Injection, denosumab, 1 mg
J1203	Injection, cipaglucoisidase alfa-atga, 5 mg
J1267	Injection, doripenem, 10 mg
J1290	Injection, ecallantide, 1 mg
J1300	Injection, eculizumab, 10 mg
J1301	Injection, edaravone, 1 mg
J1302	Injection, sutimlimab-jome, 10 mg
J1303	Injection, ravulizumab-cwvz, 10 mg
J1304	Injection, tofersen, 1 mg
J1305	Injection, evinacumab-dgnb, 5 mg
J1306	Injection, inclisiran, 1 mg
J1322	Injection, elosulfase alfa, 1mg
J1323	Injection, elranatamab-bcmm, 1 mg
J1325	Epoprostenol Injection
J1335	Injection, ertapenem sodium, 500 mg
J1411	Injection, etranacogene dezaparvovec-drlb, per therapeutic dose
J1412	Injection, valoctocogene roxaparvovec-rvox, per ml, containing nominal 2×10^{13} vector genomes
J1413	Injection, delandistrogene moxeparvovec-rokl, per therapeutic dose
J1426	Injection, casimersen, 10 mg
J1427	Injection, viltolarsen, 10 mg
J1428	Injection, eteplirsen, 10 mg
J1429	Injection, golodirsen, 10 mg
J1437	Injection, ferric derisomaltose, 10 mg
J1438	Etanercept Injection
J1439	Injection, ferric carboxymaltose, 1mg
J1440	Fecal microbiota, live - jslm, 1 ml
J1442	5G-CSFexcludes biosimilars, 1 microgram
J1447	Injection, tbo-filgrastim, 1 microgram
J1448	Injection, trilaciclib, 1 mg
J1449	Injection, eflapegrastim-xnst, 0.1 mg
J1450	Fluconazole
J1454	Injection, fosnetupitant 235 mg and palonosetron 0.25 mg

J1458	INJECTION, GALSULFASE, 1 MG
J1459	Injection, immune globulin (Privigen), intravenous, nonlyophilized (e.g., liquid), 500 mg
J1460	Gamma Globulin 1 Cc Inj
J1551	Injection, immune globulin (cutaquis), 100 mg
J1554	Injection, immune globulin (asceniv), 500 mg
J1555	Injection, immune globulin (Cuvitru), 100 mg
J1556	Injection, immune globulin (bivigam), 500 mg
J1557	Injection, immune globulin, (Gammaplex), intravenous, nonlyophilized (e.g., liquid), 500 mg
J1558	Injection, immune globulin (xembify), 100 mg
J1559	Injection, immune globulin (hizentra), 100 mg
J1560	Gamma Globulin > 10 Cc Inj
J1561	Injection, immune globulin, (Gamunex/Gamunex-C/Gammaked), nonlyophilized (e.g., liquid), 500 mg
J1566	Injection, immune globulin, intravenous, lyophilized (e.g., powder), not otherwise specified, 500 mg
J1568	Injection, immune globulin, (octagam), intravenous, non-lyophilized (e.g.
J1569	Injection, immune globulin, (Gammagard liquid), nonlyophilized, (e.g., liquid), 500 mg
J1572	Injection, immune globulin, (Flebogamma/Flebogamma Dif), intravenous, nonlyophilized (e.g., liquid), 500 mg
J1575	Injection, immune globulin/hyaluronidase, (hyqvia), 100 mg immunoglobulin
J1576	Injection, immune globulin (panzyga), intravenous, non-lyophilized (e.g., liquid), 500 mg
J1595	Injection, glatiramer acetate, 20 mg
J1599	Injection, immune globulin, intravenous, non-lyophilized (e.g. liquid), not otherwise specified, 500 mg
J1602	Injection, golimumab, 1 mg, for intravenous use
J1628	Injection, guselkumab, 1 mg
J1632	Injection, brexanolone, 1 mg
J1675	Injection, histrelin acetate, 10 mcg
J1729	Injection, hydroxyprogesterone caproate, not otherwise specified, 10 mg
J1743	Injection, idursulfase, 1 mg
J1744	Injection, icatibant, 1 mg
J1745	Injection, infliximab, excludes biosimilar, 10 mg
J1746	Injection, ibalizumab-uiyk, 10 mg
J1747	Injection, spesolimab-sbzo, 1 mg
J1748	Injection, infliximab-dyyb (Zymfentra), 10 mg
J1750	Injection, Iron Dextran, 50mg
J1756	Injection, Iron Sucrose, 1 Mg
J1786	Injection, imiglucerase, 10 units
J1815	Injection, Insulin, Per 5 Units
J1817	Insulin For Administration Through Dme (I.E., Insulin Pump) Per 50 U
J1823	Injection, inebilizumab-cdon, 1 mg
J1826	Injection, interferon beta-1a, 30 mcg
J1830	Interferon Beta-1b / .25 Mg
J1930	Injection, lanreotide, 1 mg

J1931	Laronidase injection
J1932	Injection, lanreotide, (ciplá), 1 mg
J1951	Injection, leuprolide acetate for depot suspension (fensolvi), 0.25 m
J1954	Injection, leuprolide acetate for depot suspension (ciplá), 7.5 mg
J1956	Levofloxacin Injection
J1961	Injection, lenacapavir, 1 mg
J2170	INJECTION, MECASERMIN, 1 MG
J2182	Injection, mepolizumab, 1 mg
J2185	Injection, meropenem, 100 mg
J2267	Injection, mirikizumab-mrkz, 1 mg
J2277	Injection, motixafortide, 0.25 mg
J2278	Injection, ziconotide, 1 mcg
J2280	Injection, moxifloxacin, 100 mg
J2323	Injection, natalizumab, 1 mg
J2326	Injection, nusinersen, 0.1 mg
J2327	Injection, risankizumab-rzaa, intravenous, 1 mg
J2329	Injection, ublituximab-xiiy, 1mg
J2350	Injection, ocrelizumab, 1 mg
J2353	Injection, octreotide, depot form for intramuscular injection, 1 mg
J2354	Injection, octreotide, non-depot form for subcutaneous or intravenous
J2356	Injection, tezepelumab-ekko, 1 mg
J2357	Omalizumab injection
J2502	Injection, pasireotide long acting, 1 mg
J2503	Injection, pegaptanib sodium, 0.3 mg
J2505	Injection, pegfilgrastim, 6 mg
J2506	Injection, pegfilgrastim, excludes biosimilar, 0.5 mg
J2507	Injection, pegloticase, 1 mg
J2508	Injection, pegunigalsidase alfa-iwxj, 1 mg
J2510	Penicillin G Procaine Inj
J2540	Penicillin G Potassium Inj
J2562	Injection, Plerixafor, 1 Mg
J2777	Injection, faricimab-svoa, 0.1 mg
J2778	Injection, ranibizumab, 0.1 mg
J2779	Injection, ranibizumab, via intravitreal implant (susvimo), 0.1 mg
J2781	Injection, pegcetacoplan, intravitreal, 1 mg
J2782	Injection, avacincaptad pegol, 0.1 mg
J2786	Injection, reslizumab, 1 mg
J2793	Injection, Rilonacept, 1 Mg
J2796	Injection, Romiplostim, 10 Micrograms
J2820	Sargramostim Injection
J2840	Injection, sebelipase alfa, 1 mg
J2860	Injection, siltuximab, 10 mg
J2916	Injection, sodium ferric gluconate complex in sucrose injection, 12.5 mg

