



2025 Medicare Prior Authorization Grid

1. Services NOT reflected on this authorization grid DO NOT require authorization.
2. All services must be medically necessary, subject to CMS regulations.
3. Payment is based on benefits in effect at the time of service, member eligibility and medical necessity.
4. HMO/SNP members require a prior authorization for ALL out-of-network services.
5. PPO Plans do NOT require a prior authorization for out-of-network services.
6. Retroactive requests (services already rendered) need to be submitted as a claim.
7. Prior authorization is NOT required for emergent inpatient admission; however, authorization of an inpatient stay is required prior to claim payment. Please submit a notification to allow for authorization entry and concurrent review.
8. Codes may not be categorized in an area that is familiar so please search the entire document.
9. Emergent/Urgent Services do not require prior authorization, please make sure to follow appropriate billing practices to indicate emergency/urgent if applicable.

This first table is a high-level listing of PAs required. Codes by Category can be found on the following pages, listed in alphabetical order by category.

Authorization is required for the following services/procedures		
Inpatient Hospital Services		
Inpatient Hospital / Inpatient Rehabilitation / Psychiatric Inpatient Hospital / Planned Inpatient Surgeries		
Skilled Nursing Facility Services		
All SNF Services		
Home Health Services		
All Home Health Services		
Occupational Therapy Services, Physical, and Speech Therapy Services – PPO Plans Only		
Occupational Therapy, Physical Therapy, and Speech Therapy require prior authorization after the first 20 visits (combined) per plan year.		
Cardiac Rehabilitation Services		
Cardiac Rehabilitation Services require prior authorization after the first 36 visits per plan year		
Pulmonary Rehabilitation Services		
Pulmonary Rehabilitation Services require prior authorization after the first 36 visits per plan year		
Ambulance Services		
Only non-emergency ambulance transportation requires prior authorization		
Durable Medical Equipment (DME), Prosthetics/Medical Supplies and Diabetic Supplies and Services		
All DME Rentals		
DME purchases exceeding \$750.00 (billed amount) per line item)		
Prosthetics/Medical Supplies purchases exceeding \$750.00 (billed amount) per line item)		
Continuous Blood Glucose Monitors require prior authorization, regardless of cost or brand		
Diabetic supplies and services exceeding \$750.00 billed amount and for blood glucose monitoring supplies exceeding the following limits:		
<ul style="list-style-type: none"> 100 test strips and 100 lancets per 90-day supply for individuals who are non-Insulin dependent 		
<ul style="list-style-type: none"> 300 test strips and 300 lancets per 90-day supply for individuals who are Insulin dependent 		
1 lancet device per 6 months for both Insulin dependent and non-Insulin dependent individuals		
1 continuous glucose monitor per 6 months for both Insulin dependent and non-Insulin dependent individuals		
Preferred Glucose Meters:		
<ul style="list-style-type: none"> OneTouch Verio Reflect and Verio Flex 		

<ul style="list-style-type: none"> FreeStyle Lite and Freedom Lite 		
Preferred Test Strips:		
<ul style="list-style-type: none"> OneTouch Ultra Blue 		
<ul style="list-style-type: none"> OneTouch Verio 		
<ul style="list-style-type: none"> FreeStyle Lite 		
<ul style="list-style-type: none"> FreeStyle 		
<ul style="list-style-type: none"> FreeStyle Precision Neo 		
<ul style="list-style-type: none"> Precision Xtra 		
<ul style="list-style-type: none"> Precision Xtra Beta Ketone Strips 		
Preferred Continuous Glucose Monitors		
<ul style="list-style-type: none"> Abbott's FreeStyle Libre 2 and 3 		
<ul style="list-style-type: none"> Dexcom's G6 and G7 		
*Non-preferred test strips and monitoring systems require prior authorization, regardless of quantity.		
Other Services – SNP Plans Only		
97802 Medical nutrition, indiv, initial - up to one hour (4 units) per year		
97803 Medical nutrition, indiv, subseq - up to one hour (4 units) per year		
97804 Medical nutrition, group - up to 4 hours (16 units total) per year		
Code	Description	
37650	Ligation Of Femoral Vein	
37660	Ligation Of Common Iliac Vein	
37700	Ligation And Division Of Long Saphenous Vein At Saphenofemoral Junction, Or	
37718	Ligation, division, and stripping, short saphenous vein	
37722	Ligation, division, and stripping, long (greater) saphenous veins from saphenofemoral junction to knee or below	
37735	Ligation And Division And Complete Stripping Of Long Or Short Saphenous Veins	
37760	Ligation Of Perforator Veins, Subfascial, Radical (Linton Type), Including Skin	
37761	Ligation Of Perforator Vein(S), Subfascial, Open, Including Ultrasound Guidance	
37780	Ligation And Division Of Short Saphenous Vein At Saphenopopliteal Junction	
37785	Ligation, Division, and/OR Excision of Varicose Vein Cluster(S), One Leg	
33880	Endovascular repair of descending thoracic aorta (eg, aneurysm, pseudoaneurysm, dissection, penetrating ulcer, intramural hematoma, or traumatic disruption); involving coverage of left subclavian artery origin, initial endoprosthesis plus descending thoracic aortic extension(s), if required, to level of celiac artery origin	

33881	Endovascular repair of descending thoracic aorta (eg, aneurysm, pseudoaneurysm, dissection, penetrating ulcer, intramural hematoma, or traumatic disruption); not involving coverage of left subclavian artery origin, initial endoprosthesis plus descending thoracic aortic extension(s), if required, to level of celiac artery origin	
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	
36470	Injection Of Sclerosing Solution; Single Vein	
36471	Injection Of Sclerosing Solution; Multiple Veins, Same Leg	
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	
37246	Transluminal balloon angioplasty (except lower extremity artery(ies) for occlusive disease, intracranial, coronary, pulmonary, or dialysis circuit), open or percutaneous, including all imaging and radiological supervision and interpretation necessary to perform the angioplasty within the same artery; initial artery	
37247	Transluminal balloon angioplasty (except lower extremity artery(ies) for occlusive disease, intracranial, coronary, pulmonary, or dialysis circuit), open or percutaneous, including all imaging and radiological supervision and interpretation necessary to perform the angioplasty within the same artery; each additional artery	
37790, 37799	Other Artery and Vein Procedures	
Diagnostic Radiology		
Code	Description	
70496	Ct angiography head	
70544	MR Angiography head w/o dye	
70545	MR Angiography head w/dye	
70546	MR Angiograph head w/o &w/dye	
70547	MR Angiography neck w/o dye	

70548	MR Angiography neck w/dye	
70549	MR Angiograph neck w/o &w/dye	
71555	MRI angio chest w or w/o dye	
72141	MRI neck spine w/o dye	
72142	MRI neck spine w/dye	
72146	MRI chest spine w/o dye	
72147	MRI chest spine w/dye	
72148	MRI lumbar spine w/o dye	
72149	MRI lumbar spine w/dye	
72156	MRI neck spine w/o & w/dye	
72157	MRI chest spine w/o & w/dye	
72158	MRI lumbar spine w/o & w/dye	
72191	CT angiograph pelv w/o &w/dye	
72240	Myelography neck spine	
72255	Myelography thoracic spine	
72265	Myelography l-s spine	
72270	Myelography 2/> spine regions	
73718	MRI lower extremity w/o dye	
73719	MRI lower extremity w/dye	
73720	MRI lower extremity w/o &w/dye	
73721	MRI joint of lower extremity w/o dye	
73722	MRI joint of lower extremity w/dye	
73723	MRI joint lower extremity w/o &w/dye	
74185	MRI angio abdom w/ or w/o dye	
72198	MRA pelvis w/o & w/dye	
72159	MRA spine w/o & w/dye	
73225	MRA upr extr w/o & w/dye	
73725	MRA ang lwr ext w or w/o dye	
78299	GI nuclear procedure	
78399	Musculoskeletal nuclear exam	
78459	Heart muscle imaging (pet)	
78466	Heart infarct image	
78468	Heart infarct image (EF)	
78469	Heart infarct image (3d)	
78472	Gated heart planar single	
78473	Gated heart multiple	
78481	Heart first pass single	
78483	Heart first pass multiple	
78491	Heart image (pet) single	
78492	Heart image (pet) multiple	
78494	Heart image spect	
78496	Heart first pass add-on	
78499	Cardiovascular nuclear exam	

78579	Lung ventilation imaging	
78580	Lung perfusion imaging	
78597	Lung perfusion differential	
78598	Lung perfusion & ventilation differential	
78599	Respiratory nuclear exam	
78600	Brain image < 4 views	
78601	Brain image w/flow < 4 views	
78605	Brain image w/flow < 4 views	
78606	Brain image w/flow 4 + views	
78607	Brain imaging (3d)	
78608	Brain imaging (pet)	
78610	Brain flow imaging only	
78630	Cerebrospinal fluid scan	
78635	CSF ventriculography	
78645	CSF shunt evaluation	
78647	Cerebrospinal fluid scan	
78650	CSF leakage imaging	
78660	Nuclear exam of tear flow	
78699	Nervous system nuclear exam	
78700	Kidney imaging morphol	
78701	Kidney imaging with flow	
78708	K flow/funct image w/drug	
78709	K flow/funct image multiple	
78710	Kidney imaging (3d)	
78725	Kidney function study	
78730	Urinary bladder retention	
78740	Ureteral reflux study	
78761	Testicular imaging w/flow	
78799	Genitourinary nuclear exam	
78800	Tumor imaging limited area	
78801	Tumor imaging multiple areas	
78802	Tumor imaging whole body	
78803	Tumor imaging (3d)	
78804	Tumor imaging whole body	
78805	Abscess imaging limited area	
78806	Abscess imaging whole body	
78807	Nuclear localization/abscess	
78812	Pet image skull-thigh	
78813	Pet image full body	
78814	Pet image w/CT limited	
78999	Nuclear diagnostic exam	
79005	Nuclear rx oral admin	
79101	Nuclear rx iv admin	

79200	Nuclear rx intracav admin	
79300	Nuclear rx interstit colloid	
79403	Hematopoietic nuclear tx	
79440	Nuclear rx intra-articular	
79445	Nuclear rx intra-arterial	
79999	Nuclear medicine therapy	
78015	Thyroid met imaging	
78016	Thyroid met imaging/studies	
78018	Thyroid met imaging body	
78020	Thyroid met uptake	
78075	Adrenal cortex & medulla img	
78099	Endocrine nuclear procedure	
78199	Blood/lymph nuclear exam	
78201	Liver imaging	
ENT		
Code	Description	
30130	Excision inferior turbinate, partial or complete, any method	
30140	Submucous resection inferior turbinate, partial or complete, any method	
30400	Rhinoplasty, primary; lateral and alar cartilages and/or elevation of nasal tip	
30410	Rhinoplasty, primary; complete, external parts including bony pyramid, lateral and alar cartilages, and/or elevation of nasal tip	
30420	Rhinoplasty Primary W/Major Septal Repair	
30430	Rhinoplasty Secondary Minor Revision	
30435	Rhinoplasty Secondary Intermediate Revision	
30450	Rhinoplasty Secondary Major Revision	
30460	Rhinoplasty for nasal deformity secondary to congenital cleft lip and/or palate, including columellar lengthening; tip only	
30462	Rhinop Dfrm Colum Lngth Tip Septum Osteot	
30465	Repair of nasal vestibular stenosis (eg, spreader grafting, lateral nasal wall reconstruction)	
30520	Septoplasty Or Submucous Resection, With Or Without Cartilage Scoring, Contouring Or Replacement With Graft	
30801	Ablation, soft tissue of inferior turbinates, unilateral or bilateral, any method (eg, electrocautery, radiofrequency ablation, or tissue volume reduction; superficial	
30802	Ablation, soft tissue of inferior turbinates, unilateral or bilateral, any method (eg, electrocautery, radiofrequency ablation, or tissue volume reduction); intramural (ie, submucosal)	
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	
42145	Palatopharyngoplasty (eg, uvulopalatopharyngoplasty, uvulopharyngoplasty)	

69805	Endolymphatic sac operation ; without shunt	
69806	Endolymphatic sac operation ; with shunt	
69930	Cochlear device implantation, with or without mastoidectomy	
69949	Unlisted procedure, inner ear	
69711	remove/repair hearing aid	
69930	implant cochlear device	
92585	Auditory evoked potentials for evoked response audiometry and/or testing of the central nervous system; comprehensive	
92586	Auditory evoked potentials for evoked response audiometry and/or testing of the central nervous system; limited	
G0186	Destruction of localized lesion of choroid (for example, choroidal neovascularization); photocoagulation, feeder vessel technique (one or more sessions)	
Genetic Testing		
Code	Description	
81162	Brca1 brca2 gene alys full seq full dup/del alys	
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)	
81171	Aff2 (af4/fmr2 family, member 2 [fmr2]) (eg, fragile x mental retardation 2 [fraxe]) gene analysis; evaluation to detect abnormal (eg, expanded) alleles	
81172	Aff2 (af4/fmr2 family, member 2 [fmr2]) (eg, fragile x mental retardation 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	
81177	Atn1 (atrophin 1) (eg, dentatorubral-pallidoluysian atrophy) gene analysis, evaluation to detect abnormal (eg, expanded) alleles	
81178	Txn1 (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 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)	
81200	Aspa gene analysis common variants	
81201	Apc (adenomatous polyposis coli) (eg, familial adenomatosis polyposis [fap], attenuated fap) gene analysis; full gene sequence	
81202	Apc gene analysis known familial variants	
81203	Apc 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	Bckdhb gene analysis common variants	
81210	Braf (b-raf proto-oncogene, serine/threonine kinase) (eg, colon cancer, melanoma), gene analysis, v600 variant(s)	
81212	Brca1 brca 2 gen alys 185delag 5385insc 6174delt	
81215	Brca1 gene analysis known familial variant	
81216	Brca2 gene analysis full sequence analysis	
81217	Brca2 gene analysis known familial variant	
81219	Calr (calreticulin) (eg, myeloproliferative disorders), gene analysis, common variants in exon 9	
81225	Cyp2c19 gene analysis common variants	
81227	Cyp2c9 gene analysis common variants	
81228	Cytogenom const microarray copy number variants	
81229	Cytogenom const microarray copy number&snp var	

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	
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)	
81241	F5 (coagulation factor v) (eg, hereditary hypercoagulability) gene analysis, leiden variant	
81243	Fmr1 analysis eval to detect abnormal alleles	
81244	Fmr1 gene analysis characterization of alleles	
81250	G6pc gene analysis common 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 gene analysis common variants	
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)	
81260	Ikbkap gene analysis common variants	
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 sequ	
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 (kirsten rat sarcoma viral oncogene homolog) (eg, carcinoma) gene analysis; variants in exon 2 (eg, 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	
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	
81288	Mlh1 gene analysis promoter methylation analysis	
81289	Fxn (frataxin) (eg, friedreich ataxia) gene analysis; known familial variant(s)	
81290	Mcoln1 mucolipin1 gene analysis common variants	
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	
81295	Msh2 (mutl homolog 2, colon cancer, nonpolyposis type 1) (eg, hereditary non-polyposis colorectal cancer, lynch syndrome) gene analysis; full sequence analysis	
81296	Msh2 gene analysis known familial variants	
81298	Msh6 (mutl homolog 6 [e. Coli]) (eg, hereditary non-polyposis colorectal cancer, lynch syndrome) gene analysis; full sequence analysis	
81299	Msh6 gene analysis known familial variants	
81301	Microsatellite instability analysis (eg, hereditary non-polyposis colorectal cancer, lynch syndrome) of markers for mismatch repair deficiency (eg, bat25, bat26), includes com	
81302	Mecp2 gene analysis full sequence	
81303	Mecp2 gene analysis known familial variant	
81304	Mecp2 gene analysis duplication/deletion variant	
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; full gene sequence	
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)	
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 specific antigen ratio	
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 intro	
81316	Pml/raralpha single breakpoint qual/quan	
81317	Pms2 (postmeiotic segregation increased 2 [s. Cerevisiae]) (eg, hereditary non-polyposis colorectal cancer, lynch syndrome) gene analysis; full sequence analysis	
81318	Pms2 gene analysis known familial 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 gene analysis known familial variant	
81323	Duplication/deletion variant	
81324	Pmp22 gene anal duplication/deletion analysis	
81325	Pmp22 gene analysis full sequence analysis	
81326	Pmp22 gene analysis known familial variant	
81327	Sept9 gene promoter methylation analysis	
81330	Smpd1 gene analysis common variants	
81331	Snrpn/ube3a methylation analysis	
81332	Serpina1 gene analysis common variants	
81333	Tgfb1 (transforming growth factor beta-induced) (eg, corneal dystrophy) gene analysis, common variants (eg, r124h, r124c, r124l, r555w, r555q)	
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)	
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)	
81350	Ugt1a1 gene analysis common variants	
81355	Vkorc1 gene analysis common variant(s)	
81401	Molecular pathology procedure, level 2 (eg, 2-10 snps, 1 methylated variant, or 1 somatic variant [typically using nonsequencing target variant analysis], or detection of a dy	
81402	Molecular pathology procedure, level 3 (eg, >10 snps, 2-10 methylated variants, or 2-10 somatic variants [typically using non-sequencing target variant analysis], immunoglobul	
81403	Molecular pathology procedure, level 4 (eg, analysis of single exon by dna sequence analysis, analysis of >10 amplicons using multiplex pcr in 2 or more independent reactions,	

81404	Molecular pathology procedure, level 5 (eg, analysis of 2-5 exons by dna sequence analysis, mutation scanning or duplication/deletion variants of 6-10 exons, or characterizati	
81405	Molecular pathology procedure, level 6 (eg, analysis of 6-10 exons by dna sequence analysis, mutation scanning or duplication/deletion variants of 11-25 exons, regionally targ	
81406	Molecular pathology procedure, level 7 (eg, analysis of 11-25 exons by dna sequence analysis, mutation scanning or duplication/deletion variants of 26-50 exons, cytogenomic ar	
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, tgfb1, tgfb2, 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 tgfb1, tgfb2, myh11, and col3a1	
81412	Ashkenazi jewish assoc dsrdrs gen seq anal 9 gen	
81413	Car ion chnnlpath genomic seq alys inc 10 gns	
81414	Car ion chnnlpath dup/del gn alys panel 2 genes	
81415	Exome sequence analysis	
81416	Exome sequence analysis each comparator exome	
81417	Exome re-eval of previously obtained exome seq	
81420	Fetal chromosomal aneuploidy (eg, trisomy 21, monosomy x) genomic sequence analysis panel, circulating cell-free fetal dna in maternal blood, must include analysis of chromosomes 13, 18, and 21	
81432	Hereditary breast cancer-related disorders (eg, hereditary breast cancer, hereditary ovarian cancer, hereditary endometrial cancer); genomic sequence analysis panel, must incl	
81433	Hereditary brst ca-related dup/del analysis	
81435	Hereditary colon ca dsrdrs gen seq analys 10 gen	
81436	Hereditary colon ca dsrdrs dup/del analys 5 gen	
81437	Heredtry nurondcrn tum dsrdrs gen seq anal 6 gen	
81438	Heredtry nurondcrn tum dsrdrs dup/del analysis	
81439	Hereditary cardiomyopathy gen seq analys 5 gen	
81442	Noonan spectrum disorders gen seq analys 12 gen	

81443	Genetic testing for severe inherited conditions (eg, cystic fibrosis, ashkenazi jewish-associated disorders [eg, bloom syndrome, canavan disease, fanconi anemia type c, mucopolidosis 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, bckdhd, blm, cftr, dhcr7, fancc, g6pc, gaa, galt, gba, gbe1, hbb, hexa, ikbkap, mcoln1, pah)	
81450	Targeted genomic sequence analysis panel, hematolymphoid neoplasm or disorder, dna analysis, and rna analysis when performed, 5-50 genes (eg, braf, cebpa, dnmt3a, ezh2, flt3, idh1, idh2, jak2, kras, kit, mll, nras, npm1, notch1), interrogation for sequence variants, and copy number variants or rearrangements, or isoform expression or mrna expression levels, if performed	
81455	copy number variants or rearrangements, if performed	
81460	Whole mitochondrial genome (eg, leigh syndrome, mitochondrial encephalomyopathy, lactic acidosis, and stroke-like episodes [melas], myoclonic epilepsy with ragged-red fibers [
81465	Whole mitochondrial genome large deletion analysis panel (eg, kearns-sayre syndrome, chronic progressive external ophthalmoplegia), including heteroplasmy detection, if performed	
81479	Unlisted molecular pathology procedure	
81503	Oncology (ovarian), biochemical assays of five proteins, utilizing serum, algorithm reported as a risk score	
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	
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	
81525	Oncology colon mrna gene expression 12 genes	
81538	Oncology lung ms 8-protein signature	
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	
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)	

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	
84999	Unlisted chemistry procedure	
88271	Molecular cytogenetics dna probe each	
88273	Molecular cytogenetics chrmmoml ish 10-30 cll	
88275	Molec cytg interphase ish analyze 100-300 cll	
88291	Cytogenetics&molec cytogenetics interp&rep	
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])	
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	
Hospital and Ambulatory Surgery Center Surgeries/Procedures		
Code	Description	
15824	Rhytidectomy Forehead	
15825	Rhytidectomy Neck W/Platysmal Tightening	
15826	Rhytidectomy Glabellar Frown Lines	
15828	Rhytidectomy Cheek Chin&Neck	
15829	Rhytidectomy Smas Flap	
43644	Laparoscopy, Surgical, Gastric Restrictive Procedure; With Gastric Bypass And Ro	
43645	Laparoscopy, Surgical, Gastric Restrictive Procedure; With Gastric Bypass And	
43647	Laparoscopy, Surgical; Implantation Or Replacement Of Gastric Neurostimulator Electrodes, Antrum	
43659	Unlisted laparoscopy procedure, stomach	

43770	Laparoscopy, Surgical, Gastric Restrictive Procedure; Placement Of Adjustable Gast	
43771	Laparoscopy, Surgical, Gastric Restrictive Procedure; Revision Of Adjustable Gast	
43772	Laparoscopy, Surgical, Gastric Restrictive Procedure; Removal Of Adjustable Gast	
43773	Laparoscopy, Surgical, Gastric Restrictive Procedure; Removal And Replacement Of	
43774	Laparoscopy, Surgical, Gastric Restrictive Procedure; Removal Of Adjustable Gast	
43330	Esophagomyotomy (Heller type); abdominal approach	
43331	Esophagomyotomy (Heller type); thoracic approach	
43840	Gastrorrhaphy, suture of perforated duodenal or gastric ulcer, wound, or injury	
43843	Gstr Rstcv W/O Byp Oth/Thn Ver-Banded Gstp	
43845	Gastric Rstcv W/Prtl Gastrectomy 50-100 Cm	
43846	Gastric Rstcv W/Byp W/Short Limb 150 Cm/<	
43847	Gastric Rstcv W/Byp W/Sm Int Rcnstj Limit Absrpj	
43848	Revision Open Gastric Restrictive Px Not Device	
43881	Implantation Or Replacement Of Gastric Neurostimulator Electrodes, Antrum, Open	
43882	Revision Or Removal Of Gastric Neurostimulator Electrodes, Antrum, Open	
43886	Gstr Rstcv Px Opn Revj Subq Port Component Only	
43887	Gstr Rstcv Px Opn Rmvl Subq Port Component Only	
43888	Gstr Rstcv Opn Rmvl&Rplcmt Subq Port	
47370	Laparoscopy, surgical, ablation of one or more liver tumor(s) ;radiofrequency	
47380	Ablation, open, of one or more liver tumor(s); radiofrequency	
47382	Ablation, 1 or more liver tumor(s), percutaneous, radiofrequency	
17999	Unlisted procedure, skin, mucous membrane and subcutaneous tissue	
19300	Mastectomy for gynecomastia	
19316	Mastopexy	
19318	Reduction Mammoplasty	
19325	Mammoplasty, Augmentation; With Prosthetic Implant	
19328	Removal Of Intact Mammary Implant	
19330	Removal Of Mammary Implant Material	
19340	Immediate Insertion Of Breast Prosthesis Following Mastopexy, Mastectomy Or In	
19342	Delayed Insertion Of Breast Prosthesis Following Mastopexy, Mastectomy Or In	
19350	Nipple/Areola Reconstruction	
19355	Correction Of Inverted Nipples	
19357	Breast Reconstruction, Immediate Or Delayed, With Tissue Expander, Including	
19361	Breast Reconstruction With Latissimus Dorsi Flap, Without Prosthetic Implant	
19364	Breast Reconstruction With Free Flap	

19366	Breast Reconstruction With Other Technique	
19367	Breast Reconstruction With Transverse Rectus Abdominis Myocutaneous Flap	
19368	Breast Reconstruction With Transverse Rectus Abdominis Myocutaneous Flap	
19369	Breast Reconstruction With Transverse Rectus Abdominis Myocutaneous Flap	
19370	Open Periprosthetic Capsulotomy, Breast	
19371	Periprosthetic Capsulectomy, Breast	
19380	Revision Of Reconstructed Breast	
19396	Preparation Moulage Custom Breast Implant	
21141	Reconstruction Midface, Lefort I; Single Piece, Segment Movement In Any	
21142	Reconstruction Midface, Lefort I; Two Pieces, Segment Movement In Any	
21143	Reconstruction Midface, Lefort I; Three Or More Pieces, Segment Movement In Any	
21145	Reconstruction Midface, Lefort I; Single Piece, Segment Movement In Any	
21206	Osteotomy Maxilla Segmental	
21121	Genioplasty Sliding Osteotomy Single Piece	
21122	Genioplasty 2/> Sliding Osteotomies	
21123	Geniop Sliding Agmntj W/Interposal Bone Grafts	
21125	Agmntj Mndblr Body/Angle Prosthetic Material	
21127	Agmntj Mndblr Bdy/Angl W/B1 Grf Onlay/Interposal	
21110	Application of interdental fixation device for conditions other than fracture or dislocation, includes removal	
21120	Genioplasty Augmentation	
19499	Unlisted Procedure Breast	
21085	Impression and custom preparation; oral surgical splint	
21295	Reduction Masseter Muscle&Bone Extraoral	
21296	Reduction Masseter Muscle&Bone Intraoral	
21299	Unlisted Craniofacial&Maxillofacial Procedure	
22206	Osteotomy Of Spine, Posterior Or Posterolateral Approach, Three Columns, One Ver	
22207	Osteotomy Of Spine, Posterior Or Posterolateral Approach, Three Columns, One Ver	
22208	Osteotomy Of Spine, Posterior Or Posterolateral Approach, Three Columns, One Ver	
22210	Osteotomy Of Spine, Posterior Or Posterolateral Approach, One Vertebral Segment;	
22212	Osteotomy Of Spine, Posterior Or Posterolateral Approach, One Vertebral	
22214	Osteotomy Of Spine, Posterior Or Posterolateral Approach, One Vertebral	
22216	Osteotomy Of Spine, Posterior Or Posterolateral Approach, One Vertebral	
22220	Osteotomy Of Spine, Including Discectomy, Anterior Approach, Single Vertebral	
22222	Osteotomy Of Spine, Including Discectomy, Anterior Approach, Single Vertebral	

22224	Osteotomy Of Spine, Including Discectomy, Anterior Approach, Single Vertebral	
22226	Osteotomy Of Spine, Including Discectomy, Anterior Approach, Single Vertebral	
31830	Revision of tracheostomy scar	
15830	Excision, excessive skin and subcutaneous tissue (includes lipectomy); abdomen, infraumbilical panniculectomy	
15832	Excision excessive skin and subcutaneous tissue Thigh	
15833	Excision excessive skin and subcutaneous tissue Leg	
15834	Excision excessive skin and subcutaneous tissue Hip	
15835	Excision excessive skin and subcutaneous tissue Buttock	
15836	Excision excessive skin and subcutaneous tissue Arm	
15837	Excision excessive skin and subcutaneous tissue Forearm/Hand	
15838	Excision excessive skin and subcutaneous tissue Submental Fat Pad	
15839		
15847	Excision, excessive skin and subcutaneous tissue (includes lipectomy), abdomen (eg, abdominoplasty) (includes umbilical transposition and fascial plication)(List separately in addition to code for primary procedure)	
15876	Suction Assisted Lipectomy Head&Neck	
15877	Suction Assisted Lipectomy Trunk	
15878	Suction Assisted Lipectomy Upper Extremity	
15879	Suction Assisted Lipectomy Lower Extremity	
48999	Other Procedures on the Pancreas	
43870, 43999	Other Procedures on the Stomach	
69714	temple bone stimulator implant	
69715	temple bone stimulator implant	
69720	release facial nerve	
69725	release facial nerve	
69740	repair facial nerve	
69745	repair facial nerve	
68700	Plastic repair of canaliculi	
43210	Esophagogastroduodenoscopy, flexible, transoral; with esophagogastric fundoplasty, partial or complete, includes duodenoscopy when performed	
43279	Laparoscopy, surgical, esophagomyotomy (Heller type), with fundoplasty, when performed	
G0277	Hyperbaric oxygen under pressure, full body chamber, per 30 minute interval	
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	
96921	Excimer laser treatment for psoriasis; 250 sq cm to 500 sq cm	
96922	Excimer laser treatment for psoriasis; over 500 sq cm	
21210	Graft, bone; nasal, maxillary or malar areas (includes obtaining graft)	

21215	Graft, bone; mandible (includes obtaining graft)	
21230	Graft; rib cartilage, autogenous, to face, chin, nose or ear (includes obtaining graft)	
21235	Graft; ear cartilage, autogenous, to nose or ear (includes obtaining graft)	
21685	Hyoid myotomy and suspension	
25922	Disarticulation through wrist; secondary closure or scar revision	
26508	Release of thenar muscle(s) (e.g., thumb contracture)	
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)	
0164T	Removal of total disc arthroplasty, (artificial disc), anterior approach, each additional interspace, lumbar (List separately in addition to code for primary procedure)	
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)	
0202T	Posterior vertebral joint(s) arthroplasty (e.g., facet joint[s] replacement), including facetectomy, laminectomy, foraminotomy, and vertebral column fixation, injection of bone cement, when performed, including fluoroscopy, single level, lumbar spine	
Neurosurgery		
Code	Description	
22100, 22101, 22102, 22103	Partial Excision Of Posterior Vertebral Component (Eg, Spinous Process, Lamina	
22110, 22112, 22114, 22116	Partial Excision Of Vertebral Body, For Intrinsic Bony Lesion, Without	
22510	Percutaneous vertebroplasty (bone biopsy included when performed), 1 vertebral body, unilateral or bilateral injection, inclusive of all imaging guidance ; cervicothoracic	
22511	Perq Vertebroplasty Uni/Bi Injection Lumbosacral	
22512	Vertebroplasty Each Addl Cervicothor/Lumbosacral	
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	Perq Vert Agmntj Cavity Crtj Uni/Bi Cannulj Lmbr	
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 Segment (List Separately in Addition To Code For Primary Procedure)	
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)	
22600	Procedure) 22600 Arthrodesis, Posterior Or Posterolateral Technique, Single Level; Cervical Below C2 Segment	
22612	Arthrodesis, Posterior Or Posterolateral Technique, Single Level; Lumbar (With Lateral Transverse Technique, When Performed)	
22614	Arthrodesis, Posterior Or Posterolateral Technique, Single Level; Each Additional Vertebral Segment (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; 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 And Segment; 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); Each Additional Interspace And Segment (List Separately In Addition To Code For Primary Procedure)	
22830	Exploration Of Spinal Fusion	

22856	Total disc arthroplasty (artificial disc), anterior approach, including discectomy with end plate preparation (includes osteophylectomy for nerve root or spinal cord decompression and microdissection)	
22858	Total disc arthroplasty (Artificial Disc), anterior approach, including discectomy with end plate preparation (Includes Osteophylectomy For Nerve Root Or Spinal Cord Decompression And Microdissection); Second Level, Cervical (List separately in addition to code for primary procedure)	
22861	Revision Including Replacement Of Total Disc Arthroplasty (Artificial Disc), Anterior Approach, Single Interspace; Cervical	
63001	Laminectomy With Exploration And/Or Decompression Of Spinal Cord And/Or Cauda Eq	
63012	Laminectomy With Removal Of Abnormal Facets And/Or Pars Inter-Articularis With	
63003, 63005, 63011, 63015, 63016, 63017	Laminectomy With Exploration And/Or Decompression Of Spinal Cord And/Or Cauda	
63020, 63030, 63035	Laminotomy (Hemilaminectomy), With Decompression Of Nerve Root(S), Including Par	
63040, 63042, 63043, 63044	Laminotomy (Hemilaminectomy), With Decompression Of Nerve Root(S), Including	
63045, 63046, 63047, 63048	Laminectomy, Facetectomy And Foraminotomy (Unilateral Or Bilateral With	
63055	Transpedicular Approach With Decompression Of Spinal Cord, Equina And/Or Nerve R	
63056, 63057	Transpedicular Approach With Decompression Of Spinal Cord, Equina And/Or Nerve	
63075, 63076, 63077, 63078	Removal Of Upper Spine Disc And Release Of Spinal Cord And/Or Nerves	
63081, 63082	Vertebral Corpectomy (Vertebral Body Resection), Partial Or Complete, Anterior	
63085, 63086	Vertebral Corpectomy (Vertebral Body Resection), Partial Or Complete,	
63087, 63088	Vertebral Corpectomy (Vertebral Body Resection), Partial Or Complete, Combined	
63090, 63091	Vertebral Corpectomy (Vertebral Body Resection), Partial Or Complete,	
63101	Vertebral Corpectomy (Vertebral Body Resection), Partial Or Complete, Lateral Ex	

63102, 63103	Vertebral Corpectomy (Vertebral Body Resection), Partial Or Complete, Lateral	
63250	Laminectomy For Excision Or Occlusion Of Arteriovenous Malformation Of Spinal Co	
63251, 63252	Laminectomy For Excision Or Occlusion Of Arteriovenous Malformation Of Spinal	
63265, 63266, 63267, 63268	Laminectomy For Excision Or Evacuation Of Intraspinal Lesion, POS 22 (Not ASC)	
63270, 63271, 63272, 63273	Laminectomy For Excision Of Intraspinal Lesion Other Than Neoplasm, Intradural;	
63275	Laminectomy For Biopsy/Excision Of Intraspinal Neoplasm; Extradural, Cervical	
63276	Laminectomy For Biopsy/Excision Of Intraspinal Neoplasm; Extradural, Thoracic	
63277	Laminectomy For Biopsy/Excision Of Intraspinal Neoplasm; Extradural, Lumbar	
63278	Laminectomy For Biopsy/Excision Of Intraspinal Neoplasm; Extradural, Sacral	
63650	Percutaneous Implantation Of Neurostimulator Electrode Array, Epidural	
63655	Laminectomy for implantation of neurostimulator electrodes, plate/paddle, epidural	
63661	Removal Of Spinal Neurostimulator Electrode Percutaneous Array(S), Including Fluoroscopy, When Performed	
63633	Revision Including Replacement, When Performed, Of Spinal Neurostimulator Electr	
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,	
63688	Revision Or Removal Of Implanted Spinal Neurostimulator Pulse Generator Or	
63663	Revision Including Replacement, When Performed, Of Spinal Neurostimulator Electr	
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,	
63688	Revision Or Removal Of Implanted Spinal Neurostimulator Pulse Generator Or	
22505	Manipulation Procedures on the Spine (Vertebral Column)	