J2940	Injection, somatrem, 1 mg
J2941	Injection, somatropin, 1 mg
J2998	Injection, plasminogen, human-tvmh, 1 mg
J3032	Injection, eptinezumab-jjmr, 1 mg
J3055	Injection, talquetamab-tgvs, 0.25 mg
J3060	Injection, taliglucerase alfa, 10 units
J3111	Injection, romosozumab-aqqg, 1 mg
J3241	Injection, teprotumumab-trbw, 10 mg
J3245	Injection, tildrakizumab, 1 mg
J3247	Injection, secukinumab, IV, 1 mg
J3262	Injection, tocilizumab, 1 mg
J3263	Injection, toripalimab-tpzi, 1 mg
J3285	Injection, treprostinil, 1 mg
J3299	Injection, triamcinolone acetonide (xipere), 1 mg
J3304	Injection, triamcinolone acetonide, preservative-free, extended-release, microsphere formulation, 1 mg
J3315	Injection, Triptorelin Pamoate, 3.75 Mg
J3316	Injection, triptorelin, extended-release, 3.75 mg
J3357	Ustekinumab, for subcutaneous injection, 1 mg
J3358	Ustekinumab, for intravenous injection, 1 mg
J3380	Injection, vedolizumab, IV, 1 mg
J3385	Injection, velaglucerase alfa, 100 units
J3393	Injection, betibeglogene autotemcel, per treatment
J3394	Injection, lovotibeglogene autotemcel, per treatment
J3397	Injection, vestronidase alfa-vjbk, 1 mg
J3398	Injection, voretigene neparvovec-rzyl, 1 billion vector genomes
J3399	Injection, onasemnogene abeparvovec-xioi, per treatment, up to 5×10^{15} vector genomes
J3401	Beremagene geperpavec-svdt for topical administration, containing nominal 5×10^9 pfu/ml vector genomes, per 0.1 ml
J3489	Injection, zoledronic acid, 1 mg
J3590	UNCLASSIFIED BIOLOGICS
J7170	Injection, emicizumab-kxwh, 0.5 mg
J7171	Injection, ADAMTS13, recombinant-krhn, 10 IU
J7175	Injection, factor x, (human), 1 i.u.
J7177	Injection, human fibrinogen concentrate (Fibryga), 1 mg
J7178	Injection, human fibrinogen concentrate, not otherwise specified, 1 mg
J7179	Injection, von willebrand factor (recombinant), (vonvendi), 1 i.u. vwf:rco
J7180	Injection, factor XIII (antihemophilic factor, human), 1 IU
J7181	Injection, factor xiii a-subunit, (recombinant), per iu
J7182	Injection, factor viii, (antihemophilic factor, recombinant), (novoeight), per iu
J7183	Injection, von Willebrand factor complex (human), Wilate, 1 IU vWF:RCo
J7185	Injection, Factor Viii (Antihemophilic Factor, Recombinant) (Xyntha), Per I.U.
J7186	Injection, antihemophilic factor VIII/von Willebrand factor complex (human), per factor VIII i.u.

J7187	Injection, von Willebrand factor complex (Humate-P), per IU vWF-RC0
J7188	Injection, factor viii (antihemophilic factor, recombinant), (obizur), per i.u.
J7189	Factor VIIa (antihemophilic Factor, recombinant), per 1 mcg
J7190	Factor Viii
J7191	Factor Viii (Porcine)
J7192	Factor Viii (Antihemophilic Factor, Recombinant) Per I.U., Not Otherwise Specified
J7193	Factor IX (antihemophilic factor, purified, non-recombinant) per IU
J7194	Factor Ix Complex
J7195	Factor IX (antihemophilic factor, recombinant) per IU
J7198	Anti-Inhibitor
J7200	Injection, factor ix, (antihemophilic factor, recombinant), rixubis, per iu
J7201	Injection, factor IX, Fc fusion protein, (recombinant), Alprolix, 1 IU
J7202	Injection, factor ix, albumin fusion protein, (recombinant), idelvion, 1 i.u.
J7203	Injection Factor IX, (antihemophilic factor, recombinant), glycopegylated, (Rebinyon), 1 IU
J7204	Injection, Factor VIII, antihemophilic factor (recombinant), (Esperoct), glycopegylated-exei, per IU
J7205	Injection, factor viii fc fusion (recombinant), per iu
J7207	Injection, factor viii, (antihemophilic factor, recombinant), pegylated, 1 i.u.
J7208	Injection, factor viii, (antihemophilic factor, recombinant), pegylated-aucl, (jivi), 1 i.u.
J7209	Injection, factor viii, (antihemophilic factor, recombinant), (nuwiq), 1 i.u.
J7210	Injection, Factor VIII, (antihemophilic factor, recombinant), (Afstyl), 1 IU
J7211	Injection, Factor VIII, (antihemophilic factor, recombinant), (Kovaltry), 1 IU
J7212	Factor viia (antihemophilic factor, recombinant)-jncw (sevenfact), 1 microgram
J7213	Injection, coagulation factor ix (recombinant), ixinity, 1 i.u.
J7214	Injection, Factor VIII/von Willebrand factor complex, recombinant (Altuviio), per Factor VIII IU
J7311	Injection, fluocinolone acetonide, intravitreal implant (Retisert), 0.01 mg
J7312	Injection, dexamethasone, intravitreal implant, 0.1 mg
J7313	Injection, fluocinolone acetonide, intravitreal implant (Iluvien), 0.01 mg
J7314	Injection, fluocinolone acetonide, intravitreal implant (Yutiq), 0.01 mg
J7330	Cultured Chondrocytes Implnt
J7340	Carbidopa 5 mg/levodopa 20 mg enteral suspension, 100 ml
J7351	Injection, bimatoprost, intracameral implant, 1 microgram
J7352	Afamelanotide implant, 1 mg
J7353	Anacaulase-bcdb, 8.8% gel, 1 gm
J7354	Cantharidin for topical administration, 0.7%, single unit dose applicator (3.2 mg)
J7355	Injection, travoprost, intracameral implant, 1 mcg
J7402	Mometasone furoate sinus implant, (sinuva), 10 micrograms
J7686	Treprostnil, inhalation solution, fda-approved final product, non-compounded, administered through dme, unit dose form, 1.74 mg
J9015	Injection, aldesleukin, per single use vial
J9019	Injection, asparaginase (erwinaze), 1,000 iu
J9021	Injection, asparaginase, recombinant, (rylaze), 0.1 mg
J9022	Injection, atezolizumab, 10 mg

J9023	Injection, avelumab, 10 mg
J9029	Intravesical instillation, nadofaragene firadenovec-vncg, per therapeutic dose
J9032	Injection, belinostat, 10 mg
J9033	Injection, bendamustine hydrochloride, 1 mg
J9034	Injection, bendamustine hcl (bendeka), 1 mg
J9035	Bevacizumab injection
J9036	Injection, bendamustine hydrochloride, (Belrapzo), 1 mg
J9039	Injection, blinatumomab, 1 microgram
J9042	Injection, brentuximab vedotin, 1 mg
J9043	Injection, cabazitaxel, 1 mg
J9047	Injection, carfilzomib, 1 mg
J9055	Cetuximab injection
J9056	Injection, bendamustine hydrochloride (vivimusta), 1 mg
J9057	Injection, copanlisib, 1 mg
J9058	Injection, bendamustine hydrochloride (apotex), 1 mg
J9059	Injection, bendamustine hydrochloride (baxter), 1 mg
J9061	Injection, amivantamab-vmjw, 2 mg
J9063	Injection, mirvetuximab soravtansine-gynx, 1 mg
J9064	Injection, cabazitaxel (Sandoz), not therapeutically equivalent to J9043, 1 mg
J9118	Injection, calaspargase pegol-mknl, 10 units
J9119	Injection, cemiplimab-rwlc, 1 mg
J9144	Injection, daratumumab, 10 mg and hyaluronidase-fihj
J9145	Injection, daratumumab, 10 mg
J9173	Injection, durvalumab, 10 mg
J9176	Injection, elotuzumab, 1 mg
J9177	Injection, enfortumab vedotin-ejfv, 0.25 mg
J9179	Injection, eribulin mesylate, 0.1 mg
J9202	Goserelin Acetate Implant
J9203	Injection, gemtuzumab ozogamicin, 0.1 mg
J9207	Injection, ixabepilone, 1 mg
J9210	Injection, emapalumab-lzsg, 1 mg
J9216	Injection, interferon, gamma-1B, 3 million units
J9217	Leuprolide Acetate Suspnsion
J9223	Injection, lurbinectedin, 0.1 mg
J9225	Histrelin implant (Vantas), 50 mg
J9226	Histrelin implant (supprelin LA), 50 mg
J9227	Injection, isatuximab-irfc, 10 mg
J9228	Injection, ipilimumab, 1 mg
J9229	Injection, inotuzumab ozogamicin, 0.1 mg
J9247	Injection, melphalan flufenamide, 1 mg
J9258	Injection, paclitaxel protein-bound particles (teva), not therapeutically equivalent to j9264, 1 mg