22856	Total disc arthroplasty (artificial disc), anterior approach, including discectomy with end plate preparation (includes osteophylectomy for nerve root or spinal cord decompression and microdissection)	
22858	Total disc arthroplasty (Artificial Disc), anterior approach, including discectomy with end plate preparation (Includes Osteophylectomy For Nerve Root Or Spinal Cord Decompression And Microdissection); Second Level, Cervical (List separately in addition to code for primary procedure)	
22861	Revision Including Replacement Of Total Disc Arthroplasty (Artificial Disc), Anterior Approach, Single Interspace; Cervical	
22899	Other Procedures on the Spine (Vertebral Column)	
61850	Twist/Burr Hole Impltj Nstim Eltrd Cortical	
61860	Crnec/Crx Impltj Nstim Eltrd Cere Cortical	
61863	Strtctc Impltj Nstim Eltrd W/O Record 1St Array	
61864	Strtctc Impltj Nstim Eltrd W/O Record Ea Array	
61867	Strtctc Impltj Nstim Eltrd W/Record 1St Array	
61868	Strtctc Impltj Nstim Eltrd W/Record Ea Array	
61870	Crnec Impltj Nstim Eltrd Cerebellar Cortical	
61885, 61886	Insertion Or Replacement Of Cranial Neurostimulator Pulse Generator Or	
0228T	Njx Anes/Steroid Tfrml Edrl W/Us Cer/Thor 1 Lvl	
0229T	Njx Anes/Sterd Tfrml Edrl W/Us Cer/Thor Ea Addl	
0230T	Njx Anes/Steroid Tfrml Edrl W/Us Lum/Sac 1 Lvl	
0231T	Njx Anes/Steroid Tfrml Edrl W/Us Lum/Sac Ea Addl	
Ophthalmology		
Code	Description	
15820	Blepharoplasty Lower Eyelid	
15821	Blepharoplasty Lower Eyelid Herniated Fat Pad	
15822	Blepharoplasty, Upper eyelid	
15823	Blepharoplasty, Upper Eyelid; With Excessive Skin Weighting Down Lid	
67900	Repair eyebrow defect	
67901, 67902, 67903, 67904, 67906, 67908, 67909, 67911, 67912	Repair eyelid defect	
67961	Excision and repair of eyelid, involving lid margin, tarsus, conjunctiva, canthus, or full thickness; up to one-fourth of lid margin	
67971	Reconstruction of eyelid, full thickness by transfer of tarsoconjunctival flap from opposing eyelid; up to two-thirds of eyelid, 1 stage or first stage	

67973	Reconstruction of eyelid, full thickness by transfer of tarsoconjunctival flap from opposing eyelid; total eyelid, lower, 1 stage or first stage	
67974	Reconstruction of eyelid, full thickness by transfer of tarsoconjunctival flap from opposing eyelid; total eyelid, upper, 1 stage or first stage	
67975	Reconstruction of eyelid, full thickness by transfer of tarsoconjunctival flap from opposing eyelid; second stage	
68700	Plastic repair of canaliculi	
Oral Surgery		
Code	Description	
21208	Osteoplasty Facial Bones Augmentation	
21209	Osteoplasty Facial Bones Reduction	
Orthopedic		
Code	Description	
23334	Removal Of Prosthesis, Includes Debridement And Synovectomy When Performed; Hume	
23335	Removal Of Prosthesis, Includes Debridement And Synovectomy When Performed; Hume	
23455	Capsulorrhaphy, anterior; with labral repair (eg, Bankart procedure)	
23470	Arthroplasty, Glenohumeral Joint; Hemiarthroplasty	
23472	Arthroplasty, Glenohumeral Joint; Total Shoulder (Glenoid And Proximal Humeral	
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	
23800	Arthrodesis Glenohumeral Joint	
23802	Arthrodesis Glenohumeral Jt W/Autogenous Graft	
23921	Disarticulation of shoulder; secondary closure or scar revision	
24925	Amputation, arm through humerus; secondary closure or scar revision	
25441	Arthroplasty W/Prosthetic Rplcmt Distal Radius	
25442	Arthroplasty W/Prosthetic Rplcmt Distal Ulna	
25443	Arthroplasty W/Prosthetic Rplcmt Scaphoid Carpal	
25444	Arthroplasty W/Prosthetic Replacement Lunate	
25445	Arthroplasty W/Prosthetic Replacement Trapezium	
25446	Arthrp W/Prostc Rplcmt Dstl Rds&Prtl/Carpus	
25447	Arthrp Interpos Intercarpal/Metacarpal Joints	
25907	Amputation, forearm, through radius and ulna; secondary closure or scar revision	
25922	Disarticulation through wrist; secondary closure or scar revision	
25929	Transmetacarpal amputation; secondary closure or scar revision	
26530	Arthroplasty Metacarpophalangeal Joint Each	

26531	Arthrp Mtcaphngl Jt W/Prostc Implt Ea Jt	
26535	Arthroplasty Interphalangeal Joint Each	
26536	Arthroplasty Interphalangeal Jt W/Prosthetic Ea	
27125	Hemiarthroplasty Hip Partial	
27130	Arthroplasty, acetabular and proximal femoral prosthetic replacement (total hip arthroplasty), with or without autograft or allograft	
27132	Conversion Of Previous Hip Surgery To Total Hip Arthroplasty, With Or Without	
27134	Revision Of Total Hip Arthroplasty; Both Components, With Or Without Autograft	
27137	Revision Of Total Hip Arthroplasty; Acetabular Component Only, With Or Without	
27138	Revision Of Total Hip Arthroplasty; Femoral Component Only, With Or Without	
27412	Autologous chondrocyte implantation, knee	
27415	Osteochondral allograft, knee, open	
27427	Ligamentous Reconstruction Knee Extra-Articular	
27428	Ligamentous Reconstruction Knee Intra-Articular	
27429	Ligmentous Rcnstj Agmntj Kne Intra-Articular Xtr	
27437	Arthroplasty, Patella; Without Prosthesis	
27438	Arthroplasty, Patella; With Prosthesis	
27440	Arthroplasty, Knee, Tibial Plateau;	
27441	Arthroplasty, Knee, Tibial Plateau; With Debridement And Partial Synovectomy	
27442	Arthroplasty, Femoral Condyles Or Tibial Plateau(S), Knee;	
27443	Arthroplasty, Femoral Condyles Or Tibial Plateau(S), Knee; With Debridement And	
27445	Arthroplasty, Knee, Hinge Prosthesis (Eg, Walldius Type)	
27446	Arthroplasty, Knee, Condyle And Plateau; Medial Or Lateral Compartment	
27447	Arthroplasty, Knee, Condyle And Plateau; Medial And Lateral Compartments With	
27486	Revision Of Total Knee Arthroplasty, With Or Without Allograft; One Component	
27487	Revision Of Total Knee Arthroplasty, With Or Without Allograft; Femoral And	
27594	Amputation, thigh, through femur, any level; secondary closure or scar revision	
27700	Arthroplasty, Ankle;	
27702	Arthroplasty, Ankle; With Implant (Total Ankle)	
27703	Arthroplasty, Ankle; Revision, Total Ankle	
27884	Amputation, leg, through tibia and fibula; secondary closure or scar revision	
28899	Unlisted procedure, foot or toes	
29806	Arthroscopy, shoulder, surgical; capsulorrhaphy	
29868	Arthroscopy, knee, surgical meniscal transplantation (includes arthrotomy for meniscal insertion), medial or lateral	

Pain Management		
Code	Description	
62326	Injection(s), including indwelling catheter placement, continuous infusion or intermittent bolus, of diagnostic or therapeutic substance(s) (including anesthetic, antispasmodic, opioid, steroid, other solution), not including neurolytic substances, includes contrast for localization when performed, epidural or subarachnoid; lumbar or sacral (caudal); without imaging guidance	
62327	Injection(s), including indwelling catheter placement, continuous infusion or intermittent bolus, of diagnostic or therapeutic substance(s) (including anesthetic, antispasmodic, opioid, steroid, other solution), not including neurolytic substances, includes contrast for localization when performed, epidural or subarachnoid; lumbar or sacral (caudal); with imaging guidance (ie, fluoroscopy or CT)	
62350	Implantation, revision or repositioning of tunneled intrathecal or epidural catheter, for long-term medication administration via an external pump or implantable reservoir/infusion pump; without laminectomy	
62351	Implantation, revision or repositioning of tunneled intrathecal or epidural catheter, for long-term medication administration via an external pump or implantable reservoir/infusion pump; with laminectomy	
62360	Implantation or replacement of device for intrathecal or epidural drug infusion; subcutaneous reservoir	
62361	Implantation or replacement of device for intrathecal or epidural drug infusion; nonprogrammable pump	
62362	Implantation or replacement of device for intrathecal or epidural drug infusion; programmable pump, including preparation of pump, with or without programming	
64408	Injection Anesthetic Agent Vagus Nerve	
64410	Injection Anesthetic Agent Phrenic Nerve	
64413	Injection Anesthetic Agent Cervical Plexus	
64415	Njx aa&/strd brach plexus	
64416	Injection, anesthetic agent; brachial plexus, continuous infusion by catheter (including catheter placement)	
64417	Njx aa&/strd axillary nrv	
64445	Njx aa&/strd sciatic nerve	
64448	Njx aa&/strd fem nerve nfs	
64451	Njx aa&/strd nrv nrvtg si jt	
64455	Njx aa&/strd pltr com dg nrv	
64461	Paravertebral Block (Pvb) (Paraspinous Block), Thoracic; Single Injection Site (Includes Imaging Guidance, When Performed)	
64462	Paravertebral Block (Pvb) (Paraspinous Block), Thoracic; Second And Any Additional Injection Site(S) (Includes Imaging Guidance, When Performed)	
64463	Paravertebral Block (Pvb) (Paraspinous Block), Thoracic; Continuous Infusion By Catheter (Includes Imaging Guidance, When Performed)	
64479	Injection(s), anesthetic agent and/or steroid, transforaminal epidural, with imaging guidance (fluoroscopy or CT); cervical or thoracic, single level	

64480	Injection(s), anesthetic agent and/or steroid, transforaminal epidural, with imaging guidance (fluoroscopy or CT); cervical or thoracic, each additional level	
64483	Injection(s), anesthetic agent and/or steroid, transforaminal epidural, with imaging guidance (fluoroscopy or CT); lumbar or sacral, single level	
64484	Injection(s), anesthetic agent and/or steroid, transforaminal epidural, with imaging guidance (fluoroscopy or CT); lumbar or sacral, each additional level	
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	
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)	
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	
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)	
64505	Injection, anesthetic agent; celiac plexus, with or without radiologic monitoring	
64510	Injection, anesthetic agent stellate ganglion (cervical sympathetic)	
64517	Injection, anesthetic agent superior hypogastric plexus	
64520	Injection, anesthetic agent lumbar or thoracic (paravertebral sympathetic)	
64530	Injection, anesthetic agent; celiac plexus, with or without radiologic monitoring	
64553	Percutaneous Implantation Of Neurostimulator Electrode Array; Cranial Nerve	
64555	Percutaneous Implantation Of Neurostimulator Electrode Array; Peripheral Nerve	
64561	Percutaneous Implantation Of Neurostimulator Electrode Array; Sacral Nerve	
64566	Posterior tibial neurostimulation, percutaneous needle electrode, single treatment, includes programming	
64568	Incision For Implantation Of Cranial Nerve (Eg, Vagus Nerve) Neurostimulator Electrode Array And Pulse Generator	
64575	Incision for implantation of neurostimulator electrode array; peripheral nerve (excludes sacral nerve)	
64580	Incision For Implantation Of Neurostimulator Electrode Array; Neuromuscular	
64581	Incision for implantation of neurostimulator electrode array; sacral nerve (transforaminal placement)	

64585	Revision Or Removal Of Peripheral Neurostimulator Electrode Array	
64590	Insertion Or Replacement Of Peripheral Or Gastric Neurostimulator Pulse Generato	
64595	Revision Or Removal Of Peripheral Or Gastric Neurostimulator Pulse Generator Or	
64600	Dstrj Trigeminal Nrv Supraorb Infraorb Branch	
64605	Dstrj Neurolytic Trigeminal Nrv 2/3 Div Branch	
64610	Dstrj Neurlytic Trigem Nrv 2/3 Div Radio Monitor	
64615	Chemodenerv musc migraine	
64620	Dstrj Neurolytic Agent Intercostal Nerve	
64630	Dstrj Neurolytic Agent Pudendal Nerve	
64633	Dstr Nrolytc Agnt Parverteb Fct Sngl Crvcl/Thora	
64634	Dstr Nrolytc Agnt Parverteb Fct Addl Crvcl/Thora	
64635	Dstr Nrolytc Agnt Parverteb Fct Sngl Lmbr/Sacral	
64636	Dstr Nrolytc Agnt Parverteb Fct Addl Lmbr/Sacral	
64640	Dstrj Neurolytic Agent Other Peripheral Nerve	
64680	Dstrj Neurolytic W/Wo Rad Monitor Celiac Plexus	
64681	Dstrj Nulyt W/Worad Mntr Suprior Hypogstr Plexus	
64999	Unlisted procedure, nervous system	
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, lumbar or sacral (caudal); 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, lumbar or sacral (caudal); with imaging guidance (ie, fluoroscopy or CT)	
62322	Injection(s), of diagnostic or therapeutic substance(s) (including anesthetic, antispasmodic, opioid, steroid, other solution), not including neurolytic substances, including needle or catheter placement, includes contrast for localization when performed, epidural or subarachnoid; lumbar or sacral (caudal); without imaging guidance	
62323	Injection(s), of diagnostic or therapeutic substance(s) (including anesthetic, antispasmodic, opioid, steroid, other solution), not including neurolytic substances, including needle or catheter placement, includes contrast for localization when performed, epidural or subarachnoid; lumbar or sacral (caudal); with imaging guidance (ie, fluoroscopy or CT)	
62324	Injection(s), including indwelling catheter placement, continuous infusion or intermittent bolus, of diagnostic or therapeutic substance(s) (including anesthetic, antispasmodic, opioid, steroid, other solution), not including neurolytic substances, includes contrast for localization when performed, epidural or subarachnoid; cervical or thoracic; without imaging guidance	

62325	Injection(s), including indwelling catheter placement, continuous infusion or intermittent bolus, of diagnostic or therapeutic substance(s) (including anesthetic, antispasmodic, opioid, steroid, other solution), not including neurolytic substances, includes contrast for localization when performed, epidural or subarachnoid; cervical or thoracic; with imaging guidance (ie, fluoroscopy or CT)	
Part B Drugs		
Code A9513	Description Lutetium lu, dotatate, therapeutic	
A9607	Lutetium lu, vipivotide tetraxetan, therapeutic	
C9146	Injection, Elahere	
C9148	Inj, teclistamab-cqyv, 0.5mg	
C9399	Unclassified drugs or biologicals	
J0129	Injection, Abatacept (Orencia)	
J0135	Injection, adalimumab	
J0172	Aducanumab-avwa (Aduhelm)	
J0174	Injection, lecanemab-irmb	
J0177	Aflibercept injection 8mg (Eylea HD)	
J0177	Injection, aflibercept hd, 1 mg	
J0177	Aflibercept injection 8mg (Eylea HD)	
J0178	Aflibercept Injection	
J0179	Injection, Brolucizumab-dbli	
J0180	Agalsidase Beta Injection	
J0202	Injection, Alemtuzumab	
J0217	Injection, velmanase alfa-tycv, 1 mg	
J0218	Xenpozyme (olipudase alfa-rpcp)	
J0219	Injection, avalglucosidase alfa-ngpt	
J0220	Injection, alglucosidase alfa, not otherwise specified	
J0221	Lumizyme Injection	
J0222	Injection, Patisiran	
J0223	Injection Givosiran	
J0224	Injection, Lumasiran	
J0248	Injection, remdesivir	
J0256	Alpha 1 Proteinase Inhibitor	
J0257	Glassia Injection	
J0364	Apomorphine	
J0480	Injection, Basiliximab	
J0485	Belatacept Injection	
J0490	Belimumab Injection	

J0491	Injection, anifrolumab-fnia	
J0517	Injection, Benralizumab (Fasenra)	
J0565	Injection, Bezlotoxumab	
J0567	Injection, cerliponase alfa	
J0570	Buprenorphine Implant	
J0577	Injection, buprenorphine extended-release (brixadi), less than or equal to 7 days of therapy	
J0578	Injection, buprenorphine extended release (brixadi), greater than 7 days and up to 28 days of therapy	
J0584	Injection, Burosumab-twza	
J0585	Injection, Onabotulinumtoxina	
J0586	Abobotulinumtoxina	
J0587	Injection Rimabotulinumtoxinb	
J0588	Incobotulinumtoxin a	
J0589	Injection, daxibotulinumtoxina-lanm, 1 unit	
J0592	Injection, Buprenorphine Hydrochloride	
J0593	Injection, Lanadelumab-flyo	
J0596	Injection, Ruconest	
J0597	C-1 Esterase, Berinert	
J0598	C-1 Esterase, Cinryze	
J0599	Injection, C-1 Esterase Inhibitor (human), (Haegarda)	
J0606	Injection, Etelcalcetide	
J0630	Injection, Calcitonin Salmon	
J0638	Canakinumab Injection	
J0717	Certolizumab Pegol Injection	
J0775	Collagenase, Clost Hist Injection	
J0791	Injection, Crizanlizumab-Tmca	
J0791	Injection, crizanlizumab-tmca, 5 mg	
J0881	Darbepoetin Alfa, Non-ESRD	
J0882	Darbepoetin Alfa, ESRD Use	
J0885	Epoetin Alfa, Non-ESRD	
J0886	Injection, Epoetin Alfa (for ESRD on Dialysis)	
J0887	Epoetin Beta ESRD use	
J0888	Epoetin Beta Non-ESRD	
J0896	Injection luspatercept-aamt	
J0897	Denosumab Injection	
J1202	Miglustat, oral, 65 mg	
J1203	Injection, cipaglucosidase alfa-atga, 5 mg	
J1246	Injection, dinutuximab, 0.1 mg	
J1290	Ecallantide Injection	
J1300	Eculizumab Injection	
J1301	Injection, Edaravone	

J1302	Injection, Sutimlimab-Jome	
J1303	Injection, Ravulizumab-cwvz	
J1306	Injection, Inclisiran	
J1322	Elosulfase Alfa, Injection	
J1323	Injection, elranatamab-bcmm, 1 mg	
J1325	Injection, Epoprostenol	
J1411	Hemgenix (etranacogene dezaparvovec-drlb)	
J1412	Roctavian	
J1413	Injection, delandistrogene moxeparvovec-rokl	
J1426	Injection, Casimersen	
J1427	Injection, Viltolarsen	
J1428	Injection, Eteplirsen	
J1429	Injection, Golodirsen	
J1437	Injection, Ferric Derisomaltose	
J1439	Injection Ferric Carboxymaltos	
J1440	Fecal Microbiota, Live - jsIm	
J1442	Injection Filgrastim Excl Biosimil	
J1443	Injection, Ferric Pyrophosphate Citrate Solution, Iron	
J1447	Injection tbo Filgrastim	
J1448	Injection, Trilaciclib	
J1449	Injection, Eflapegrastim-xnst	
J1454	Injection, Fosnetupitant, Palonoset	
J1458	Galsulfase Injection	
J1459	Injection IVIG Privigen	
J1460	Gamma Globulin, IM	
J1551	Injection, Immune Globulin (Cutaquig)	
J1554	Immune Globulin (Asceniv)	
J1555	Immune Globulin (Cuvitru)	
J1556	Injection, Imm Glob Bivigam	
J1557	Immune Globulin, (Gammaplex)	
J1558	Immune Globulin (Xembify)	
J1559	Immune Globulin (Hizentra)	
J1560	Gamma Globulin, IM	
J1561	Gamunex-c/gammaked	
J1562	Immune Globulin (Vivaglobin)	
J1566	Immune Globulin, Powder	
J1568	Octagam Injection	
J1569	Gammagard Liquid Injection	
J1571	Hepagam B IM Injection	
J1572	Flebogamma Injection	
J1573	Hepatitis B IM Globulin	
J1575	Hyqvia Immunoglobulin	
J1595	Injection, Glatiramer Acetate	

J1599	Immune Globulin	
J1602	Golimumab for IV Use	
J1675	Histrelin	
J1743	Idursulfase Injection	
J1744	Icatibant	
J1745	Infliximab not Biosimil	
J1747	Injection, spesolimab-sbzo (Spevigo)	
J1786	Imuglucerase Injection	
J1823	Injection, Inebilizumab-cdon	
J1930	Lanreotide Injection	
J1931	Laronidase Injection	
J1932	Injection, Lanreotide	
J1961	Injection, Lenacapavir	
J2170	Injection, Mecasermin	
J2182	Injection, Mepolizumab, (Nucala)	
J2278	Ziconotide Injection	
J2323	Natalizumab Injection	
J2326	Injection, Nusinersen	
J2327	Injection, Risankizumab-rzaa (Skyrizi)	
J2329	Injection, Ublituximab-xiiy	
J2350	Injection, Ocrelizumab	
J2353	Octreotide Injection, Depot	
J2356	Injection, Tezepelumab-ekko	
J2357	Injection, Omalizumab (Xolair)	
J2502	Pasireotide Long Acting	
J2503	Pegaptanib Sodium Injection	
J2505	Injection, Pegfilgrastim	
J2506	Injection, Pegfilgrast ex bio (Neulasta)	
J2507	Pegloticase Injection	
J2508	Injection, pegunigalsidase alfa-iwxj, 1 mg	
J2562	Plerixafor Injection	
J2777	Injection, Faricimab-svoa, (Vabysmo)	
J2778	Ranibizumab Injection	
J2779	Injection, Ranibizumab, via Intravitreal Implant (Susvimo)	
J2781	Pegcetacoplan Injection, for Intravitreal Use (Syfovre)	
J2782	Izervay (avacincaptad pegol intravitreal solution)	
J2783	Rasburicase	
J2786	Injection, Reslizumab (Cinqair)	
J2793	Injection, Rilonacept	
J2796	Romiplostim Injection	
J2820	Sargramostim Injection	
J2840	Injection, Sebelipase alfa	
J2860	Siltuximab	

J2941	Injection, Somatropin	
J2998	Injection, Plasminogen, human-tvmh	
J3032	Injection, Eptinezumab-jjmr	
J3055	Injection, talquetamab-tgvs, 0.25 mg	
J3060	Injection. Taliglucerase Alfa	
J3111	Injection, Romosozumab-aqqg	
J3241	TEPEZZA (teprotumumab-trbw)	
J3245	Injection, Tildrakizumab	
J3262	Tocilizumab Injection	
J3285	Treprostinil Injection	
J3357	Ustekinumab sub cu Injection	
J3358	Ustekinumab, IV Injection	
J3380	Injection, Vedolizumab	
J3385	Velaglucerase Alfa	
J3396	Verteporfin Injection	
J3397	Injection, Vestronidase alfa-vjbk	
J3399	Idecabtagene Vicleucel (Zolgensma)	
J3401	Beremagene geperpavec-svdt for topical administration	
J3490	Tymlos (abaloparatide)	
J3590	Unclassified Biologics	
J3590	Aflibercept injection 8mg (Eylea HD)	
J3590	Unclassified biologics	
J7170	Injection, Emicizumab-kxwh	
J7175	Injection, Factor x, (human)	
J7177	Injection, human fibrinogen concentrate (fibryga)	
J7178	Injection Human Fibrinogen con nos	
J7179	Vonvendi Injection 1 iu vwf:rho	
J7180	Factor xiii Anti-Hem Factor	
J7181	Factor xiii Recomb a-subunit	
J7182	Factor viii Recomb Novoeight	
J7183	Wilate Injection	
J7185	Xyntha Injection	
J7186	Antihemophilic viii/vwf comp	
J7187	Humate-p, inj	
J7188	Factor viii Recomb Obizur	
J7189	Factor viia Recomb Novoseven	
J7190	Factor viii	
J7191	Factor viii (Antihemophilic Factor (Porcine)	
J7192	Factor viii Recombinant nos	
J7193	Factor ix Non-Recombinant	
J7194	Factor ix Complex	
J7195	Factor ix Recombinant nos	
J7196	Injection, Antithrombin Recombinant	

J7197	Antithrombin iii Injection	
J7198	Anti-Inhibitor	
J7199	Hemophilia Clotting Factor, not otherwise classified	
J7200	Factor ix Recombinan Rixubis	
J7201	Factor ix Alprolix Recomb	
J7202	Factor ix Idelvion	
J7203	Factor ix Recomb Gly Rebinyn	
J7204	Injection, Factor viii, Antihemophilic Factor (Recombinant), (Esperoct), Glycopegylated-exei	
J7205	Factor viii fc Fusion Recomb	
J7207	Factor viii Pegylated Recomb	
J7208	Injection Jivi	
J7209	Factor viii Nuwiq Recomb	
J7210	Injection, Afstyla	
J7211	Injection, Kovaltry	
J7212	Factor viia (Antihemophilic Factor, Recombinant)-jncw (Sevenfact)	
J7311	Injection, Fluocinolone Acetonide, Intravitreal Implant (Retisert)	
J7312	Injection, Dexamethasone, Intravitreal Implant	
J7315	Mitomycin, Ophthalmic	
J7316	Injection, Ocriplasmin	
J7324	Hyaluronan or derivative (Orthovisc)	
J7327	Hyaluronan or Derivative, (Monovisc)	
J7330	Autologous Cultured Chondrocytes, Implant	
J7336	Capsaicin Patch	
J7340	Carbidopa 5 mg/Levodopa 20 mg Enteral Suspension	
J7352	Afamelanotide Implant	
J7504	Antithymocyte Globulin, Equine	
J7511	Antithymocyte Globulin, Rabbit	
J7513	Daclizumab, Parenteral	
J7599	Immunosuppressive drug, not otherwise classified	
J7686	Treprostinil, Non-comp Unit	
J8499	migalastat hydrochloride capsule	
J9015	Injection, Aldesleukin	
J9019	Erwinaze Injection	
J9020	Injection, asparaginase, not otherwise specified, 10,0	
J9021	Injection, Asparaginase, Recombinant, (Rylaze)	
J9022	Injection, Atezolizumab	
J9023	Injection, Avelumab	
J9029	Nadofaragene firadenovec-vncg (Adstiladrin)	
J9033	Injection, Treanda	
J9034	Injection, Bendeka	
J9036	Injection, Bendamustine Hydrochloride, (Belrapzo/Bendamustine)	

J9039	Injection, Blinatumomab	
J9041	Injection, Velcade	
J9042	Brentuximab Vedotin inj	
J9043	Cabazitaxel Injection	
J9046	Injection, Bortezomib (Dr. Reddy's)	
J9047	Injection, Carfilzomib	
J9048	Injection, Bortezomib (Fresenius Kabi)	
J9049	Injection, Bortezomib (Hospira)	
J9055	Cetuximab Injection	
J9057	Injection, Copanlisib	
J9061	Injection, Amivantamab-vmjw	
J9118	Injection, Calaspargase Pegol-mknl, (Asparlas)	
J9119	Injection, cemiplimab-rwlc (Libtayo)	
J9144	Injection, daratumumab, 10 mg and hyaluronidase-fihj	
J9145	Injection, Daratumumab	
J9155	Degarelix Injection	
J9160	Injection, Denileukin Diftitox	
J9173	Injection, Durvalumab	
J9176	Injection, Elotuzumab	
J9177	Injection enfortumab vedotin-ejfv (Padcev)	
J9179	Eribulin Mesylate Injection	
J9203	Gemtuzumab Ozogamicin	
J9204	Injection, Mogamulizumab-Kpkc	
J9205	Injection, Irinotecan Liposome	
J9207	Ixabepilone Injection	
J9210	Injection, Emapalumab-lzsg	
J9223	Injection, Lurbinectedin	
J9225	Vantas Implant	
J9226	Supprelin la Implant	
J9227	Injection, Isatuximab-irfc	
J9228	Ipilimumab Injection	
J9229	Injection Inotuzumab Ozogam	
J9258	Injection, paclitaxel protein-bound particles (teva)	
J9262	Injection, Omacetaxine Mepesuccinate	
J9264	Paclitaxel Protein Bound	
J9266	Pegaspargase injection	
J9268	Pentostatin injection	
J9269	Injection, Tagraxofusp-erzs	
J9271	Injection, Pembrolizumab	
J9272	Injection dostarlimab-gxly (Jemperli)	
J9273	Injection, Tisotumab Vedotin-tftv	
J9274	Injection, Tebentafusp-tebn	
J9281	Mitomycin Pyelocalyceal Instillation	

J9285	Injection, Olaratumab	
J9286	Injection, glofitamab-gxbm, 2.5 mg	
J9294	Injection, Pemetrexed (Hospira)	
J9295	Injection, Necitumumab	
J9296	Injection, Pemetrexed (Accord)	
J9297	Injection, Pemetrexed (Sandoz)	
J9298	Injection, Nivolumab and Relatlimab-rmbw	
J9299	Injection, Nivolumab	
J9301	Obinutuzumab Injection	
J9302	Ofatumumab Injection	
J9303	Panitumumab Injection	
J9304	Injection, Pemetrexed (Pemfexy)	
J9305	Injection Pemetrexed nos	
J9306	Injection, Pertuzumab	
J9307	Pralatrexate Injection	
J9308	Injection, Ramucirumab	
J9309	Injection, Polatuzumab Vedotin	
J9311	Injection, Rituximab, Hyaluronidase	
J9312	Injection, Rituximab	
J9314	Injection, Pemetrexed (Teva)	
J9315	Romidepsin Injection	
J9316	Injection Pertuzumab Trastuzumab and Hyaluronidase-zzxf (Phesgo)	
J9317	Injection Sacituzumab Govitecan-hziy (Trodelvy)	
J9318	Injection, Romidepsin, Non-lyophilized	
J9319	Injection, Romidepsin, Lyophilized	
J9321	Injection, epcoritamab-bysp	
J9324	Injection, pemetrexed, 10 mg	
J9325	Injection, Talimogene Laherparepvec	
J9330	Temsirolimus Injection	
J9331	Injection, Sirolimus Protein-bound Particles	
J9332	Injection, efgartigimod alfa-fcab (Vyvgart)	
J9333	Injection, rozanolixizumab-noli	
J9348	Injection, Naxitamab-gqgk	
J9352	Injection Trabectedin	
J9354	Injection, Ado-Trastuzumab emt	
J9355	Injection Trastuzumab Excl Biosimi	
J9356	Injection. Herceptin Hylecta	
J9357	Valrubicin Injection	
J9358	Inj fam-trastu deru-nxki (Enhertu)	
J9359	Injection, loncastuximab Tesirine-lpyl	
J9376	Injection, pozelimab-bbfg, 1 mg	
J9395	Injection, Fulvestrant	
J9400	Injection, Ziv-aflibercept	

J9999	Chemotherapy NOC	
Q0138	Injection, Ferumoxytol (Non-ESRD use)	
Q0139	Injection, Ferumoxytol (ESRD on Dialysis)	
Q0222	Injection, Bebtelovimab	
Q0224	Injection, pemivibart, for the pre-exposure prophylaxis only, for certain adults and adolescents (12 years of age and older weighing at least 40 kg) with no known sars-cov-2 exposure, and who either have moderate-to-severe immune compromise due to a medical condition or receipt of immunosuppressive medications or treatments, and are unlikely to mount an adequate immune response to covid-19 vaccination, 4500 mg	
Q2041	Axicabtagene Ciloleucel	
Q2043	Sipuleucel-t auto cd54+	
Q2055	Idecabtagene Vicleucel	
Q2056	Ciltacabtagene autoleucel, up to 100 million autologous b-cell maturation antigen (bcma) directed car-positive t cells, including leukapheresis and dose preparation procedures, per therapeutic dose	
Q4074	Iloprost Non-comp Unit Dose	
Q4081	Epoetin Alfa (ESRD on Dialysis)	
Q5101	Injection, Filgrastim-sndz, Biosimilar, (Zarxio)	
Q5104	Injection, Infliximab-abda, biosimilar, (Renflexis)	
Q5105	Injection, Epoetin Alfa-epbx, Biosim	
Q5106	Injection, Epoetin Alfa-epbx, Biosimilar, (Retacrit) (Non-ESRD use)	
Q5108	Injection, Fulphila (Pegfilgrastim-jmdb)	
Q5110	Injection, Filgrastim-aafi, biosimilar,(Nivestym)	
Q5111	Injection, UDENYCA (Pegfilgrastim-cbqv)	
Q5112	Injection, Trastuzumab-dttb, Biosimilar, (Ontruzant)	
Q5113	Injection, Trastuzumab-pkrb, Biosimilar, (Herzuma)	
Q5114	Injection trastuzumab-dkst biosimilar (Ogivri)	
Q5115	Injection, Rituximab-abbs, Biosimilar, (Truxima)	
Q5116	Injection, Trastuzumab-qyyp, Biosimilar, (Trazimera)	
Q5117	Injection, Trastuzumab-anns, Biosimilar, (Kanjinti)	
Q5119	Injection, Rituximab-pvvr, Biosimilar, (Ruxience)	
Q5120	Injection, Pegfilgrastim-bmez	
Q5121	Infliximab-axxq, (Avsola)	
Q5122	Injection, NYVEPRIA (Pegfilgrastim-apgf)	
Q5123	Injection, Rituximab-arrx, Biosimilar, (Riabni)	
Q5124	Injection, Ranibizumab-nuna, Biosimilar, (Byooviz)	
Q5125	Injection, Filgrastim-ayow, Biosimilar, (Releuko)	

Q5127	Pegfilgrastim-fpgk (Stimufend)	
Q5128	Injection, Ranibizumab-eqrn (Cimerli), biosimilar	
Q5130	Pegfilgrastim-pbbk (Fylnetra)	
Q5131	Injection, adalimumab-aacf (idacio), biosimilar	
Q5132	Injection, adalimumab-afzb (abrilada), biosimilar	
Q5133	Injection, tocilizumab-bavi (tofidence), biosimilar, 1 mg	
Q5134	Injection, natalizumab-sztn (tyruko), biosimilar, 1 mg	
Q9991	BuprenorphXR	
Q9992	Buprenorphine XR	
S0189	TESTOPEL	
J1304	Injection, tofersen, 1 mg	
J1952	Leuprolide injectable, camcevi, 1 mg	
J2267	Injection, mirikizumab-mrkz, 1 mg	
J2504	Injection, pegademase bovine, 25 IU	
J3393	njection, betibeglogene autotemcel, per treatment	
J3394	Injection, lovotibeglogene autotemcel, per treatment	
J3472	Injection, hyaluronidase, ovine, preservative free, per 1,000 USP units	
J3473	Injection, hyaluronidase, recombinant, 1 USP unit	
J7213	Injection, coagulation factor IX (recombinant), Ixinity, 1 IU	
J7214	Injection, Factor VIII/von Willebrand factor complex, recombinant (Altuviiiio), per Factor VIII IU	
J7313	Injection, fluocinolone acetonide, intravitreal implant (Iluvien), 0.01 mg	
J7314	Injection, fluocinolone acetonide, intravitreal implant (Yutiq), 0.01 mg	
J7799	NOC drugs, other than inhalation drugs, administered through DME	
J9037	Injection, belantamab mafodotin-blmf, 0.5 mg	
J9050	Injection, carmustine, 100 mg	
J9051	Injection, bortezomib (MAIA), not therapeutically equivalent to J9041, 0.1 mg	
J9052	Injection, carmustine (Accord), not therapeutically equivalent to J9050, 100 mg	
J9056	Injection, bendamustine HCl (Vivimusta), 1 mg	
J9059	Injection, bendamustine HCl (Baxter), 1 mg	
J9063	Injection, mirvetuximab soravtansine-gynx, 1 mg	
J9202	Goserelin acetate implant, per 3.6 mg	
J9272	Injection, dostarlimab-gxly, 10 mg	
J9345	Injection, retifanlimab-dlwr, 1 mg	
J9347	Injection, tremelimumab-actl, 1 mg	
J9349	Injection, tafasitamab-cxix, 2 mg	
J9350	Injection, mosunetuzumab-axgb, 1 mg	
J9357	Injection, valrubicin, intravesical, 200 mg	
J9380	Injection, teclistamab-cqyv, 0.5 mg	
J9393	Injection, fulvestrant (Teva), not therapeutically equivalent to J9395, 25 mg	

J9394	Injection, fulvestrant (Fresenius Kabi) not therapeutically equivalent to J9395, 25 mg	
Q4101	Apligraf, per sq cm	
Q4012	Oasis wound matrix, per sq cm	
Q4103	Oasis burn matrix, per sq cm	
Q4104	Integra bilayer matrix wound dressing (BMWD), per sq cm	
Q4105	Integra dermal regeneration template (DRT) or Integra Omnigraft dermal regeneration matrix, per sq cm	
Q4106	Dermagraft, per sq cm	
Q4107	GRAFTJACKET, per sq cm	
Q4108	Integra matrix, per sq cm	
Q4110	PriMatrix, per sq cm	
Q4111	GammaGraft, per sq cm	
Q4112	Cymetra, injectable, 1 cc	
Q4113	GRAFTJACKET XPRESS, injectable, 1 cc	
Q4114	Integra flowable wound matrix, injectable, 1 cc	
Q4115	AlloSkin, per sq cm	
Q4116	AlloDerm, per sq cm	
Q4117	HYALOMATRIX, per sq cm	
Q4118	MatriStem micromatrix, 1 mg	
Q4121	TheraSkin, per sq cm	
Q4122	DermACELL, DermACELL AWM or DermACELL AWM Porous, per sq cm	
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, 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 sq cm	
Q4135	Mediskin, per sq cm	
Q4136	EZ Derm, per sq cm	
Q4137	AmnioExcel, AmnioExcel Plus or BioDExcel, per sq cm	
Q4138	BioDFence DryFlex, per sq cm	
Q4139	AmnioMatrix or BioDMatrix, injectable, 1 cc	
Q4140	BioDFence, per sq cm	
Q4141	AlloSkin AC, per sq cm	
Q4142	XCM biologic tissue matrix, per sq cm	
Q4143	Repriza, per sq cm	
Q4145	EpiFix, injectable, 1 mg	