J9259	Injection, paclitaxel protein-bound particles (American Regent), not therapeutically equivalent to J9264, 1 mg
J9262	Injection, omacetaxine mepesuccinate, 0.01 mg
J9264	Injection, paclitaxel protein-bound particles, 1 mg
J9266	Injection, pegaspargase, per single dose vial
J9269	Injection, tagraxofusp-erzs, 10 micrograms
J9271	Injection, pembrolizumab, 1 mg
J9272	Injection, dostarlimab-gxly, 10 mg
J9273	Injection, tisotumab vedotin-tftv, 1 mg
J9274	Injection, tebentafusp-tebn, 1 microgram
J9281	Mitomycin pyelocalyceal instillation, 1 mg
J9286	Injection, glofitamab-gxbm, 2.5 mg
J9294	Injection, pemetrexed (Hospira), not therapeutically equivalent to J9305, 10 mg
J9296	Injection, pemetrexed (Accord), not therapeutically equivalent to J9305, 10 mg
J9297	Injection, pemetrexed (sandoz), not therapeutically equivalent to j9305, 10 mg
J9298	Injection, nivolumab and relatlimab-rmbw, 3 mg/1 mg
J9299	Injection, nivolumab, 1 mg
J9301	Injection, obinutuzumab, 10 mg
J9302	Injection, ofatumumab, 10 mg
J9303	Injection, panitumumab, 10 mg
J9304	Injection, pemetrexed (pemfexy), 10 mg
J9305	Injection, pemetrexed, NOS, 10 mg
J9306	Injection, pertuzumab, 1 mg
J9308	Injection, ramucirumab, 5 mg
J9309	Injection, polatuzumab vedotin-piiq, 1 mg
J9312	Injection, rituximab, 10 mg
J9313	Injection, moxetumomab pasudotox-tdfk, 0.01 mg
J9314	Injection, pemetrexed (Teva), not therapeutically equivalent to J9305, 10 mg
J9316	Injection, pertuzumab, trastuzumab, and hyaluronidase-zzxf, per 10 mg
J9317	Injection, sacituzumab govitecan-hziy, 2.5 mg
J9318	Injection, romidepsin, nonlyophilized, 0.1 mg
J9319	Injection, romidepsin, lyophilized, 0.1 mg
J9321	Injection, epcoritamab-bysp, 0.16 mg
J9322	Injection, pemetrexed (BluePoint), not therapeutically equivalent to J9305, 10 mg
J9323	Injection, pemetrexed (hospira) not therapeutically equivalent to j9305, 10 mg
J9324	Injection, pemetrexed (pemrydi rtu), 10 mg
J9325	Injection, talimogene laherparepvec, per 1 million plaque forming units
J9329	Injection, tislelizumab-jsgr, 1mg
J9331	Injection, sirolimus protein-bound particles, 1 mg
J9332	Injection, efgartigimod alfa-fcab, 2mg
J9333	Injection, rozanolixizumab-noli, 1 mg
J9334	Injection, efgartigimod alfa, 2 mg and hyaluronidase-qvfc
J9345	Injection, retifanlimab-dlwr, 1 mg

J9347	Injection, tremelimumab-actl, 1 mg
J9348	Injection, naxitamab-gqgk, 1 m
J9349	Injection, tafasitamab-cxix, 2 mg
J9350	Injection, mosunetuzumab-axgb, 1 mg
J9353	Injection, margetuximab-cmkb, 5 m
J9354	Injection, ado-trastuzumab emtansine, 1 mg
J9358	Injection, fam-trastuzumab deruxtecan-nxki, 1 mg
J9359	Injection, loncastuximab tesirine-lpyl, 0.075 mg
J9361	Injection, efbemalenograstim alfa-vuxw, 0.5 mg
J9376	Injection, pozelimab-bbfg, 1 mg
J9380	Injection, teclistamab-cqyv, 0.5 mg
J9381	Injection, teplizumab-mzwv, 5 mcg
J9393	Injection, fulvestrant (Teva), not therapeutically equivalent to J9395, 25 mg
J9394	Injection, fulvestrant (fresenius kabi) not therapeutically equivalent to j9395, 25 mg
J9395	Injection, fulvestrant, 25 mg
J9400	Injection, ziv-aflibercept, 1 mg
K0010	Standard-weight frame motorized/power wheelchair
K0011	Standard-weight frame motorized/power wheelchair with programmable control parameters for speed adjustment, tremor dampening, acceleration control and braking
K0012	Lightweight portable motorized/power wheelchair
K0013	Custom motorized/power wheelchair base
K0014	Other motorized/power wheelchair base
K0455	Pump Uninterrupted Infusion
K0606	Automatic external defibrillator, with integrated electrocardiogram analysis, garment type
K0800	POWER OPERATED VEHICLE, GROUP 1 STANDARD, PATIENT WEIGHT CAPACITY UP TO AND INCLUDING 300 POUNDS
K0801	POWER OPERATED VEHICLE, GROUP 1 HEAVY DUTY, PATIENT WEIGHT CAPACITY, 301 TO 450 POUNDS
K0802	POWER OPERATED VEHICLE, GROUP 1 VERY HEAVY DUTY, PATIENT WEIGHT CAPACITY 451 TO 600 POUNDS
K0806	POWER OPERATED VEHICLE, GROUP 2 STANDARD, PATIENT WEIGHT CAPACITY UP TO AND INCLUDING 300 POUNDS
K0807	POWER OPERATED VEHICLE, GROUP 2 HEAVY DUTY, PATIENT WEIGHT CAPACITY 301 TO 450 POUNDS
K0808	POWER OPERATED VEHICLE, GROUP 2 VERY HEAVY DUTY, PATIENT WEIGHT CAPACITY 451 TO 600 POUNDS
K0812	POWER OPERATED VEHICLE, NOT OTHERWISE CLASSIFIED
K0813	POWER WHEELCHAIR, GROUP 1 STANDARD, PORTABLE, SLING/SOLID SEAT AND BACK, PATIENT WEIGHT CAPACITY UP TO AND INCLUDING 300
K0814	POWER WHEELCHAIR, GROUP 1 STANDARD, PORTABLE, CAPTAINS CHAIR, PATIENT WEIGHT CAPACITY UP TO AND INCLUDING 300 POUNDS
K0815	POWER WHEELCHAIR, GROUP 1 STANDARD, SLING/SOLID SEAT AND BACK, PATIENT WEIGHT CAPACITY UP TO AND INCLUDING 300 POUNDS
K0816	POWER WHEELCHAIR, GROUP 1 STANDARD, CAPTAINS CHAIR, PATIENT WEIGHT CAPACTIY UP TO AND INCLUDING 300 POUNDS