Q4146	TENSIX, per sq cm	
Q4147	Architect, Architect PX, or Architect FX, extracellular matrix, per sq cm	
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 sq cm	
Q4151	AmnioBand or Guardian, per sq cm	
Q4152	DermaPure, per sq cm	
Q4153	Dermavest and Plurivest, per sq cm	
Q4154	Biovance, per sq cm	
Q4155	Neox Flo or Clarix Flo 1 mg	
Q4156	Neox 100 or Clarix 100, per sq cm	
Q4157	Revitalon, per sq cm	
Q4158	Kerecis Omega3, per sq cm	
Q4159	Affinity, per sq cm	
Q4160	NuShield, per sq cm	
Q4161	bio-ConneKt wound matrix, per sq cm	
Q4162	WoundEx Flow, BioSkin Flow, 0.5 cc	
Q4163	WoundEx, BioSkin, per sq cm	
Q4164	Helicoll, per sq cm	
Q4165	Keramatrix or Kerasorb, per sq cm	
Q4166	Cytal, per sq cm	
Q4167	Truskin, per sq cm	
Q4168	AmnioBand, 1 mg	
Q4169	Artacent wound, per sq cm	
Q4170	Cygnus, per sq cm	
Q4171	Interfyl, 1 mg	
Q4173	PalinGen or PalinGen XPlus, per sq cm	
Q4174	PalinGen or ProMatrX, 0.36 mg per 0.25 cc	
Q4175	Miroderm, per sq cm	
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	
Q4182	TransCyte, per sq cm	
Q4183	surgiGRAFT, per sq cm	
Q4184	Cellesta or Cellesta Duo, 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 sq cm	
Q4200	SkinTE, per sq cm	
Q4201	Matrion, per sq cm	
Q4202	Keroxx (2.5 g/cc), 1 cc	
Q4203	Derma-Gide, per sq cm	
Q4204	XWRAP, per sq cm	
Q4205	Membrane Graft or Membrane Wrap, per sq cm	
Q4206	Fluid Flow or Fluid GF, 1 cc	
Q4208	Novafix, per sq cm	
Q4209	SurGraft, per sq cm	
Q4210	Axolotl Graft or Axolotl DualGraft, per sq cm	
Q4211	Amnion Bio or AxoBioMembrane, per sq cm	
Q4212	AlloGen, per cc	
Q4213	Ascent, 0.5 mg	
Q4214	Cellesta Cord, per sq cm	
Q4215	Axolotl Ambient or Axolotl Cryo, 0.1 mg	
Q4216	Artacent Cord, per sq cm	
Q4217	WoundFix, BioWound, WoundFix Plus, BioWound Plus, WoundFix Xplus or BioWound Xplus, per sq cm	
Q4218	SurgiCORD, per sq cm	
Q4219	SurgiGRAFT-DUAL, per sq cm	
Q4220	BellaCell HD or SureDerm, per sq cm	
Q4221	Amnio Wrap2, per sq cm	
Q4222	ProgenaMatrix, per sq cm	
Q4224	Human Health Factor 10 Amniotic Patch (HHF10-P), per sq cm	
Q4225	AmnioBind or DermaBind TL, per sq cm	
Q4226	MyOwn Skin, includes harvesting and preparation procedures, per sq cm	
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	
Q4237	Cryo-Cord, per sq cm	
Q4238	Derm-Maxx, per sq cm	
Q4238	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	AMNIPLY, for topical use only, per sq cm	
Q4250	AmnioAmp-MP, per sq cm	
Q4251	Vim, per sq cm	
Q4252	Vendaje, per sq cm	
Q4253	Zenith Amniotic Membrane, per sq cm	
Q4254	Novafix DL, per sq cm	
Q4255	REGUaRD, for topical use only, per sq cm	
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 sq cm	
Q4260	Signature APatch, per sq cm	
Q4261	TAG, per sq cm	
	Radiation Therapy	
Code	Description	
61796	Stereotactic radiosurgery (particle beam, gamma ray, or linear accelerator); 1 simple cranial lesion	
61797	Stereotactic radiosurgery (particle beam, gamma ray, or linear accelerator); each additional cranial lesion, simple	
61798	Stereotactic radiosurgery (particle beam, gamma ray, or linear accelerator); 1 complex cranial lesion	
61799	Stereotactic radiosurgery (particle beam, gamma ray, or linear accelerator); each additional cranial lesion, complex	

63620	Stereotactic radiosurgery (particle beam, gamma ray, or linear accelerator); 1 spinal lesion	
63621	Stereotactic radiosurgery (particle beam, gamma ray, or linear accelerator); each additional spinal lesion	
G6015	Intensity modulated treatment delivery, single or multiple fields/arcs, via narrow spatially and temporally modulated beams, binary, dynamic MLC, per treatment session	
G6017	Infra-fraction localization and tracking of target or patient motion during delivery of radiation therapy (e.g., 3D positional tracking, gating, 3D surface tracking), each fraction of treatment	
77301	Intensity modulated radiotherapy plan, including dose-volume histograms for target and critical structure partial tolerance specifications	
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 plan	
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	
77520	Proton treatment delivery; simple, without compensation	
77522	Proton treatment delivery; simple, with compensation	
77523	Proton treatment delivery; complex	
77525	Proton treatment delivery; complex	
77761	Intracavitary radiation source application; simple	
77762	Intracavitary radiation source application; intermediate	
77763	Intracavitary radiation source application; complex	

77767	Remote afterloading high dose rate radionuclide skin surface brachytherapy, includes basic dosimetry, when performed; lesion diameter up to 2.0 cm or 1 channel	
77768	Remote afterloading high dose rate radionuclide skin surface brachytherapy, includes basic dosimetry, when performed; lesion diameter over 2.0 cm and 2 or more channels, or multiple lesions	
77770	Remote afterloading high dose radionuclide interstitial or intracavitary brachytherapy, includes basic dosimetry, when performed; 1 channel	
77771	Remote afterloading high dose radionuclide interstitial or intracavitary brachytherapy, includes basic dosimetry, when performed; 2-12 channels	
77772	Remote afterloading high dose radionuclide interstitial or intracavitary brachytherapy, includes basic dosimetry, when performed; over 12 channels	
77778	Interstitial radiation source application, complex, includes supervision, handling, loading of radiation source, when performed	
77799	Unlisted procedure, clinical brachytherapy	
32701	Thoracic target(s) delineation for stereotactic body radiation therapy (SRS/SBRT), (photon or particle beam), entire course of treatment	
32998	Ablation therapy for reduction or eradication of one or more pulmonary tumor(s) including pleura or chest wall when involved by tumor extension, percutaneous, radiofrequency, unilateral	
92974	Transcatheter placement of radiation delivery device for subsequent coronary intravascular brachytherapy (List separately in addition to code for primary procedure)	
0394T	High dose rate electronic brachytherapy, skin surface application, per fraction, includes basic dosimetry, when performed	
0395T	High dose rate electronic brachytherapy, interstitial or intracavitary treatment, per fraction, includes basic dosimetry, when performed	
Urology		
Code	Description	
51715	Endoscopic injection of implant material into the submucosal tissues of the urethra and/or bladder neck	
52601	Transurethral electrosurgical resection of prostate, including control of postoperative bleeding, complete (vasectomy, meatotomy, cystourethroscopy, urethral calibration and/or dilation, and internal urethrotomy are included)	
52648	Laser vaporization of prostate, including control of postoperative bleeding, complete (vasectomy, meatotomy, cystourethroscopy, urethral calibration and/or dilation, internal urethrotomy and transurethral resection of prostate are included if performed)	

53440	Sling operation for correction of male urinary incontinence (eg, fascia or synthetic)	
53445	Insertion of inflatable urethral/bladder neck sphincter, including placement of pump, reservoir, and cuff	
53850	Transurethral destruction of prostate tissue; by microwave thermotherapy	
53852	Transurethral destruction of prostate tissue by radiofrequency thermotherapy	
53899	Unlisted procedure, urinary system	
55860	Exposure of prostate, any approach, for insertion of radioactive substance;	
55862	Exposure of prostate, any approach, for insertion of radioactive substance; with lymph node biopsy(s) (limited pelvic lymphadenectomy)	
55865	Exposure of prostate, any approach, for insertion of radioactive substance; with bilateral pelvic lymphadenectomy, including external iliac, hypogastric and obturator nodes	
55875	Transperineal placement of needles or catheters into prostate for interstitial radioelement application, with or without cystoscopy	
55899	Unlisted procedure, male genital system	
57155	Insertion of uterine tandem and/or vaginal ovoids for clinical brachytherapy	
57156	Insertion of a vaginal radiation afterloading apparatus for clinical brachytherapy	
58578	Unlisted laparoscopy procedure, uterus	
58674	Laparoscopy, surgical, ablation of uterine fibroid(s) including intraoperative ultrasound guidance and monitoring, radiofrequency	
Additions - Effective 07/15/2025		
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 vertebral segment (List separately in addition to code for primary procedure)	
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 (e.g., fluoroscopic, CT), single or multiple levels, unilateral or bilateral; lumbar	

0656T	Anterior lumbar or thoracolumbar vertebral body tethering; up to 7 vertebral segments	
20999	Unlisted procedure, musculoskeletal system, general	
22515	Percutaneous vertebral augmentation, including cavity creation (fracture reduction and bone biopsy included when performed) using mechanical device (e.g., 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	
22548	Arthrodesis, anterior transoral or extraoral technique, clivus-C1-C2 (atlas-axis), with or without excision of odontoid process	
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)	
22610	Arthrodesis, posterior or posterolateral technique, single interspace; thoracic (with lateral transverse technique, when performed)	
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, circumferential exposure of spine and resection of vertebral segment(s) (including body and posterior elements); single or 2 segments	
22819	Kyphectomy, circumferential exposure of spine and resection of vertebral segment(s) (including body and posterior elements); 3 or more segments	

22840	Posterior non-segmental instrumentation (e.g., Harrington rod technique, pedicle fixation across 1 interspace, atlantoaxial transarticular screw fixation, sublamina 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 (e.g., pedicle fixation, dual rods with multiple hooks and sublamina wires); 3 to 6 vertebral segments (List separately in addition to code for primary procedure)	
22843	Posterior segmental instrumentation (e.g., pedicle fixation, dual rods with multiple hooks and sublamina wires); 7 to 12 vertebral segments (List separately in addition to code for primary procedure)	
22844	Posterior segmental instrumentation (e.g., pedicle fixation, dual rods with multiple hooks and sublamina 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 of spinal fixation device	
22853	Insertion of interbody biomechanical device(s) (e.g., synthetic cage, mesh) with integral anterior instrumentation for device anchoring (e.g., 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) (e.g., synthetic cage, mesh) with integral anterior instrumentation for device anchoring (e.g., 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)	
22857	Total disc arthroplasty (artificial disc), anterior approach, including discectomy to prepare interspace (other than for decompression); single interspace, lumbar	
22859	Insertion of intervertebral biomechanical device(s) (e.g., synthetic cage, mesh, methylmethacrylate) to intervertebral disc space or vertebral body defect without interbody arthrodesis, each contiguous defect (List separately in addition to code for primary procedure)	

22862	Revision including replacement 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)	
22899	Unlisted procedure, spine	
27279	Arthrodesis, sacroiliac joint, percutaneous or minimally invasive (indirect visualization), with image guidance, includes obtaining bone graft when performed, and placement of transfixation device	
27280	Arthrodesis, sacroiliac joint, open, includes obtaining bone graft, including instrumentation, when performed	
63050	Laminoplasty, cervical, with decompression of the spinal cord, 2 or more vertebral segments;	
63051	Laminoplasty, cervical, with decompression of the spinal cord, 2 or more vertebral segments; with reconstruction of the posterior bony elements (including the application of bridging bone graft and non-segmental fixation devices [e.g., wire, suture, mini- plates], when performed)	
63052	Laminectomy, facetectomy, or foraminotomy (unilateral or bilateral with decompression of spinal cord, cauda equina and/or nerve root[s] [e.g., spinal or lateral recess stenosis]), during posterior interbody arthrodesis, lumbar; single vertebral segment (List separately in addition to code for primary procedure)	
63053	Laminectomy, facetectomy, or foraminotomy (unilateral or bilateral with decompression of spinal cord, cauda equina and/or nerve root[s] [e.g., spinal or lateral recess stenosis]), during posterior interbody arthrodesis, lumbar; each additional vertebral segment (List separately in addition to code for primary procedure)	
63170	Laminectomy with myelotomy (e.g., Bischof or DREZ type), cervical, thoracic, or thoracolumbar	

63173	Laminectomy with drainage of intramedullary cyst/syrinx; to peritoneal or pleural space	
63185	Laminectomy with rhizotomy; 1 or 2 segments	
63190	Laminectomy with rhizotomy; more than 2 segments	
63191	Laminectomy with section of spinal accessory nerve	
63197	Laminectomy with cordotomy, with section of both spinothalamic tracts, 1 stage, thoracic	
63200	Laminectomy, with release of tethered spinal cord, lumbar	
63280	Laminectomy for biopsy/excision of intraspinal neoplasm; intradural, extramedullary, cervical	
63281	Laminectomy for biopsy/excision of intraspinal neoplasm; intradural, extramedullary, thoracic	
63282	Laminectomy for biopsy/excision of intraspinal neoplasm; intradural, extramedullary, lumbar	
63283	Laminectomy for biopsy/excision of intraspinal neoplasm; intradural, sacral	
63285	Laminectomy for biopsy/excision of intraspinal neoplasm; intradural, intramedullary, cervical	
63286	Laminectomy for biopsy/excision of intraspinal neoplasm; intradural, intramedullary, thoracic	
63287	Laminectomy for biopsy/excision of intraspinal neoplasm; intradural, intramedullary, thoracolumbar	
63290	Laminectomy for biopsy/excision of intraspinal neoplasm; combined extradural-intradural lesion, any level	
63295	Osteoplastic reconstruction of dorsal spinal elements, following primary intraspinal procedure (List separately in addition to code for primary procedure)	
63300	Vertebral corpectomy (vertebral body resection), partial or complete, for excision of intraspinal lesion, single segment; extradural, cervical	
63301	Vertebral corpectomy (vertebral body resection), partial or complete, for excision of intraspinal lesion, single segment; extradural, thoracic by transthoracic approach	
63302	Vertebral corpectomy (vertebral body resection), partial or complete, for excision of intraspinal lesion, single segment; extradural, thoracic by thoracolumbar approach	
63303	Vertebral corpectomy (vertebral body resection), partial or complete, for excision of intraspinal lesion, single segment; extradural, lumbar or sacral by transperitoneal or retroperitoneal approach	
63304	Vertebral corpectomy (vertebral body resection), partial or complete, for excision of intraspinal lesion, single segment; intradural, cervical	
63305	Vertebral corpectomy (vertebral body resection), partial or complete, for excision of intraspinal lesion, single segment; intradural, thoracic by transthoracic approach	
63306	Vertebral corpectomy (vertebral body resection), partial or complete, for excision of intraspinal lesion, single segment; intradural, thoracic by thoracolumbar approach	

63307	Vertebral corpectomy (vertebral body resection), partial or complete, for excision of intraspinal lesion, single segment; intradural, lumbar or sacral by transperitoneal or retroperitoneal approach	
63308	Vertebral corpectomy (vertebral body resection), partial or complete, for excision of intraspinal lesion, single segment; each additional segment (List separately in addition to codes for single segment)	
64628	Thermal destruction of intraosseous basivertebral nerve, including all imaging guidance; first 2 vertebral bodies, lumbar or sacra	
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)	
C9757	Laminotomy (hemilaminectomy), with decompression of nerve root(s), including partial facetectomy, foraminotomy and excision of herniated intervertebral disc, and repair of annular defect with implantation of bone anchored annular closure device, including annular defect measurement, alignment and sizing assessment, and image guidance; 1 interspace, lumbar	
73206	Computed tomographic angiography, upper extremity, with contrast material(s), including noncontrast images, if performed, and image postprocessing	
73706	Computed tomographic angiography, lower extremity, with contrast material(s), including noncontrast images, if performed, and image postprocessing	
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	
74185	Magnetic resonance angiography, abdomen, with or without contrast material(s)	
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)	
75635	Computed tomographic angiography, abdominal aorta and bilateral iliofemoral lower extremity runoff, with contrast material(s), including noncontrast images, if performed, and image postprocessing	
78226	Hepatobiliary system imaging, including gallbladder when present;	
78227	Hepatobiliary system imaging, including gallbladder when present; with pharmacologic intervention, including quantitative measurement(s) when performed	
78264	Gastric emptying imaging study (e.g., solid, liquid, or both);	

78265	Gastric emptying imaging study (e.g., solid, liquid, or both); with small bowel transit	
78266	Gastric emptying imaging study (e.g., solid, liquid, or both); with small bowel and colon transit, multiple days	
78300	Bone and/or joint imaging; limited area	
78305	Bone and/or joint imaging; multiple areas	
78306	Bone and/or joint imaging; whole body	
78315	Bone and/or joint imaging; 3 phase study	
78660	Radiopharmaceutical dacryocystography	
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	
C9727	Insertion of implants into the soft palate; minimum of three implants	
81105	Human Platelet Antigen 1 genotyping (HPA-1), ITGB3 (integrin, beta 3 [platelet glycoprotein IIIa], antigen CD61 [GPIIIa]) (e.g., neonatal alloimmune thrombocytopenia [NAIT], post-transfusion purpura), gene analysis, common variant, HPA-1a/b (L33P)	
81106	Human Platelet Antigen 2 genotyping (HPA-2), GP1BA (glycoprotein Ib [platelet], alpha polypeptide [GPIba]) (e.g., neonatal alloimmune thrombocytopenia [NAIT], post-transfusion purpura), gene analysis, common variant, HPA-2a/b (T145M)	
81107	Human Platelet Antigen 3 genotyping (HPA-3), ITGA2B (integrin, alpha 2b [platelet glycoprotein IIb of IIb/IIIa complex], antigen CD41 [GPIIb]) (e.g., neonatal alloimmune thrombocytopenia [NAIT], post-transfusion purpura), gene analysis, common variant, HPA-3a/b (I843S)	
81108	Human Platelet Antigen 4 genotyping (HPA-4), ITGB3 (integrin, beta 3 [platelet glycoprotein IIIa], antigen CD61 [GPIIIa]) (e.g., neonatal alloimmune thrombocytopenia [NAIT], post-transfusion purpura), gene analysis, common variant, HPA-4a/b (R143Q)	
81109	Human Platelet Antigen 5 genotyping (HPA-5), ITGA2 (integrin, alpha 2 [CD49B, alpha 2 subunit of VLA-2 receptor] [GPIa]) (e.g., neonatal alloimmune thrombocytopenia [NAIT], post-transfusion purpura), gene analysis, common variant (e.g., HPA-5a/b (K505E))	
81110	Human Platelet Antigen 6 genotyping (HPA-6w), ITGB3 (integrin, beta 3 [platelet glycoprotein IIIa, antigen CD61] [GPIIIa]) (e.g., neonatal alloimmune thrombocytopenia [NAIT], post-transfusion purpura), gene analysis, common variant, HPA-6a/b (R489Q)	
81111	Human Platelet Antigen 9 genotyping (HPA-9w), ITGA2B (integrin, alpha 2b [platelet glycoprotein IIb of IIb/IIIa complex, antigen CD41] [GPIIb]) (e.g., neonatal alloimmune thrombocytopenia [NAIT], post-transfusion purpura), gene analysis, common variant, HPA-9a/b (V837M)	

81112	Human Platelet Antigen 15 genotyping (HPA-15), CD109 (CD109 molecule) (e.g., neonatal alloimmune thrombocytopenia [NAIT], post-transfusion purpura), gene analysis, common variant, HPA-15a/b (S682Y)	
81120	IDH1 (isocitrate dehydrogenase 1 [NADP+], soluble) (e.g., glioma), common variants (e.g., R132H, R132C)	
81121	IDH2 (isocitrate dehydrogenase 2 [NADP+], mitochondrial) (e.g., glioma), common variants (e.g., R140W, R172M)	
81161	DMD (dystrophin) (e.g., Duchenne/Becker muscular dystrophy) deletion analysis, and duplication analysis, if performed	
81168	CCND1/IGH (t(11;14)) (e.g., mantle cell lymphoma) translocation analysis, major breakpoint, qualitative and quantitative, if performed	
81175	ASXL1 (additional sex combs like 1, transcriptional regulator) (e.g., myelodysplastic syndrome, myeloproliferative neoplasms, chronic myelomonocytic leukemia), gene analysis; full gene sequence	
81176	ASXL1 (additional sex combs like 1, transcriptional regulator) (e.g., myelodysplastic syndrome, myeloproliferative neoplasms, chronic myelomonocytic leukemia), gene analysis; targeted sequence analysis (e.g., exon 12)	
81191	NTRK1 (neurotrophic receptor tyrosine kinase 1) (e.g., solid tumors) translocation analysis	
81192	NTRK2 (neurotrophic receptor tyrosine kinase 2) (e.g., solid tumors) translocation analysis	
81193	NTRK3 (neurotrophic receptor tyrosine kinase 3) (e.g., solid tumors) translocation analysis	
81194	NTRK (neurotrophic receptor tyrosine kinase 1, 2, and 3) (e.g., solid tumors) translocation analysis	
81209	BLM (Bloom syndrome, RecQ helicase-like) (e.g., Bloom syndrome) gene analysis, 2281del6ins7 variant	
81218	CEBPA (CCAAT/enhancer binding protein [C/EBP], alpha) (e.g., acute myeloid leukemia), gene analysis, full gene sequence	
81220	CFTR (cystic fibrosis transmembrane conductance regulator) (e.g., cystic fibrosis) gene analysis; common variants (e.g., ACMG/ACOG guidelines)	
81221	CFTR (cystic fibrosis transmembrane conductance regulator) (e.g., cystic fibrosis) gene analysis; known familial variants	
81222	CFTR (cystic fibrosis transmembrane conductance regulator) (e.g., cystic fibrosis) gene analysis; duplication/deletion variants	
81223	CFTR (cystic fibrosis transmembrane conductance regulator) (e.g., cystic fibrosis) gene analysis; full gene sequence	
81224	CFTR (cystic fibrosis transmembrane conductance regulator) (e.g., cystic fibrosis) gene analysis; intron 8 poly-T analysis (e.g., male infertility)	
81226	CYP2D6 (cytochrome P450, family 2, subfamily D, polypeptide 6) (e.g., drug metabolism), gene analysis, common variants (e.g., *2, *3, *4, *5, *6, *9, *10, *17, *19, *29, *35, *41, *1XN, *2XN, *4XN)	

81230	CYP3A4 (cytochrome P450 family 3 subfamily A member 4) (e.g., drug metabolism), gene analysis, common variant(s) (e.g., *2, *22)	
81231	CYP3A5 (cytochrome P450 family 3 subfamily A member 5) (e.g., drug metabolism), gene analysis, common variants (e.g., *2, *3, *4, *5, *6, *7)	
81232	DPYD (dihydropyrimidine dehydrogenase) (e.g., 5-fluorouracil/5-FU and capecitabine drug metabolism), gene analysis, common variant(s) (e.g., *2A, *4, *5, *6)	
81240	F2 (prothrombin, coagulation factor II) (e.g., hereditary hypercoagulability) gene analysis, 20210G>A variant	
81242	FANCC (Fanconi anemia, complementation group C) (e.g., Fanconi anemia, type C) gene analysis, common variant (e.g., IVS4+4A>T)	
81247	G6PD (glucose-6-phosphate dehydrogenase) (e.g., hemolytic anemia, jaundice), gene analysis; common variant(s) (e.g., A, A-)	
81248	G6PD (glucose-6-phosphate dehydrogenase) (e.g., hemolytic anemia, jaundice), gene analysis; known familial variant(s)	
81249	G6PD (glucose-6-phosphate dehydrogenase) (e.g., hemolytic anemia, jaundice), gene analysis; full gene sequence	
81251	GBA (glucosidase, beta, acid) (e.g., Gaucher disease) gene analysis, common variants (e.g., N370S, 84GG, L444P, IVS2+1G>A)	
81252	GJB2 (gap junction protein, beta 2, 26kDa, connexin 26) (e.g., nonsyndromic hearing loss) gene analysis; full gene sequence	
81253	GJB2 (gap junction protein, beta 2, 26kDa, connexin 26) (e.g., nonsyndromic hearing loss) gene analysis; known familial variants	
81255	HEXA (hexosaminidase A [alpha polypeptide]) (e.g., Tay-Sachs disease) gene analysis, common variants (e.g., 1278insTATC, 1421+1G>C, G269S)	
81258	HBA1/HBA2 (alpha globin 1 and alpha globin 2) (e.g., alpha thalassemia, Hb Bart hydrops fetalis syndrome, HbH disease), gene analysis; known familial variant	
81259	HBA1/HBA2 (alpha globin 1 and alpha globin 2) (e.g., alpha thalassemia, Hb Bart hydrops fetalis syndrome, HbH disease), gene analysis; full gene sequence	
81265	Comparative analysis using Short Tandem Repeat (STR) markers; patient and comparative specimen (e.g., pre-transplant recipient and donor germline testing, post-transplant non-hematopoietic recipient germline [e.g., 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 (e.g., 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) (e.g., alpha thalassemia, Hb Bart hydrops fetalis syndrome, HbH disease), gene analysis; duplication/deletion variants	
81278	IGH@/BCL2 (t(14;18)) (e.g., follicular lymphoma) translocation analysis, major breakpoint region (MBR) and minor cluster region (mcr) breakpoints, qualitative	

	or quantitative	
81279	JAK2 (Janus kinase 2) (e.g., myeloproliferative disorder) targeted sequence analysis (e.g., exons 12 and 13)	
81283	IFNL3 (interferon, lambda 3) (e.g., drug response), gene analysis, rs12979860 variant	
81287	MGMT (O-6-methylguanine-DNA methyltransferase) (e.g., glioblastoma multiforme) promoter methylation analysis	
81291	MTHFR (5,10-methylenetetrahydrofolate reductase) (e.g., hereditary hypercoagulability) gene analysis, common variants (e.g., 677T, 1298C)	
81294	MLH1 (mutL homolog 1, colon cancer, nonpolyposis type 2) (e.g., hereditary non- polyposis colorectal cancer, Lynch syndrome) gene analysis; duplication/deletion variants	
81297	MSH2 (mutS homolog 2, colon cancer, nonpolyposis type 1) (e.g., hereditary non- polyposis colorectal cancer, Lynch syndrome) gene analysis; duplication/deletion variants	
81300	MSH6 (mutS homolog 6 [E. coli]) (e.g., hereditary non-polyposis colorectal cancer, Lynch syndrome) gene analysis; duplication/deletion variants	
81310	NPM1 (nucleophosmin) (e.g., acute myeloid leukemia) gene analysis, exon 12 variants	
81311	NRAS (neuroblastoma RAS viral [v-ras] oncogene homolog) (e.g., colorectal carcinoma), gene analysis, variants in exon 2 (e.g., codons 12 and 13) and exon 3 (e.g., codon 61)	
81319	PMS2 (postmeiotic segregation increased 2 [S. cerevisiae]) (e.g., hereditary non-polyposis colorectal cancer, Lynch syndrome) gene analysis; duplication/deletion variants	
81328	SLCO1B1 (solute carrier organic anion transporter family, member 1B1) (e.g., adverse drug reaction), gene analysis, common variant(s) (e.g., *5)	
81329	SMN1 (survival of motor neuron 1, telomeric) (e.g., spinal muscular atrophy) gene analysis; dosage/deletion analysis (e.g., carrier testing), includes SMN2 (survival of motor neuron 2, centromeric) analysis, if performed	
81334	RUNX1 (runt related transcription factor 1) (e.g., acute myeloid leukemia, familial platelet disorder with associated myeloid malignancy), gene analysis, targeted sequence analysis (e.g., exons 3-8)	
81335	TPMT (thiopurine S-methyltransferase) (e.g., drug metabolism), gene analysis, common variants (e.g., *2, *3)	
81338	MPL (MPL proto-oncogene, thrombopoietin receptor) (e.g., myeloproliferative disorder) gene analysis; common variants (e.g., W515A, W515K, W515L, W515R)	
81339	MPL (MPL proto-oncogene, thrombopoietin receptor) (e.g., myeloproliferative disorder) gene analysis; sequence analysis, exon 10	
81346	TYMS (thymidylate synthetase) (e.g., 5-fluorouracil/5-FU drug metabolism), gene analysis, common variant(s) (e.g., tandem repeat variant)	

81347	SF3B1 (splicing factor [3b] subunit B1) (e.g., myelodysplastic syndrome/acute myeloid leukemia) gene analysis, common variants (e.g., A672T, E622D, L833F, R625C, R625L)	
81348	SRSF2 (serine and arginine-rich splicing factor 2) (e.g., myelodysplastic syndrome, acute myeloid leukemia) gene analysis, common variants (e.g., 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	
81351	TP53 (tumor protein 53) (e.g., Li-Fraumeni syndrome) gene analysis; full gene sequence	
81352	TP53 (tumor protein 53) (e.g., Li-Fraumeni syndrome) gene analysis; targeted sequence analysis (e.g., 4 oncology)	
81353	TP53 (tumor protein 53) (e.g., Li-Fraumeni syndrome) gene analysis; known familial variant	
81360	ZRSR2 (zinc finger CCCH-type, RNA binding motif and serine/arginine-rich 2) (e.g., myelodysplastic syndrome, acute myeloid leukemia) gene analysis, common variant(s) (e.g., E65fs, E122fs, R448fs)	
81361	HBB (hemoglobin, subunit beta) (e.g., sickle cell anemia, beta thalassemia, hemoglobinopathy); common variant(s) (e.g., HbS, HbC, HbE)	
81362	HBB (hemoglobin, subunit beta) (e.g., sickle cell anemia, beta thalassemia, hemoglobinopathy); known familial variant(s)	
81363	HBB (hemoglobin, subunit beta) (e.g., sickle cell anemia, beta thalassemia, hemoglobinopathy); duplication/deletion variant(s)	
81364	HBB (hemoglobin, subunit beta) (e.g., sickle cell anemia, beta thalassemia, hemoglobinopathy); full gene sequence	
81374	HLA Class I typing, low resolution (e.g., antigen equivalents); one antigen equivalent (e.g., B*27), each	
81376	HLA Class II typing, low resolution (e.g., antigen equivalents); one locus (e.g., HLA- DRB1, -DRB3/4/5, -DQB1, -DQA1, -DPB1, or -DPA1), each	
81400	Molecular pathology procedure, Level 1 (e.g., identification of single germline variant [e.g., SNP] by techniques such as restriction enzyme digestion or melt curve analysis)	
81418	Drug metabolism (e.g., 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	
81422	Hearing loss (e.g., 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	

81430	Hearing loss (e.g., 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	
81431	Hearing loss (e.g., 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	
81434	Hereditary retinal disorders (e.g., 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	
81440	Nuclear encoded mitochondrial genes (e.g., 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) (e.g., 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	
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 (e.g., Charcot-Marie-Tooth, spastic paraplegia), genomic sequence analysis panel, must include sequencing of at least 5 peripheral neuropathy-related genes (e.g., 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	
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	
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 instability, tumor mutation burden, and rearrangements	
81462	Solid organ neoplasm, genomic sequence analysis panel, cell-free nucleic acid (e.g., 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 (e.g., 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 (e.g., plasma), interrogation for sequence variants; DNA analysis or combined DNA and RNA analysis, copy number variants, microsatellite instability, tumor mutation burden, and rearrangements	
81470	X-linked intellectual disability (XLID) (e.g., 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) (e.g., 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	
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	
81500	Oncology (ovarian), biochemical assays of two proteins (CA-125 and HE4), utilizing serum, with menopausal status, 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	
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	

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	
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	
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	
81536	Oncology (gynecologic), live tumor cell culture and chemotherapeutic response by DAPI stain and morphology, predictive algorithm reported as a drug response score; each additional single drug or drug combination (List separately in addition to code for primary procedure)	
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	
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	
81554	Pulmonary disease (idiopathic pulmonary fibrosis [IPF]), mRNA, gene expression analysis of 190 genes, utilizing transbronchial biopsies, diagnostic algorithm reported as categorical result (e.g., positive or negative for high probability of usual interstitial pneumonia [UIP])	
81599	Unlisted multianalyte assay with algorithmic analysis	
83006	Growth stimulation expressed gene 2 (ST2, Interleukin 1 receptor like-1)	
83080	b-Hexosaminidase, each assay	
83951	Oncoprotein; des-gamma-carboxy-prothrombin (DCP)	
84433	Thiopurine S-methyltransferase (TPMT)	
0004M	Scoliosis, DNA analysis of 53 single nucleotide polymorphisms (SNPs), using saliva, prognostic algorithm reported as a 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	
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 recurrent urothelial carcinoma	
0013M	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)	
0016M	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	
0017M	Oncology (prostate) gene expression profile by real-time RT-PCR of 3 genes (ERG, PCA3, and SPDEF), urine, algorithm reported as risk score	
0005U	Oncology (breast cancer), ERBB2 (HER2) copy number by FISH, tumor cells from formalin fixed paraffin embedded tissue isolated using image-based dielectrophoresis (DEP) sorting, reported as ERBB2 gene amplified or non-amplified	
0009U	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	
0017U	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	
0018U	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	
0019U	Oncology (prostate), detection of 8 autoantibodies (ARF 6, NKX3-1, 5'-UTR-BMI1, CEP 164, 3'-UTR-Ropporin, Desmocollin, AURKAIP-1, CSNK2A2), multiplexed immunoassay and flow cytometry serum, algorithm reported as risk score	
0021U	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	
0022U	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")	