K0820	POWER WHEELCHAIR, GROUP 2 STANDARD, PORTABLE, SLING/SOLID SEAT/BACK, PATIENT WEIGHT CAPACITY UP TO AND INCLUDING 300 POUNDS
K0821	POWER WHEELCHAIR, GROUP 2 STANDARD, PORTABLE, CAPTAINS CHAIR, PATIENT WEIGHT CAPACITY UP TO AND INCLUDING 300 POUNDS
K0822	POWER WHEELCHAIR, GROUP 2 STANDARD, SLING/SOLID SEAT/BACK, PATIENT WEIGHT CAPACITY UP TO AND INCLUDING 300 POUNDS
K0823	POWER WHEELCHAIR, GROUP 2 STANDARD, CAPTAINS CHAIR, PATIENT WEIGHT CAPACITY UP TO AND INCLUDING 300 POUNDS
K0824	POWER WHEELCHAIR, GROUP 2 HEAVY DUTY, SLING/SOLID SEAT/BACK, PATIENT WEIGHT CAPACITY 301 TO 450 POUNDS
K0825	POWER WHEELCHAIR, GROUP 2 HEAVY DUTY, CAPTAINS CHAIR, PATIENT WEIGHT CAPACITY 301 TO 450 POUNDS
K0826	POWER WHEELCHAIR, GROUP 2 VERY HEAVY DUTY, SLING/SOLID SEAT/BACK, PATIENT WEIGHT CAPACITY 451 TO 600 POUNDS
K0827	POWER WHEELCHAIR, GROUP 2 VERY HEAVY DUTY, CAPTAINS CHAIR, PATIENT WEIGHT CAPACITY 451 TO 600 POUNDS
K0828	POWER WHEELCHAIR, GROUP 2 EXTRA HEAVY DUTY, SLING/SOLID SEAT/BACK, PATIENT WEIGHT CAPACITY 601 POUNDS OR MORE
K0829	POWER WHEELCHAIR, GROUP 2 EXTRA HEAVY DUTY, CAPTAINS CHAIR, PATIENT WEIGHT CAPACITY 601 POUNDS OR MORE
K0830	POWER WHEELCHAIR, GROUP 2 STANDARD, SEAT ELEVATOR, SLING/SOLID SEAT/BACK, PATIENT WEIGHT CAPACITY UP TO AND INCLUDING 300 POUNDS
K0831	POWER WHEELCHAIR, GROUP 2 STANDARD, SEAT ELEVATOR, CAPTAINS CHAIR, PATIENT WEIGHT CAPACITY UP TO AND INCLUDING 300 POUNDS
K0835	POWER WHEELCHAIR, GROUP 2 STANDARD, SINGLE POWER OPTION, SLING/SOLID SEAT/BACK, PATIENT WEIGHT CAPACITY UP TO AND INCLUDING 300 POUNDS
K0836	POWER WHEELCHAIR, GROUP 2 STANDARD, SINGLE POWER OPTION, CAPTAINS CHAIR, PATIENT WEIGHT CAPACITY UP TO AND INCLUDING 300 POUNDS
K0837	POWER WHEELCHAIR, GROUP 2 HEAVY DUTY, SINGLE POWER OPTION, SLING/SOLID SEAT/BACK, PATIENT WEIGHT CAPACITY 301 TO 450 POUNDS
K0838	POWER WHEELCHAIR, GROUP 2 HEAVY DUTY, SINGLE POWER OPTION, CAPTAINS CHAIR, PATIENT WEIGHT CAPACITY 301 TO 450 POUNDS
K0839	POWER WHEELCHAIR, GROUP 2 VERY HEAVY DUTY, SINGLE POWER OPTION, SLING/SOLID SEAT/BACK, PATIENT WEIGHT CAPACITY 451 TO 600 POUNDS
K0840	POWER WHEELCHAIR, GROUP 2 EXTRA HEAVY DUTY, SINGLE POWER OPTION, SLING/SOLID SEAT/BACK, PATIENT WEIGHT CAPACITY 601 POUNDS OR MORE
K0841	POWER WHEELCHAIR, GROUP 2 STANDARD, MULTIPLE POWER OPTION, SLING/SOLID SEAT/BACK, PATIENT WEIGHT CAPACITY UP TO AND INCLUDING 300 POUNDS
K0842	POWER WHEELCHAIR, GROUP 2 STANDARD, MULTIPLE POWER OPTION, CAPTAINS CHAIR, PATIENT WEIGHT CAPACITY UP TO AND INCLUDING 300 POUNDS
K0843	POWER WHEELCHAIR, GROUP 2 HEAVY DUTY, MULTIPLE POWER OPTION, SLING/SOLID SEAT/BACK, PATIENT WEIGHT CAPACITY 301 TO 450 POUNDS
K0848	POWER WHEELCHAIR, GROUP 3 STANDARD, SLING/SOLID SEAT/BACK, PATIENT WEIGHT CAPACITY UP TO AND INCLUDING 300 POUNDS
K0849	POWER WHEELCHAIR, GROUP 3 STANDARD, CAPTAINS CHAIR, PATIENT WEIGHT CAPACITY UP TO AND INCLUDING 300 POUNDS

K0850	POWER WHEELCHAIR, GROUP 3 HEAVY DUTY, SLING/SOLID SEAT/BACK, PATIENT WEIGHT CAPACITY 301 TO 450 POUNDS
K0851	POWER WHEELCHAIR, GROUP 3 HEAVY DUTY, CAPTAINS CHAIR, PATIENT WEIGHT CAPACITY 301 TO 450 POUNDS
K0852	POWER WHEELCHAIR, GROUP 3 VERY HEAVY DUTY, SLING/SOLID SEAT/BACK, PATIENT WEIGHT CAPACITY 451 TO 600 POUNDS
K0853	POWER WHEELCHAIR, GROUP 3 VERY HEAVY DUTY, CAPTAINS CHAIR, PATIENT WEIGHT CAPACITY, 451 TO 600 POUNDS
K0854	POWER WHEELCHAIR, GROUP 3 EXTRA HEAVY DUTY, SLING/SOLID SEAT/BACK, PATIENT WEIGHT CAPACITY 601 POUNDS OR MORE
K0855	POWER WHEELCHAIR, GROUP 3 EXTRA HEAVY DUTY, CAPTAINS CHAIR, PATIENT WEIGHT CAPACITY 601 POUNDS OR MORE
K0856	POWER WHEELCHAIR, GROUP 3 STANDARD, SINGLE POWER OPTION, SLING/SOLID SEAT/BACK, PATIENT WEIGHT CAPACITY UP TO AND INCLUDING 300 POUNDS
K0857	POWER WHEELCHAIR, GROUP 3 STANDARD, SINGLE POWER OPTION, CAPTAINS CHAIR, PATIENT WEIGHT CAPACITY UP TO AND INCLUDING 300 POUNDS
K0858	POWER WHEELCHAIR, GROUP 3 HEAVY DUTY, SINGLE POWER OPTION, SLING/SOLID SEAT/BACK, PATIENT WEIGHT CAPACITY 301 TO 450 POUNDS
K0859	POWER WHEELCHAIR, GROUP 3 HEAVY DUTY, SINGLE POWER OPTION, CAPTAINS CHAIR, PATIENT WEIGHT CAPACITY 301 TO 450 POUNDS
K0860	POWER WHEELCHAIR, GROUP 3 VERY HEAVY DUTY, SINGLE POWER OPTION, SLING/SOLID SEAT/BACK, PATIENT WEIGHT CAPACITY 451 TO 600 POUNDS
K0861	POWER WHEELCHAIR, GROUP 3 STANDARD, MULTIPLE POWER OPTION, SLING/SOLID SEAT/BACK, PATIENT WEIGHT CAPACITY UP TO AND INCLUDING 300 POUNDS
K0862	POWER WHEELCHAIR, GROUP 3 HEAVY DUTY, MULTIPLE POWER OPTION, SLING/SOLID SEAT/BACK, PATIENT WEIGHT CAPACITY 301 TO 450 POUNDS
K0863	POWER WHEELCHAIR, GROUP 3 VERY HEAVY DUTY, MULTIPLE POWER OPTION, SLING/SOLID SEAT/BACK, PATIENT WEIGHT CAPACITY 451 TO 600 POUNDS
K0864	POWER WHEELCHAIR, GROUP 3 EXTRA HEAVY DUTY, MULTIPLE POWER OPTION, SLING/SOLID SEAT/BACK, PATIENT WEIGHT CAPACITY 601 POUNDS OR MORE
K0868	POWER WHEELCHAIR, GROUP 4 STANDARD, SLING/SOLID SEAT/BACK, PATIENT WEIGHT CAPACITY UP TO AND INCLUDING 300 POUNDS
K0869	POWER WHEELCHAIR, GROUP 4 STANDARD, CAPTAINS CHAIR, PATIENT WEIGHT CAPACITY UP TO AND INCLUDING 300 POUNDS
K0870	POWER WHEELCHAIR, GROUP 4 HEAVY DUTY, SLING/SOLID SEAT/BACK, PATIENT WEIGHT CAPACITY 301 TO 450 POUNDS
K0871	POWER WHEELCHAIR, GROUP 4 VERY HEAVY DUTY, SLING/SOLID SEAT/BACK, PATIENT WEIGHT CAPACITY 451 TO 600 POUNDS
K0877	POWER WHEELCHAIR, GROUP 4 STANDARD, SINGLE POWER OPTION, SLING/SOLID SEAT/BACK, PATIENT WEIGHT CAPACITY UP TO AND INCLUDING 300 POUNDS
K0878	POWER WHEELCHAIR, GROUP 4 STANDARD, SINGLE POWER OPTION, CAPTAINS CHAIR, PATIENT WEIGHT CAPACITY UP TO AND INCLUDING 300 POUNDS
K0879	POWER WHEELCHAIR, GROUP 4 HEAVY DUTY, SINGLE POWER OPTION, SLING/SOLID SEAT/BACK, PATIENT WEIGHT CAPACITY 301 TO 450 POUNDS
K0880	POWER WHEELCHAIR, GROUP 4 VERY HEAVY DUTY, SINGLE POWER OPTION, SLING/SOLID SEAT/BACK, PATIENT WEIGHT 451 TO 600 POUNDS