0026U	Drug metabolism (adverse drug reactions and drug response), targeted sequence analysis (ie, CYP1A2, CYP2C19, CYP2C9, CYP2D6, CYP3A4, CYP3A5, CYP4F2, SLCO1B1, VKORC1 and rs12777823)	
0029U	Drug metabolism (warfarin drug response), targeted sequence analysis (ie, CYP2C9, CYP4F2, VKORC1, rs12777823)	
0030U	CYP1A2 (cytochrome P450 family 1, subfamily A, member 2)(e.g., drug metabolism) gene analysis, common variants (ie, *1F, *1K, *6, *7)	
0031U	COMT (catechol-O-methyltransferase)(drug metabolism) gene analysis, c.472G>A (rs4680) variant	
0032U	HTR2A (5-hydroxytryptamine receptor 2A), HTR2C (5-hydroxytryptamine receptor 2C) (e.g., citalopram metabolism) gene analysis, common variants (ie, HTR2A rs7997012 [c.614-2211T>C], HTR2C rs3813929 [c.-759C>T] and rs1414334 [c.551-3008C>G])	
0033U	Exome (ie, somatic mutations), paired formalin-fixed paraffin-embedded tumor tissue and normal specimen, sequence analyses	
0036U	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	
0037U	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	
0045U	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	
0047U	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)	
0048U	NPM1 (nucleophosmin) (e.g., acute myeloid leukemia) gene analysis, quantitative	
0049U	Targeted genomic sequence analysis panel, acute myelogenous leukemia, DNA analysis, 194 genes, interrogation for sequence variants, copy number variants or rearrangements	
0050U	Cardiology (heart transplant), cell-free DNA, PCR assay of 96 DNA target sequences (94 single nucleotide polymorphism targets and two control targets), plasma	
0055U	Twin zygosity, genomic targeted sequence analysis of chromosome 2, using circulating cell-free fetal DNA in maternal blood	
0060U	Oncology (breast), immunohistochemistry, protein expression profiling of 4 biomarkers (matrix metalloproteinase-1 [MMP-1], carcinoembryonic antigen-related cell adhesion molecule 6 [CEACAM6], hyaluronoglucosaminidase [HYAL1], highly expressed in cancer protein [HEC1]), formalin-fixed paraffin-	

	embedded precancerous breast tissue, algorithm reported as carcinoma risk score	
0067U	Oncology (colorectal), microRNA, RT-PCR expression profiling of miR-31-3p, formalin- fixed paraffin-embedded tissue, algorithm reported as an expression score	
0069U	CYP2D6 (cytochrome P450, family 2, subfamily D, polypeptide 6) (e.g., 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)	
0070U	CYP2D6 (cytochrome P450, family 2, subfamily D, polypeptide 6) (e.g., drug metabolism) gene analysis, full gene sequence (List separately in addition to code for primary procedure)	
0071U	CYP2D6 (cytochrome P450, family 2, subfamily D, polypeptide 6) (e.g., drug metabolism) gene analysis, targeted sequence analysis (ie, CYP2D6-2D7 hybrid gene) (List separately in addition to code for primary procedure)	
0072U	CYP2D6 (cytochrome P450, family 2, subfamily D, polypeptide 6) (e.g., drug metabolism) gene analysis, targeted sequence analysis (ie, CYP2D7-2D6 hybrid gene) (List separately in addition to code for primary procedure)	
0073U	CYP2D6 (cytochrome P450, family 2, subfamily D, polypeptide 6) (e.g., 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)	
0074U	CYP2D6 (cytochrome P450, family 2, subfamily D, polypeptide 6) (e.g., drug metabolism) gene analysis, targeted sequence analysis (ie, 5' gene duplication/multiplication) (List separately in addition to code for primary procedure)	
0075U	CYP2D6 (cytochrome P450, family 2, subfamily D, polypeptide 6) (e.g., drug metabolism) gene analysis, targeted sequence analysis (ie, 3' gene duplication/multiplication) (List separately in addition to code for primary procedure)	
0076U	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	
0078U	Comparative DNA analysis using multiple selected single-nucleotide polymorphisms (SNPs), urine and buccal DNA, for specimen identity verification	
0079U	Oncology (melanoma), gene expression profiling by RTqPCR, PRAME and LINC00518, superficial collection using adhesive patch(es)	

0089U	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)	
0090U	Genome (e.g., unexplained constitutional or heritable disorder or syndrome), rapid sequence analysis	
0094U	Hereditary colon cancer disorders (e.g., 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])	
0101U	Hereditary breast cancer-related disorders (e.g., 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])	
0111U	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	
0120U	Hereditary breast cancer-related disorders (e.g., 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)	
0129U	Hereditary colon cancer disorders (e.g., 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)	
0130U	Hereditary breast cancer-related disorders (e.g., 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)	
0131U	Hereditary ovarian cancer-related disorders (e.g., 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)	
0132U	Hereditary prostate cancer-related disorders, targeted mRNA sequence analysis panel (11 genes) (List separately in addition to code for primary procedure)	
0133U	Hereditary pan cancer (e.g., 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)	
0134U	Hereditary gynecological cancer (e.g., 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)	
0135U	ATM (ataxia telangiectasia mutated) (e.g., ataxia telangiectasia) mRNA sequence analysis (List separately in addition to code for primary procedure)	
0136U	PALB2 (partner and localizer of BRCA2) (e.g., breast and pancreatic cancer) mRNA sequence analysis (List separately in addition to code for primary procedure)	
0137U	BRCA1 (BRCA1, DNA repair associated), BRCA2 (BRCA2, DNA repair associated) (e.g., hereditary breast and ovarian cancer) mRNA sequence analysis (List separately in addition to code for primary procedure)	
0138U	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	
0154U	Oncology (breast cancer), DNA, PIK3CA (phosphatidylinositol-4,5-bisphosphate 3- kinase, catalytic subunit alpha) (e.g., 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	
0155U	Copy number (e.g., intellectual disability, dysmorphism), sequence analysis	
0156U	APC (APC regulator of WNT signaling pathway) (e.g., familial adenomatous polyposis [FAP]) mRNA sequence analysis (List separately in addition to code for primary procedure)	
0157U	MLH1 (mutL homolog 1) (e.g., hereditary non-polyposis colorectal cancer, Lynch syndrome) mRNA sequence analysis (List separately in addition to code for primary procedure)	
0158U	MSH2 (mutS homolog 2) (e.g., hereditary colon cancer, Lynch syndrome) mRNA sequence analysis (List separately in addition to code for primary procedure)	
0159U	MSH6 (mutS homolog 6) (e.g., hereditary colon cancer, Lynch syndrome) mRNA sequence analysis (List separately in addition to code for primary procedure)	
0160U	PMS2 (PMS1 homolog 2, mismatch repair system component) (e.g., hereditary non- polyposis colorectal cancer, Lynch syndrome) mRNA sequence analysis (List separately in addition to code for primary procedure)	
0161U	Hereditary colon cancer (Lynch syndrome), targeted mRNA sequence analysis panel (MLH1, MSH2, MSH6, PMS2) (List separately in addition to code for primary procedure)	

0162U	NUDT15 (nudix hydrolase 15) and TPMT (thiopurine S-methyltransferase) (e.g., drug metabolism) gene analysis, common variants	
0169U	Neurology (autism spectrum disorder [ASD]), RNA, next-generation sequencing, saliva, algorithmic analysis, and results reported as predictive probability of ASD diagnosis	
0170U	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	
0171U	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	
0172U	Psychiatry (ie, depression, anxiety), genomic analysis panel, includes variant analysis of 14 genes	
0173U	Psychiatry (e.g., depression, anxiety), genomic analysis panel, variant analysis of 15 genes	
0175U	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	
0177U	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)	
0179U	KLF1 (Kruppel-like factor 1), targeted sequencing (ie, exon 13)	
0195U	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	
0203U	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	
0204U	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	

0205U	Cytogenomic constitutional (genome-wide) analysis, interrogation of genomic regions for copy number, structural changes and areas of homozygosity for chromosomal abnormalities	
0209U	Oncology (pan-tumor), DNA and RNA by next-generation sequencing, utilizing formalin-fixed paraffin-embedded tissue, interpretative report for single nucleotide variants, copy number alterations, tumor mutational burden, and microsatellite instability, with therapy association	
0211U	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	
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, each comparator genome (e.g., parent, sibling)	
0213U	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	
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, each comparator exome (e.g., parent, sibling)	
0215U	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	
0216U	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	
0217U	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	
0218U	BCAT1 (Branched chain amino acid transaminase 1) and IKZF1 (IKAROS family zinc finger 1) (e.g., colorectal cancer) promoter methylation analysis	
0229U	AR (androgen receptor) (e.g., 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	
0230U	CACNA1A (calcium voltage-gated channel subunit alpha 1A) (e.g., 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	
0231U	CSTB (cystatin B) (e.g., progressive myoclonic epilepsy type 1A, Unverricht-Lundborg disease), full 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	
0232U	FXN (frataxin) (e.g., 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	
0233U	MECP2 (methyl CpG binding protein 2) (e.g., 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	
0234U	PTEN (phosphatase and tensin homolog) (e.g., 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	
0235U	SMN1 (survival of motor neuron 1, telomeric) and SMN2 (survival of motor neuron 2, centromeric) (e.g., spinal muscular atrophy) full gene analysis, including small sequence changes in exonic and intronic regions, duplications, deletions, and mobile element insertions	
0236U	Cardiac ion channelopathies (e.g., 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	
0237U	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	
0238U	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	

0239U	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	
0242U	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	
0244U	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	
0245U	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	
0250U	Fetal aneuploidy short tandem-repeat comparative analysis, fetal DNA from products of conception, reported as normal (euploidy), monosomy, trisomy, or partial deletion/duplication, mosaicism, and segmental aneuploidy	
0252U	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 (e.g., pre-receptive, receptive, post-receptive)	
0253U	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	
0254U	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	
0258U	Rare diseases (constitutional/heritable disorders), identification of copy number variations, inversions, insertions, translocations, and other structural variants by optical genome mapping	
0260U	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	
0262U	Rare diseases (constitutional/heritable disorders), identification of copy number variations, inversions, insertions, translocations, and other structural variants by optical genome mapping	
0264U	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	

0265U	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	
0266U	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	
0267U	Hematology (atypical hemolytic uremic syndrome [aHUS]), genomic sequence analysis of 15 genes, blood, buccal swab, or amniotic fluid	
0268U	Hematology (autosomal dominant congenital thrombocytopenia), genomic sequence analysis of 22 genes, blood, buccal swab, or amniotic fluid	
0269U	Hematology (congenital coagulation disorders), genomic sequence analysis of 20 genes, blood, buccal swab, or amniotic fluid	
0270U	Hematology (congenital neutropenia), genomic sequence analysis of 24 genes, blood, buccal swab, or amniotic fluid	
0271U	Hematology (genetic bleeding disorders), genomic sequence analysis of 60 genes and duplication/deletion of PLAU, blood, buccal swab, or amniotic fluid, comprehensive	
0272U	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	
0273U	Hematology (genetic platelet disorders), genomic sequence analysis of 62 genes and duplication/deletion of PLAU, blood, buccal swab, or amniotic fluid	
0274U	Hematology (inherited thrombocytopenia), genomic sequence analysis of 42 genes, blood, buccal swab, or amniotic fluid	
0276U	Hematology (genetic platelet function disorder), genomic sequence analysis of 40 genes and duplication/deletion of PLAU, blood, buccal swab, or amniotic fluid	
0277U	Hematology (genetic thrombosis), genomic sequence analysis of 14 genes, blood, buccal swab, or amniotic fluid	
0278U	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	
0288U	Neurology (Alzheimer disease), mRNA, gene expression profiling by RNA sequencing of 24 genes, whole blood, algorithm reported as predictive risk score	
0289U	Pain management, mRNA, gene expression profiling by RNA sequencing of 36 genes, whole blood, algorithm reported as predictive risk score	
0290U	Psychiatry (mood disorders), mRNA, gene expression profiling by RNA sequencing of 144 genes, whole blood, algorithm reported as predictive risk score	

0291U	Psychiatry (stress disorders), mRNA, gene expression profiling by RNA sequencing of 72 genes, whole blood, algorithm reported as predictive risk score	
0292U	Psychiatry (suicidal ideation), mRNA, gene expression profiling by RNA sequencing of 54 genes, whole blood, algorithm reported as predictive risk score	
0293U	Longevity and mortality risk, mRNA, gene expression profiling by RNA sequencing of 18 genes, whole blood, algorithm reported as predictive risk score	
0294U	Oncology (oral and/or oropharyngeal cancer), gene expression profiling by RNA sequencing of at least 20 molecular features (e.g., human and/or microbial mRNA), saliva, algorithm reported as positive or negative for signature associated with malignancy	
0296U	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	
0297U	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	
0298U	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	
0299U	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	
0300U	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	
0306U	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	
0307U	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)	
0313U	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)	
0314U	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)	

0315U	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	
0317U	Pediatrics (congenital epigenetic disorders), whole genome methylation analysis by microarray for 50 or more genes, blood	
0318U	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	
0323U	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	
0326U	Fetal aneuploidy (trisomy 13, 18, and 21), DNA sequence analysis of selected regions using maternal plasma, algorithm reported as a risk score for each trisomy, includes sex reporting, if performed	
0327U	Drug assay, definitive, 120 or more drugs and metabolites, urine, quantitative liquid chromatography with tandem mass spectrometry (LC-MS/MS), includes specimen validity and algorithmic analysis describing drug or metabolite and presence or absence of risks for a significant patient-adverse event, per date of service	
0328U	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	
0329U	Infectious agent detection by nucleic acid (DNA or RNA), vaginal pathogen panel, identification of 27 organisms, amplified probe technique, vaginal swab	
0330U	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	
0331U	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	
0332U	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	
0333U	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	

0334U	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	
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, blood or saliva, identification and categorization of genetic variants, each comparator genome (e.g., parent)	
0336U	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	
0339U	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	
0340U	Fetal aneuploidy DNA sequencing comparative analysis, fetal DNA from products of conception, reported as normal (euploidy), monosomy, trisomy, or partial deletion/duplication, mosaicism, and segmental aneuploid	
0341U	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	
0343U	Psychiatry (e.g., depression, anxiety, attention deficit hyperactivity disorder [ADHD]), genomic analysis panel, variant analysis of 15 genes, including deletion/duplication analysis of CYP2D6	
0345U	Drug metabolism or processing (multiple conditions), whole blood or buccal specimen, DNA analysis, 16 gene report, with variant analysis and reported phenotypes	
0347U	Drug metabolism or processing (multiple conditions), whole blood or buccal specimen, DNA analysis, 25 gene report, with variant analysis and reported phenotypes	
0348U	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	
0349U	Drug metabolism or processing (multiple conditions), whole blood or buccal specimen, DNA analysis, 27 gene report, with variant analysis and reported phenotypes	

0350U	APOL1 (apolipoprotein L1) (e.g., chronic kidney disease), risk variants (G1, G2)	
0355U	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	
0356U	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	
0358U	Oncology (prostate cancer), analysis of all prostate-specific antigen (PSA) structural isoforms by phase separation and immunoassay, plasma, algorithm reports risk of cancer	
0359U	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	
0360U	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	
0362U	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	
0363U	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	
0368U	RFC1 (replication factor C subunit 1), repeat expansion variant analysis by traditional and repeat-primed PCR, blood, saliva, or buccal swab	
0378U	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	
0379U	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	
0380U	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	
0388U	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	
0389U	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	
0391U	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	
0392U	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	
0396U	Gastroenterology (Barrett esophagus), P16, RUNX3, HPP1, and FBN1 DNA methylation analysis using PCR, formalin-fixed paraffin-embedded (FFPE) tissue, algorithm reported as risk score for progression to high-grade dysplasia or cancer	
0398U	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	
0400U	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	
0401U	Oncology (prostate), mRNA, gene expression profiling of 18 genes, first-catch post- digital rectal examination urine (or processed first-catch urine), algorithm reported as percentage of likelihood of detecting clinically significant prostate cancer	
0403U	Oncology (pancreatic), 59 methylation haplotype block markers, next-generation sequencing, plasma, reported as cancer signal detected or not detected	
0405U	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	
0409U	Oncology (pancreatic), DNA, whole genome sequencing with 5-hydroxymethylcytosine enrichment, whole blood or plasma, algorithm reported as cancer detected or not detected	
0410U	Psychiatry (e.g., depression, anxiety, attention deficit hyperactivity disorder [ADHD]), genomic analysis panel, variant analysis of 15 genes, including deletion/duplication analysis of CYP2D6	
0411U	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	
0413U	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	
0414U	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	
0417U	Neuropsychiatry (e.g., depression, anxiety), genomic sequence analysis panel, variant analysis of 13 genes, saliva or buccal swab, report of each gene phenotype	
0419U	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	
0420U	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	
0422U	Psychiatry (e.g., depression, anxiety), genomic analysis panel, including variant analysis of 26 genes, buccal swab, report including metabolizer status and risk of drug toxicity by condition	
0423U	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	
0424U	Genome (e.g., unexplained constitutional or heritable disorder or syndrome), rapid sequence analysis, each comparator genome (e.g., parents, siblings)	
0425U	Genome (e.g., unexplained constitutional or heritable disorder or syndrome), ultra- rapid sequence analysis	
0426U	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	

0428U	Oncology (prostate), 5 DNA regulatory markers by quantitative PCR, whole blood, algorithm, including prostate-specific antigen, reported as likelihood of cancer	
0433U	Drug metabolism (adverse drug reactions and drug response), genomic analysis panel, variant analysis of 25 genes with reported phenotypes	
0434U	Psychiatry (anxiety disorders), mRNA, gene expression profiling by RNA sequencing of 15 biomarkers, whole blood, algorithm reported as predictive risk score	
0437U	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	
0438U	Cardiology (coronary heart disease [CHD]), DNA, analysis of 5 single-nucleotide polymorphisms (SNPs) (rs11716050 [LOC105376934], rs6560711 [WDR37], rs3735222 [SCIN/LOC107986769], rs6820447 [intergenic], and rs9638144 [ESYT2]) and 3 DNA methylation markers (cg00300879 [transcription start site {TSS200} of CNKSR1], cg09552548 [intergenic], and cg14789911 [body of SPATC1L]), qPCR and digital PCR, whole blood, algorithm reported as a 4-tiered risk score for a 3-year risk of symptomatic CHD	
0439U	Cardiology (coronary heart disease [CHD]), DNA, analysis of 10 single-nucleotide polymorphisms (SNPs) (rs710987 [LINC010019], rs1333048 [CDKN2B-AS1], rs12129789 [KCND3], rs942317 [KTN1-AS1], rs1441433 [PPP3CA], rs2869675 [PREX1], rs4639796 [ZBTB41], rs4376434 [LINC00972], rs12714414 [TMEM18], and rs7585056 [TMEM18]) and 6 DNA methylation markers (cg03725309 [SARS1], cg12586707 [CXCL1], cg04988978 [MPO], cg17901584 [DHCR24-DT], cg21161138 [AHRR], and cg12655112 [EHD4]), qPCR and digital PCR, whole blood, algorithm reported as detected or not detected for CHD	
0440U	Oncology (solid organ neoplasia), targeted genomic sequence analysis panel of 361 genes, interrogation for gene fusions, translocations, or other rearrangements, using DNA from formalin-fixed paraffin-embedded (FFPE) tumor tissue, report of clinically significant variant(s)	
0444U	Oncology (lung and colon cancer), DNA, qualitative, next-generation sequencing detection of single-nucleotide variants and deletions in EGFR and KRAS genes, formalin-fixed paraffin-embedded (FFPE) solid tumor samples, reported as presence or absence of targeted mutation(s), with recommended therapeutic options	
0448U	Carrier screening for severe inherited conditions (e.g., cystic fibrosis, spinal muscular atrophy, beta hemoglobinopathies [including sickle cell disease], alpha thalassemia), regardless of race or self-identified ancestry, genomic sequence analysis panel, must include analysis of 5 genes (CFTR, SMN1, HBB, HBA1, HBA2)	