K0884	POWER WHEELCHAIR, GROUP 4 STANDARD, MULTIPLE POWER OPTION, SLING/SOLID SEAT/BACK, PATIENT WEIGHT CAPACITY UP TO AND INCLUDING 300 POUNDS
K0885	POWER WHEELCHAIR, GROUP 4 STANDARD, MULTIPLE POWER OPTION, CAPTAINS CHAIR, WEIGHT CAPACITY UP TO AND INCLUDING 300 POUNDS
K0886	POWER WHEELCHAIR, GROUP 4 HEAVY DUTY, MULTIPLE POWER OPTION, SLING/SOLID SEAT/BACK, PATIENT WEIGHT CAPACITY 301 TO 450 POUNDS
K0890	POWER WHEELCHAIR, GROUP 5 PEDIATRIC, SINGLE POWER OPTION, SLING/SOLID SEAT/BACK, PATIENT WEIGHT CAPACITY UP TO AND INCLUDING 125 POUNDS
K0891	POWER WHEELCHAIR, GROUP 5 PEDIATRIC, MULTIPLE POWER OPTION, SLING/SOLID SEAT/BACK, PATIENT WEIGHT CAPACITY UP TO AND INCLUDING 125 POUNDS
K1001	Electronic positional obstructive sleep apnea treatment, with sensor, includes all components and accessories, any type
K1004	Low frequency ultrasonic diathermy treatment device for home use, includes all components and accessories
K1007	Bilateral hip, knee, ankle, foot (HKAFO) device, powered, includes pelvic component, single or double upright(s), knee joints any type, with or without ankle joints any type, includes all components and accessories, motors, microprocessors, sensors
K1018	External upper limb tremor stimulator of the peripheral nerves of the wrist
K1019	Supplies and accessories for external upper limb tremor stimulator of the peripheral nerves of the wrist
K1020	Non-invasive vagus nerve stimulator
K1024	Nonpneumatic compression controller with sequential calibrated gradient pressure
K1025	Nonpneumatic sequential compression garment, full arm
K1030	External recharging system for battery (internal) for use with implanted cardiac contractility modulation generator, replacement only
K1031	Nonpneumatic compression controller without calibrated gradient pressure
K1032	Nonpneumatic sequential compression garment, full leg
K1033	Nonpneumatic sequential compression garment, half leg
K1036	Supplies and accessories (e.g., transducer) for low frequency ultrasonic diathermy treatment device, per month
L5991	Addition to lower extremity prostheses, osseointegrated external prosthetic connector
L6025	Transcarpal/metacarpal or partial hand disarticulation prosthesis, external power, self-suspended, inner socket with removable forearm section, electrodes and cables, 2 batteries, charger, myoelectric control of terminal device
L6026	Transcarpal/metacarpal or partial hand disarticulation prosthesis, external power, self-suspended, inner socket with removable forearm section, electrodes and cables, two batteries, charger, myoelectric control of terminal device, excludes terminal device(s)
L6611	ADDITION TO UPPER EXTREMITY PROSTHESIS, EXTERNAL POWERED, ADDITIONAL SWITCH,
L6677	Upper extremity addition, harness, triple control, simultaneous operation of terminal device and elbow
L6715	Terminal device, multiple articulating digit, includes motor(s), initial issue or replacement
L6880	Electric hand, switch or myoelectric controlled, independently articulating digits, any grasp pattern or combination of grasp patterns, includes motor(s)
L6881	AUTOMATIC GRASP FEATURE, ADDITION TO UPPER LIMB ELECTRIC PROSTHETIC TERMINAL
L6882	Microprocessor control feature, addition to upper limb prosthesis terminal device

L6925	Wrist disarticulation, external power, self-suspended inner socket, removable forearm shell, Otto Bock or equal electrodes, cables, two batteries and one charger, myoelectronic control of terminal device
L6935	Below elbow, external power, self-suspended inner socket, removable forearm shell, Otto Bock or equal electrodes, cables, two batteries and one charger, myoelectronic control of terminal device
L6945	Elbow disarticulation, external power, molded inner socket, removable humeral shell, outside locking hinges, forearm, Otto Bock or equal electrodes, cables, two batteries and one charger, myoelectronic control of terminal device
L6955	Above elbow, external power, molded inner socket, removable humeral shell, internal locking elbow, forearm, Otto Bock or equal electrodes, cables, two batteries and one charger, myoelectronic control of terminal device
L6965	Shoulder disarticulation, external power, molded inner socket, removable shoulder shell, shoulder bulkhead, humeral section, mechanical elbow, forearm, Otto Bock or equal electrodes, cables, two batteries and one charger, myoelectronic control of terminal device
L6975	Interscapular-thoracic, external power, molded inner socket, removable shoulder shell, shoulder bulkhead, humeral section, mechanical elbow, forearm, Otto Bock or equal electrodes, cables, two batteries and one charger, myoelectronic control of terminal device
L7190	Electronic elbow, adolescent, Variety Village or equal, myoelectronically controlled
L7191	Electronic elbow, child, Variety Village or equal, myoelectronically controlled
L7510	Repair of prosthetic device, repair or replace minor parts
L7520	Repair prosthetic device, labor component, per 15 minutes
L8045	Auricular prosthesis, provided by a nonphysician
L8600	Implantable breast prosthesis, silicone or equal
L8607	Injectable bulking agent for vocal cord medialization, 0.1 ml, includes shipping and necessary supplies
L8614	COCHLEAR DEVICE, INCLUDES ALL INTERNAL AND EXTERNAL COMPONENTS
L8619	Cochlear Implant, External Speech Processor And Controller, Integrated System, Replacement
L8627	Cochlear Implant, External Speech Processor, Component, Replacement
L8628	Cochlear Implant, External Controller Component, Replacement
L8678	Electrical stimulator supplies (external) for use with implantable neurostimulator, per month
L8679	Implantable neurostimulator, pulse generator, any type
L8680	Implantable neurostimulator electrode, each
L8681	Patient programmer (external) for use with implantable programmable neurostimulator pulse generator, replacement only
L8682	Implantable neurostimulator radiofrequency receiver
L8683	Radiofrequency transmitter (external) for use with implantable neurostimulator radiofrequency receiver
L8684	Radiofrequency transmitter (external) for use with implantable sacral root neurostimulator receiver for bowel and bladder management, replacement
L8685	Implantable neurostimulator pulse generator, single array, rechargeable, includes extension
L8686	Implantable neurostimulator pulse generator, single array, non-rechargeable, includes extension
L8687	Implantable neurostimulator pulse generator, dual array, rechargeable, includes extension
L8688	Implantable neurostimulator pulse generator, dual array, non-rechargeable, includes extension

L8690	AUDITORY OSSEOINTEGRATED DEVICE, INCLUDES ALL INTERNAL AND EXTERNAL COMPONENTS
L8691	Auditory osseointegrated device, external sound processor, excludes transducer/actuator, replacement only, each
L8692	Auditory osseointegrated device, external sound processor, used without osseointegration, body worn, includes headband or other means of external attachment
L8693	Auditory osseointegrated device abutment, any length, replacement only
L8701	Powered upper extremity range of motion assist device, elbow, wrist, hand with single or double upright(s), includes microprocessor, sensors, all components and accessories, custom fabricated
L8702	Powered upper extremity range of motion assist device, elbow, wrist, hand, finger, single or double upright(s), includes microprocessor, sensors, all components and accessories, custom fabricated
M0075	Cellular Therapy
Q0138	Injection, Ferumoxytol, For Treatment Of Iron Deficiency Anemia, 1 Mg (Non-Esrd Use)
Q2026	Injection, Radiesse, 0.1ml
Q2028	Injection, sculptra, 0.5 mg
Q2041	Axicabtagene ciloleucel, up to 200 million autologous anti-CD19 CAR positive T cells, including leukapheresis and dose preparation procedures, per therapeutic dose
Q2042	Tisagenlecleucel, up to 600 million CAR-positive viable T cells, including leukapheresis and dose preparation procedures, per therapeutic dose
Q2043	Sipuleucel-t, minimum of 50 million autologous cd54+ cells activated with pap-gm-csf, including leukapheresis and all other preparatory procedures, per infusion
Q2049	Injection, doxorubicin hydrochloride, liposomal, imported Lipodox, 10 mg
Q2050	Injection, doxorubicin hydrochloride, liposomal, not otherwise specified, 10 mg
Q2053	Brexucabtagene autoleucel, up to 200 million autologous anti-cd19 car positive viable t cells, including leukapheresis and dose preparation procedures, per therapeutic dose
Q2054	Lisocabtagene maraleucel, up to 110 million autologous anti-CD19 CAR-positive viable T cells, including leukapheresis and dose preparation procedures, per therapeutic dose
Q2055	Idecabtagene vicleucel, up to 510 million autologous B-cell maturation antigen (BCMA) directed CAR-positive T cells, including leukapheresis and dose preparation procedures, per therapeutic dose
Q2056	Ciltacabtagene autoleucel, up to 100 million autologous b-cell maturation antigen (bcma) directed car-positive t cells, including leukapheresis and dose preparation procedures
Q3001	Brachytherapy Radioelements
Q3027	Injection, interferon beta-1a, 1 mcg for intramuscular use
Q3028	Injection, interferon beta-1a, 1 mcg for subcutaneous use
Q4074	Iloprost, inhalation solution, FDA-approved final product, noncompounded, administered through DME, unit dose form, up to 20 mcg
Q4081	INJECTION, EPOETIN ALFA, 100 UNITS (FOR ESRD ON DIALYSIS)
Q4100	Skin substitute, not otherwise specified
Q4101	Apligraf, per square centimeter
Q4102	Oasis wound matrix, per square centimeter
Q4103	Oasis burn matrix, per square centimeter
Q4104	Integra bilayer matrix wound dressing (bmwd), per square centimeter

Q4105	Integra dermal regeneration template (DRT) or Integra Omnigraft dermal regeneration matrix, per sq cm
Q4106	Dermagraft, per square centimeter
Q4107	Graftjacket, per square centimeter
Q4108	Integra matrix, per square centimeter
Q4110	Primatrix, per square centimeter
Q4111	Gammagraft, per square centimeter
Q4112	Cymetra, injectable, 1cc
Q4113	GRAFTJACKET XPRESS, injectable, 1cc
Q4114	Integra flowable wound matrix, injectable, 1 cc
Q4115	Alloskin, per square centimeter
Q4116	Alloderm, per square centimeter
Q4117	Hyalomatrix, per square centimeter
Q4118	Matristem micromatrix, 1 mg
Q4121	Theraskin, per square centimeter
Q4122	Dermacell, per square centimeter
Q4123	AlloSkin RT, per sq cm
Q4124	OASIS ultra tri-layer wound matrix, per sq cm
Q4125	Arthroflex, per sq cm
Q4126	MemoDerm, DermaSpan, TranZgraft or InteguPly, per sq cm
Q4127	Talymed, per sq cm
Q4128	FlexHD, or AllopatchHD, per sq cm
Q4130	Strattice TM, per sq cm
Q4132	Grafix Core and GrafixPL Core, per sq cm
Q4133	Grafix PRIME, GrafixPL PRIME, Stravix and StravixPL, per sq cm
Q4134	Hmatrix, per square centimeter
Q4135	Mediskin, per square centimeter
Q4136	Ez-derm, per square centimeter
Q4137	AmnioExcel, AmnioExcel Plus or BioDExcel, per sq cm
Q4138	Biodfence dryflex, per square centimeter
Q4139	Amniomatrix or biodmatrix, injectable, 1 cc
Q4140	Biodfence, per square centimeter
Q4141	Alloskin ac, per square centimeter
Q4142	Xcm biologic tissue matrix, per square centimeter
Q4143	Repriza, per square centimeter
Q4145	Epifix, injectable, 1 mg
Q4146	Tensix, per square centimeter
Q4147	Architect extracellular matrix, per square centimeter
Q4148	Neox Cord 1K, Neox Cord RT, or Clarix Cord 1K, per sq cm
Q4149	Excellagen, 0.1 cc
Q4150	Allowrap ds or dry, per square centimeter
Q4151	Amnioband or guardian, per square centimeter
Q4152	Dermapure, per square centimeter

Q4153	Dermavest, per square centimeter
Q4154	Biovance, per square centimeter
Q4155	Neoxflo or clarixflo, 1 mg
Q4156	Neox 100 or Clarix 100, per sq cm
Q4157	Revitalon, per square centimeter
Q4158	Kerecis Omega3, per sq cm
Q4159	Affinity, per square centimeter
Q4160	Nushield, per square centimeter
Q4161	Bio-connekt wound matrix, per square centimeter
Q4162	WoundEx Flow, BioSkin Flow, 0.5 cc
Q4163	WoundEx, BioSkin, per sq cm
Q4164	Helicoll, per square centimeter
Q4165	Keramatrix, per square centimeter
Q4166	Cytal, per square centimeter
Q4167	Truskin, per square centimeter
Q4168	Amnioband, 1 mg
Q4169	Artacent wound, per square centimeter
Q4170	Cygnus, per square centimeter
Q4171	Interfyl, 1 mg
Q4173	Palingen or palingen xplus, per square centimeter
Q4174	Palingen or promatrix, 0.36 mg per 0.25 cc
Q4175	Miroderm, per square centimeter
Q4176	Neopatch or Therion, per sq cm
Q4177	FlowerAmnioFlo, 0.1 cc
Q4178	FlowerAmnioPatch, per sq cm
Q4179	FlowerDerm, per sq cm
Q4180	Revita, per sq cm
Q4181	Amnio Wound, per sq cm
Q4183	Surgigraft, per sq cm
Q4184	Cellesta, per sq cm
Q4185	Cellesta Flowable Amnion (25 mg per cc); per 0.5 cc
Q4186	Epifix, per sq cm
Q4187	Epicord, per sq cm
Q4188	AmnioArmor, per sq cm
Q4189	Artacent AC, 1 mg
Q4190	Artacent AC, per sq cm
Q4191	Restorigin, per sq cm
Q4192	Restorigin, 1 cc
Q4193	Coll-e-Derm, per sq cm
Q4194	Novachor, per sq cm
Q4195	PuraPly, per sq cm
Q4196	PuraPly AM, per sq cm
Q4197	PuraPly XT, per sq cm

Q4198	Genesis Amniotic Membrane, per sq cm
Q4199	Cygnus matrix, per square centimeter
Q4200	SkinTE, per sq cm
Q4201	Matrion, per sq cm
Q4202	Keroxx (2.5g/cc), 1cc
Q4203	Derma-Gide, per sq cm
Q4204	XWRAP, per sq cm
Q4205	Membrane graft or membrane wrap, per square centimeter
Q4206	Fluid flow or fluid GF, 1 cc
Q4208	Novafix, per square centimeter
Q4209	Surgraft, per square centimeter
Q4210	Axolotl graft or axolotl dualgraft, per square centimeter
Q4211	Amnion bio or Axobiomembrane, per square centimeter
Q4212	Allogen, per cc
Q4213	Ascent, 0.5 mg
Q4214	Cellesta cord, per square centimeter
Q4215	Axolotl ambient or axolotl cryo, 0.1 mg
Q4216	Artacent cord, per square centimeter
Q4217	Woundfix, BioWound, Woundfix Plus, BioWound Plus, Woundfix Xplus or BioWound Xplus, per square centimeter
Q4218	Surgicord, per square centimeter
Q4219	Surgigraft-dual, per square centimeter
Q4220	BellaCell HD or Surederm, per square centimeter
Q4221	Amniowrap2, per square centimeter
Q4222	Progenamatrix, per square centimeter
Q4224	Human Health Factor 10 Amniotic Patch (HHF10-P), per sq cm
Q4225	Amniobind or dermabind tl, per square centimeter
Q4226	MyOwn skin, includes harvesting and preparation procedures, per square centimeter
Q4227	AmnioCore™, per sq cm
Q4229	Cogenex Amniotic Membrane, per sq cm
Q4230	Cogenex Flowable Amnion, per 0.5 cc
Q4231	Corplex P, per cc
Q4232	Corplex, per sq cm
Q4233	SurFactor or NuDyn, per 0.5 cc
Q4234	XCellerate, per sq cm
Q4235	AMNIOREPAIR or AltiPly, per sq cm
Q4236	carePATCH, per sq cm
Q4237	Cryo-Cord, per sq cm
Q4238	Derm-Maxx, per sq cm
Q4239	Amnio-Maxx or Amnio-Maxx Lite, per sq cm
Q4240	CoreCyte, for topical use only, per 0.5 cc
Q4241	PolyCyte, for topical use only, per 0.5 cc
Q4242	AmnioCyte Plus, per 0.5 cc

Q4244	Procenta, per 200 mg
Q4245	AmnioText, per cc
Q4246	CoreText or ProText, per cc
Q4247	Amniotext patch, per sq cm
Q4248	Dermacyte Amniotic Membrane Allograft, per sq cm
Q4249	Amnipliy, for topical use only, per square centimeter
Q4250	Amnioamp-mp, per square centimeter
Q4251	Vim, per sq cm
Q4252	Vendaje, per sq cm
Q4253	Zenith Amniotic Membrane, per sq cm
Q4254	Novafix DL, per sq c
Q4255	Reguard, for topical use only, per square centimeter
Q4256	MLG-Complete, per sq cm
Q4257	Relese, per sq cm
Q4258	Enverse, per sq cm
Q4259	Celera dual layer or celera dual membrane, per square centimeter
Q4260	Signature apatch, per square centimeter
Q4261	Tag, per square centimeter
Q4262	Dual layer impax membrane, per square centimeter
Q4263	Surgraft tl, per square centimeter
Q4264	Cocoon membrane, per square centimeter
Q4265	Neostim tl, per square centimeter
Q4266	Neostim membrane, per square centimeter
Q4267	Neostim dl, per square centimeter
Q4268	Surgraft ft, per square centimeter
Q4269	Surgraft xt, per square centimeter
Q4270	Complete sl, per square centimeter
Q4271	Complete ft, per square centimeter
Q4272	Esano a, per square centimeter
Q4273	Esano aaa, per square centimeter
Q4274	Esano ac, per square centimeter
Q4275	Esano aca, per square centimeter
Q4276	Orion, per square centimeter
Q4277	Woundplus membrane or e-graft, per square centimeter
Q4278	Epieffect, per square centimeter
Q4279	Vendaje ac, per square centimeter
Q4280	Xcell amnio matrix, per square centimeter
Q4281	Barrera sl or barrera dl, per square centimeter
Q4282	Cygnus dual, per square centimeter
Q4283	Biovance tri-layer or biovance 3l, per square centimeter
Q4284	Dermabind sl, per square centimeter
Q4285	NuDYN DL or NuDYN DL MESH, per sq cm
Q4286	NuDYN SL or NuDYN SLW, per sq cm

Q4287	Dermabind dl, per square centimeter
Q4288	Dermabind ch, per square centimeter
Q4289	Revoshield + amniotic barrier, per square centimeter
Q4290	Membrane Wrap-Hydro, per sq cm
Q4291	Lamellas xt, per square centimeter
Q4292	Lamellas, per square centimeter
Q4293	Acesso dl, per square centimeter
Q4294	Amnio quad-core, per square centimeter
Q4295	Amnio tri-core amniotic, per square centimeter
Q4296	Rebound matrix, per square centimeter
Q4297	Emerge matrix, per square centimeter
Q4298	Amnicore pro, per square centimeter
Q4299	Amnicore pro+, per square centimeter
Q4300	Acesso tl, per square centimeter
Q4301	Activate matrix, per square centimeter
Q4302	Complete aca, per square centimeter
Q4303	Complete aa, per square centimeter
Q4304	Grafix plus, per square centimeter
Q4305	American Amnion AC Tri-Layer, per sq cm
Q4306	American Amnion AC, per sq cm
Q4307	American Amnion, per sq cm
Q4308	Sanopellis, per sq cm
Q4309	VIA Matrix, per sq cm
Q4310	Procenta, per 100 mg
Q5101	Injection, filgrastim-sndz, biosimilar, (zarxio), 1 microgram
Q5103	Injection, infliximab-dyyb, biosimilar, (inflectra), 10 mg
Q5104	Injection, infliximab-abda, biosimilar, (renflexis), 10 mg
Q5105	Injection, epoetin alfa-epbx, biosimilar, (Retacrit) (for ESRD on dialysis), 100 units
Q5106	Injection, epoetin alfa-epbx, biosimilar, (Retacrit) (for non-ESRD use), 1000 units
Q5107	Injection, bevacizumab-awwb, biosimilar, (Mvasi), 10 mg
Q5108	Injection, pegfilgrastim-jmdb (fulphila), biosimilar, 0.5 mg
Q5109	Injection, infliximab-qbtx, biosimilar, (Ixifi), 10 mg
Q5110	Injection, filgrastim-aafi, biosimilar, (nivistym), 1 microgram
Q5111	Injection, pegfilgrastim-cbqv (udenyca), biosimilar, 0.5 mg
Q5112	Injection, trastuzumab-dttb, biosimilar, (Ontruzant), 10 mg
Q5113	Injection, trastuzumab-pkrb, biosimilar, (herzuma), 10 mg
Q5114	Injection, trastuzumab-dkst, biosimilar, (Ogivri), 10 mg
Q5115	Injection, rituximab-abbs, biosimilar, 10 mg
Q5116	Injection, trastuzumab-qyyp, biosimilar, (trazimera), 10 mg
Q5118	Injection, bevacizumab-bvzr, biosimilar, (Zirabev), 10 mg
Q5119	Injection, rituximab-pvvr, biosimilar, (RUXIENCE), 10 mg
Q5120	Injection, pegfilgrastim-bmez (ziextenzo), biosimilar, 0.5 mg
Q5121	Injection, infliximab-axxq, biosimilar, (AVSOLA), 10 mg

Q5122	Injection, pegfilgrastim-apgf (nyvepria), biosimilar, 0.5 mg
Q5123	Injection, rituximab-arrx, biosimilar, (riabni), 10 m
Q5124	Injection, ranibizumab-nuna, biosimilar, (Byooviz), 0.1 mg
Q5125	Injection, filgrastim-ayow, biosimilar, (releuko), 1 microgram
Q5126	Injection, bevacizumab-maly, biosimilar, (alymys), 10 mg
Q5127	Injection, pegfilgrastim-fpgk (stimufend), biosimilar, 0.5 mg
Q5128	Injection, ranibizumab-eqrn (cimerli), biosimilar, 0.1 mg
Q5129	Injection, bevacizumab-adcd (vegzelma), biosimilar, 10 mg
Q5130	Injection, pegfilgrastim-pbbk (fynetra), biosimilar, 0.5 mg
Q5131	Injection, adalimumab-aacf (idacio), biosimilar, 20 mg
Q5132	Injection, adalimumab-afzb (abrilada), biosimilar, 10 mg
Q5133	Injection, tocilizumab-bavi (Tofidence), biosimilar, 1 mg
Q5134	Injection, natalizumab-sztn (Tyruko), biosimilar, 1 mg
Q5135	Injection, tocilizumab-aazg (tyenne), biosimilar, 1 mg
Q5137	Injection, ustekinumab-auub (Wezlana), biosimilar, SC, 1 mg
Q5138	Injection, ustekinumab-auub (Wezlana), biosimilar, IV, 1 mg
S0013	Esketamine, nasal spray, 1 mg
S0353	Treatment planning and care coordination management for cancer initial treatment
S0354	Treatment planning and care coordination management for cancer established patient with a change of regimen
S1091	Stent, non-coronary, temporary, with delivery system (propel)
S2053	Transplantation Of Small Int
S2054	Transplantation Of Multivisc
S2055	Harvesting Of Donor Multivis
S2060	Lobar Lung Transplantation
S2061	Donor Lobectomy (Lung)
S2065	Simultaneous pancreas kidney transplantation
S2066	Breast reconstruction with gluteal artery perforator (GAP) flap, including
S2067	Breast reconstruction of a single breast with "stacked" deep inferior
S2068	Breast reconstruction with deep inferior epigastric perforator (DIEP) flap or superficial inferior epigastric artery (SIEA) flap, including harvesting of the flap, microvascular transfer, closure of donor site and shaping the flap into a breast, unilateral
S2080	Laser-assisted uvulopalatoplasty (LAUP)
S2102	Islet Cell Tissue Transplant
S2103	Adrenal Tissue Transplant
S2107	Adoptive immunotherapy i.e. development of specific antitumor reactivity (e.g., tumor-infiltrating lymphocyte therapy) per course of treatment
S2112	Arthroscopy, knee, surgical for harvesting of cartilage (chondrocyte cells)
S2117	Arthroereisis, subtalar
S2118	Metal-on-metal total hip resurfacing including acetabular and femoral components
S2120	Low Density Lipoprotein(Ldl)
S2140	Cord Blood Harvesting
S2142	Cord Blood-Derived Stem-Cell

S2150	Bone marrow or blood-derived stem cells (peripheral or umbilical), allogeneic or autologous, harvesting, transplantation, and related complications; including: pheresis and cell preparation/storage; marrow ablative therapy; drugs, supplies, hospitalization with outpatient follow-up; medical/surgical, diagnostic, emergency, and rehabilitative services; and the number of days of pre- and posttransplant care in the global definition
S2202	Echosclerotherapy
S2230	Implantation of magnetic component of semi-implantable hearing device on ossicles in middle ear
S2235	Implantation of auditory brain stem implant
S2300	Arthroscopy, shoulder, surgical; with thermally-induced capsulorrhaphy
S2340	Chemodenervation Of Abductor
S2341	Chemodenervation of adductor muscle(s) of vocal cord
S2348	Decompress disc RF lumbar
S2400	Repair, congenital hernia in the fetus, procedure performed in utero
S2401	Repair, urinary tract obstruction in the fetus, procedure performed in utero
S2402	Repair, congenital cystic adenomatoid malformation in the fetus, procedure performed in utero
S2403	Repair, extralobar pulmonary sequestration in the fetus, procedure performed in utero
S2404	Repair, myelomeningocele in the fetus, procedure performed in utero
S2405	Repair of sacrococcygeal teratoma in the fetus, procedure performed in utero
S2409	Repair, congenital malformation of fetus, procedure performed in utero, not otherwise classified
S3800	Genetic testing for amyotrophic lateral sclerosis (ALS)
S3840	DNA analysis for germline mutations of the ret proto-oncogene
S3841	Genetic testing for retinoblastoma
S3842	Genetic testing for von hippel-lindau disease
S3844	DNA analysis of the connexin 26 gene (gjb2) for susceptibility to congenital, profound deafness
S3845	Genetic testing for alpha-thalassemia
S3846	Genetic testing for hemoglobin e beta-thalassemia
S3849	Genetic testing for niemann-pick disease
S3850	Genetic testing for sickle cell anemia
S3852	DNA analysis for apoe epsilon 4 allele for susceptibility to Alzheimer's disease
S3853	Genetic testing for myotonic muscular dystrophy
S3854	Gene expression profiling panel for use in the management of breast cancer treatment
S3861	Genetic testing, sodium channel, voltage-gated, type V, alpha subunit (SCN5A) and variants for suspected Brugada Syndrome
S3865	Comprehensive gene sequence analysis for hypertrophic cardiomyopathy
S3866	Genetic analysis for a specific gene mutation for hypertrophic cardiomyopathy (HCM) in an individual with a known HCM mutation in the family
S3870	Comparative genomic hybridization (cgh) microarray testing for developmental delay, autism spectrum disorder and/or intellectual disability
S3900	Surface electromyography (EMG)
S4011	In vitro fertilization; including but not limited to identification and incubation of mature oocytes, fertilization with sperm, incubation of embryo(s), and subsequent visualization for determination of development

S4013	Complete Cycle, Gamete Intrafallopian Transfer (Gift), Case Rate
S4014	Complete Cycle, Zygote Intrafallopian Transfer (Zift), Case Rate
S4015	Complete in vitro fertilization cycle, case rate
S4016	Frozen in vitro fertilization cycle, case rate
S4017	Incomplete Cycle, Treatment Cancelled Prior To Stimulation, Case Rate
S4018	Frozen embryo transfer procedure cancelled before transfer, case rate
S4020	In vitro fertilization procedure cancelled before aspiration, case rate
S4021	In vitro fertilization procedure cancellation after aspiration, case rate
S4022	Assisted oocyte fertilization, case rate
S4023	Donor Egg Cycle, Incomplete, Case Rate
S4025	Donor services for in vitro fertilization (sperm or embryo), case rate
S4026	Procurement of donor sperm from sperm bank
S4027	Storage of previously frozen embryos
S4028	Microsurgical epididymal sperm aspiration (mesa)
S4030	Sperm procurement and cryopreservation services; initial visit
S4031	Sperm procurement and cryopreservation services; subsequent visit
S4035	Stimulated Intrauterine Insemination (Iui), Case Rate
S4037	Cryopreserved Embryo Transfer, Case Rate
S4040	Monitoring And Storage Of Cryopreserved Embryos, Per 30 Days
S8030	Scleral application of tantalum ring(s) for localization of lesions for proton beam therapy
S8035	Magnetic Source Imaging
S8037	Magnetic resonance cholangiopancreatography (MRCP)
S8040	Topographic Brain Mapping
S8092	Electron Beam Computed Tomog
S8130	Interferential current stimulator, 2 channel
S8131	Interferential current stimulator, 4 channel
S8930	Electrical stimulation of auricular acupuncture points; each 15 minutes of personal one-on-one contact with patient
S8940	EQUESTRIAN/HIPPOTHERAPY PER SESSION
S8948	Application of a modality (requiring constant provider attendance) to one or
S8950	Complex Lymphedema Therapy
S8990	Physical or manipulative therapy performed for maintenance rather than restoration
S9002	Intravaginal motion sensor system, provides biofeedback for pelvic floor muscle rehabilitation device
S9056	Coma Stimulation Per Diem
S9090	Vertebral Axial Decompressio
S9123	Nursing care, in the home; by registered nurse, per hour (use for general nursing care only, not to be used when CPT codes 99500-99602 can be used)
S9124	Nursing care, in the home; by licensed practical nurse, per hour
S9152	Speech therapy, re-evaluation
S9347	Home infusion therapy, uninterrupted, long-term, controlled rate intravenous infusion therapy (e.g., Epoprostenol)
S9359	Home infusion therapy, anti-tumor necrosis factor intravenous therapy; (e.g., Infliximab)