0449U	Genetic testing for amyotrophic lateral sclerosis (ALS)	
S3800	DNA analysis for germline mutations of the RET proto-oncogene for susceptibility to multiple endocrine neoplasia type 2	
S3840	Genetic testing for retinoblastoma	
S3841	Genetic testing for Von Hippel-Lindau disease	
S3842	DNA analysis of the connexin 26 gene (GJB2) for susceptibility to congenital, profound deafness	
S3844	Genetic testing for alpha-thalassemia	
S3845	Genetic testing for hemoglobin E beta-thalassemia	
S3846	Genetic testing for Niemann-Pick disease	
S3849	Genetic testing for sickle cell anemia	
S3850	DNA analysis for APOE epsilon 4 allele for susceptibility to Alzheimer's disease	
S3852	Genetic testing for myotonic muscular dystrophy	
S3853	Gene expression profiling panel for use in the management of breast cancer treatment	
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 (e.g., 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	
Q2042	Tisagenlecleucel, up to 600 million CAR-positive viable T cells, including leukapheresis and dose preparation procedures, per therapeutic dose	
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, per therapeutic dose	

XW033C 7	Introduction of Autologous Engineered Chimeric Antigen Receptor T-cell Immunotherapy into Peripheral Vein, Percutaneous Approach, New Technology Group 7	
XW033 G7	Introduction of Allogeneic Engineered Chimeric Antigen Receptor T-cell Immunotherapy into Peripheral Vein, Percutaneous Approach, New Technology Group 7	
XW033H 7	Introduction of Axicabtagene Ciloleucel Immunotherapy into Peripheral Vein, Percutaneous Approach, New Technology Group 7	
XW033J 7	Introduction of Tisagenlecleucel Immunotherapy into Peripheral Vein, Percutaneous Approach, New Technology Group 7	
XW033K 7	Introduction of Idecabtagene Vicleucel Immunotherapy into Peripheral Vein, Percutaneous Approach, New Technology Group 7	
XW033L 7	Introduction of Lifleucel Immunotherapy into Peripheral Vein, Percutaneous Approach, New Technology Group 7	
XW033 M7	Introduction of Brexucabtagene Autoleucel Immunotherapy into Peripheral Vein, Percutaneous Approach, New Technology Group 7	
XW033N 7	Introduction of Lisocabtagene Maraleucel Immunotherapy into Peripheral Vein, Percutaneous Approach, New Technology Group 7	
XW043C 7	Introduction of Autologous Engineered Chimeric Antigen Receptor T-cell Immunotherapy into Central Vein, Percutaneous Approach, New Technology Group 7	
XW043 G7	Introduction of Allogeneic Engineered Chimeric Antigen Receptor T-cell Immunotherapy into Central Vein, Percutaneous Approach, New Technology Group 7	
XW043H 7	Introduction of Axicabtagene Ciloleucel Immunotherapy into Central Vein, Percutaneous Approach, New Technology Group 7	
XW043J 7	Introduction of Tisagenlecleucel Immunotherapy into Central Vein, Percutaneous Approach, New Technology Group 7	
XW043K 7	Introduction of Idecabtagene Vicleucel Immunotherapy into Central Vein, Percutaneous Approach, New Technology Group 7	
XW043L 7	Introduction of Lifleucel Immunotherapy into Central Vein, Percutaneous Approach, New Technology Group 7	
XW043 M7	Introduction of Brexucabtagene Autoleucel Immunotherapy into Central Vein, Percutaneous Approach, New Technology Group 7	
XW043N 7	Introduction of Lisocabtagene Maraleucel Immunotherapy into Central Vein, Percutaneous Approach, New Technology Group 7	
XW133J 8	Transfusion of Exagamglogene Autotemcel into Peripheral Vein, Percutaneous Approach, New Technology Group 8	
XW143J 8	Transfusion of Exagamglogene Autotemcel into Central Vein, Percutaneous Approach, New Technology Group 8	
81370	HLA Class I and II typing, low resolution (e.g., antigen equivalents); HLA-A, -B, -C, -DRB1/3/4/5, and -DQB1	

81371	HLA Class I and II typing, low resolution (e.g., antigen equivalents); HLA-A, -B, and -DRB1 (e.g., verification typing)	
81372	HLA Class I typing, low resolution (e.g., antigen equivalents); complete (ie, HLA-A, -B, and -C)	
81373	HLA Class I typing, low resolution (e.g., antigen equivalents); one locus (e.g., HLA- A, -B, or -C), each	
81374	HLA Class I typing, low resolution (e.g., antigen equivalents); one antigen equivalent (e.g., B*27), each	
81375	HLA Class II typing, low resolution (e.g., antigen equivalents); HLA-DRB1/3/4/5 and -DQB1	
81376	HLA Class II typing, low resolution (e.g., antigen equivalents); one locus (e.g., HLA-DRB1, -DRB3/4/5, -DQB1, -DQA1, -DPB1, or -DPA1), each	
81377	HLA Class II typing, low resolution (e.g., antigen equivalents); one antigen equivalent, each	
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 (e.g., HLA-A, -B, or -C), each	
81381	HLA Class I typing, high resolution (ie, alleles or allele groups); one allele or allele group (e.g., B*57:01P), each	
81382	HLA Class II typing, high resolution (ie, alleles or allele groups); one locus (e.g., HLA-DRB1, -DRB3/4/5, -DQB1, -DQA1, -DPB1, or -DPA1), each	
81383	HLA Class II typing, high resolution (ie, alleles or allele groups); one allele or allele group (e.g., HLA-DQB1*06:02P), each	
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	
0614T	Removal and replacement of substernal implantable defibrillator pulse generator	
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	
33210	Insertion or replacement of temporary transvenous single chamber cardiac electrode or pacemaker catheter (separate procedure)	

33211	Insertion or replacement of temporary transvenous dual chamber pacing electrodes (separate procedure)	
33212	Insertion of pacemaker pulse generator only; with existing single lead	
33213	Insertion of pacemaker pulse generator only; with existing dual leads	
33214	Upgrade of implanted pacemaker system, conversion of single chamber system to dual chamber system (includes removal of previously placed pulse generator, testing of existing lead, insertion of new lead, insertion of new pulse generator)	
33216	Insertion of a single transvenous electrode, permanent pacemaker or implantable defibrillator	
33217	Insertion of 2 transvenous electrodes, permanent pacemaker or implantable defibrillator	
33221	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)	
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 implantable defibrillator pulse generator only; with existing dual leads	
33231	Insertion of implantable defibrillator pulse generator only; with existing multiple leads	
33233	Removal of permanent pacemaker pulse generator only	
33234	Removal of transvenous pacemaker electrode(s); single lead system, atrial or ventricular	
33235	Removal of transvenous pacemaker electrode(s); dual lead system	
33240	Insertion of implantable defibrillator pulse generator only; with existing single lead	
33241	Removal of implantable defibrillator pulse generator only	
33244	Removal of single or dual chamber implantable defibrillator electrode(s); by transvenous extraction	
33249	Insertion or replacement of permanent implantable defibrillator system, with transvenous lead(s), single or dual chamber	
33262	Removal of implantable defibrillator pulse generator with replacement of implantable defibrillator pulse generator; single lead system	
33263	Removal of implantable defibrillator pulse generator with replacement of implantable defibrillator pulse generator; dual lead system	
33264	Removal of implantable defibrillator pulse generator with replacement of implantable defibrillator pulse generator; multiple lead system	

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	
33272	Removal of subcutaneous implantable defibrillator electrode	
33273	Repositioning of previously implanted subcutaneous implantable defibrillator electrode	
33274	Transcatheter insertion or replacement of permanent leadless pacemaker, right ventricular, including imaging guidance (e.g., fluoroscopy, venous ultrasound, ventriculography, femoral venography) and device evaluation (e.g., interrogation or programming), when performed	
33275	Transcatheter removal of permanent leadless pacemaker, right ventricular, including imaging guidance (e.g., fluoroscopy, venous ultrasound, ventriculography, femoral venography), when performed	
33285	Insertion, subcutaneous cardiac rhythm monitor, including programming	
33286	Removal, subcutaneous cardiac rhythm monitor	
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 (e.g., median sternotomy, mediastinotomy)	
33366	Transcatheter aortic valve replacement (TAVR/TAVI) with prosthetic valve; transapical exposure (e.g., left thoracotomy)	

33418	Transcatheter mitral valve repair, percutaneous approach, including transseptal puncture when performed; initial prosthesis	
33875	Descending thoracic aorta graft, with or without bypass	
33877	Repair of thoracoabdominal aortic aneurysm with graft, with or without cardiopulmonary bypass	
33880	Endovascular repair of descending thoracic aorta (e.g., aneurysm, pseudoaneurysm, dissection, penetrating ulcer, intramural hematoma, or traumatic disruption); involving coverage of left subclavian artery origin, initial endoprosthesis plus descending thoracic aortic extension(s), if required, to level of celiac artery origin	
33881	Endovascular repair of descending thoracic aorta (e.g., aneurysm, pseudoaneurysm, dissection, penetrating ulcer, intramural hematoma, or traumatic disruption); not involving coverage of left subclavian artery origin, initial endoprosthesis plus descending thoracic aortic extension(s), if required, to level of celiac artery origin	
33883	Placement of proximal extension prosthesis for endovascular repair of descending thoracic aorta (e.g., aneurysm, pseudoaneurysm, dissection, penetrating ulcer, intramural hematoma, or traumatic disruption); initial extension	
33886	Placement of distal extension prosthesis(s) delayed after endovascular repair of descending thoracic aorta	
34701	Endovascular repair of infrarenal aorta by deployment of an aorto-aortic tube endograft including pre-procedure sizing and device selection, all nonselective catheterization(s), all associated radiological supervision and interpretation, all endograft extension(s) placed in the aorta from the level of the renal arteries to the aortic bifurcation, and all angioplasty/stenting performed from the level of the renal arteries to the aortic bifurcation; for other than rupture (e.g., for aneurysm, pseudoaneurysm, dissection, penetrating ulcer)	
34702	Endovascular repair of infrarenal aorta by deployment of an aorto-aortic tube endograft including pre-procedure sizing and device selection, all nonselective catheterization(s), all associated radiological supervision and interpretation, all endograft extension(s) placed in the aorta from the level of the renal arteries to the aortic bifurcation, and all angioplasty/stenting performed from the level of the renal arteries to the aortic bifurcation; for rupture including temporary aortic and/or iliac balloon occlusion, when performed (e.g., for aneurysm, pseudoaneurysm, dissection, penetrating ulcer, traumatic disruption)	
34703	Endovascular repair of infrarenal aorta and/or iliac artery(ies) by deployment of an aorto-uni-iliac endograft including pre-procedure sizing and device selection, all nonselective catheterization(s), all associated radiological supervision and interpretation, all endograft extension(s) placed in the aorta from the level of the renal arteries to the iliac bifurcation, and all angioplasty/stenting performed from the level of the renal arteries to the iliac bifurcation; for other than rupture (e.g., for aneurysm, pseudoaneurysm, dissection, penetrating ulcer)	

34704	Endovascular repair of infrarenal aorta and/or iliac artery(ies) by deployment of an aorto-uni-iliac endograft including pre-procedure sizing and device selection, all nonselective catheterization(s), all associated radiological supervision and interpretation, all endograft extension(s) placed in the aorta from the level of the renal arteries to the iliac bifurcation, and all angioplasty/stenting performed from the level of the renal arteries to the iliac bifurcation; for rupture including temporary aortic and/or iliac balloon occlusion, when performed (e.g., for aneurysm, pseudoaneurysm, dissection, penetrating ulcer, traumatic disruption)	
34705	Endovascular repair of infrarenal aorta and/or iliac artery(ies) by deployment of an aorto-bi-iliac endograft including pre-procedure sizing and device selection, all nonselective catheterization(s), all associated radiological supervision and interpretation, all endograft extension(s) placed in the aorta from the level of the renal arteries to the iliac bifurcation, and all angioplasty/stenting performed from the level of the renal arteries to the iliac bifurcation; for other than rupture (e.g., for aneurysm, pseudoaneurysm, dissection, penetrating ulcer)	
34706	Endovascular repair of infrarenal aorta and/or iliac artery(ies) by deployment of an aorto-bi-iliac endograft including pre-procedure sizing and device selection, all nonselective catheterization(s), all associated radiological supervision and interpretation, all endograft extension(s) placed in the aorta from the level of the renal arteries to the iliac bifurcation, and all angioplasty/stenting performed from the level of the renal arteries to the iliac bifurcation; for rupture including temporary aortic and/or iliac balloon occlusion, when performed (e.g., for aneurysm, pseudoaneurysm, dissection, penetrating ulcer, traumatic disruption)	
34830	Open repair of infrarenal aortic aneurysm or dissection, plus repair of associated arterial trauma, following unsuccessful endovascular repair; tube prosthesis	
34831	Open repair of infrarenal aortic aneurysm or dissection, plus repair of associated arterial trauma, following unsuccessful endovascular repair; aorto-bi-iliac prosthesis	
34832	Open repair of infrarenal aortic aneurysm or dissection, plus repair of associated arterial trauma, following unsuccessful endovascular repair; aorto-bifemoral prosthesis	
34841	Endovascular repair of visceral aorta (e.g., aneurysm, pseudoaneurysm, dissection, penetrating ulcer, intramural hematoma, or traumatic disruption) by deployment of a fenestrated visceral aortic endograft and all associated radiological supervision and interpretation, including target zone angioplasty, when performed; including one visceral artery endoprosthesis (superior mesenteric, celiac or renal artery)	

34842	Endovascular repair of visceral aorta (e.g., aneurysm, pseudoaneurysm, dissection, penetrating ulcer, intramural hematoma, or traumatic disruption) by deployment of a fenestrated visceral aortic endograft and all associated radiological supervision and interpretation, including target zone angioplasty, when performed; including two visceral artery endoprostheses (superior mesenteric, celiac and/or renal artery[s])	
34843	Endovascular repair of visceral aorta (e.g., aneurysm, pseudoaneurysm, dissection, penetrating ulcer, intramural hematoma, or traumatic disruption) by deployment of a fenestrated visceral aortic endograft and all associated radiological supervision and interpretation, including target zone angioplasty, when performed; including three visceral artery endoprostheses (superior mesenteric, celiac and/or renal artery[s])	
34844	Endovascular repair of visceral aorta (e.g., aneurysm, pseudoaneurysm, dissection, penetrating ulcer, intramural hematoma, or traumatic disruption) by deployment of a fenestrated visceral aortic endograft and all associated radiological supervision and interpretation, including target zone angioplasty, when performed; including four or more visceral artery endoprostheses (superior mesenteric, celiac and/or renal artery[s])	
34845	Endovascular repair of visceral aorta and infrarenal abdominal aorta (e.g., aneurysm, pseudoaneurysm, dissection, penetrating ulcer, intramural hematoma, or traumatic disruption) with a fenestrated visceral aortic endograft and concomitant unibody or modular infrarenal aortic endograft and all associated radiological supervision and interpretation, including target zone angioplasty, when performed; including one visceral artery endoprosthesis (superior mesenteric, celiac or renal artery)	
34846	Endovascular repair of visceral aorta and infrarenal abdominal aorta (e.g., aneurysm, pseudoaneurysm, dissection, penetrating ulcer, intramural hematoma, or traumatic disruption) with a fenestrated visceral aortic endograft and concomitant unibody or modular infrarenal aortic endograft and all associated radiological supervision and interpretation, including target zone angioplasty, when performed; including two visceral artery endoprostheses (superior mesenteric, celiac and/or renal artery[s])	
34847	Endovascular repair of visceral aorta and infrarenal abdominal aorta (e.g., aneurysm, pseudoaneurysm, dissection, penetrating ulcer, intramural hematoma, or traumatic disruption) with a fenestrated visceral aortic endograft and concomitant unibody or modular infrarenal aortic endograft and all associated radiological supervision and interpretation, including target zone angioplasty, when performed; including three visceral artery endoprostheses (superior mesenteric, celiac and/or renal artery[s])	
34848	Endovascular repair of visceral aorta and infrarenal abdominal aorta (e.g., aneurysm, pseudoaneurysm, dissection, penetrating ulcer, intramural hematoma, or traumatic disruption) with a fenestrated visceral aortic endograft and concomitant unibody or modular infrarenal aortic endograft and all associated radiological supervision and interpretation, including target zone angioplasty, when performed; including four or more visceral artery endoprostheses (superior mesenteric, celiac and/or renal artery[s])	

35301	Thromboendarterectomy, including patch graft, if performed; carotid, vertebral, subclavian, by neck incision	
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 (e.g., great saphenous vein, accessory saphenous vein)	
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	
36474	Endovenous ablation therapy of incompetent vein, extremity, inclusive of all imaging guidance and monitoring, percutaneous, mechanochemical; subsequent vein(s) treated in a single extremity, each through separate access sites (List separately in addition to code for primary procedure)	
36475	Endovenous ablation therapy of incompetent vein, extremity, inclusive of all imaging guidance and monitoring, percutaneous, radiofrequency; first vein treated	
36476	Endovenous ablation therapy of incompetent vein, extremity, inclusive of all imaging guidance and monitoring, percutaneous, radiofrequency; subsequent vein(s) treated in a single extremity, each through separate access sites (List separately in addition to code for primary procedure)	
36478	Endovenous ablation therapy of incompetent vein, extremity, inclusive of all imaging guidance and monitoring, percutaneous, laser; first vein treated	
36479	Endovenous ablation therapy of incompetent vein, extremity, inclusive of all imaging guidance and monitoring, percutaneous, laser; subsequent vein(s) treated in a single extremity, each through separate access sites (List separately in addition to code for primary procedure)	
36482	Endovenous ablation therapy of incompetent vein, extremity, by transcatheter delivery of a chemical adhesive (e.g., cyanoacrylate) remote from the access site, inclusive of all imaging guidance and monitoring, percutaneous; first vein treated	
36483	Endovenous ablation therapy of incompetent vein, extremity, by transcatheter delivery of a chemical adhesive (e.g., cyanoacrylate) remote from the access site, inclusive of all imaging guidance and monitoring, percutaneous; subsequent vein(s) treated in a	

	single extremity, each through separate access sites (List separately in addition to code for primary procedure)	
37215	Transcatheter placement of intravascular stent(s), cervical carotid artery, open or percutaneous, including angioplasty, when performed, and radiological supervision and interpretation; with distal embolic protection	
37216	Transcatheter placement of intravascular stent(s), cervical carotid artery, open or percutaneous, including angioplasty, when performed, and radiological supervision and interpretation; without distal embolic protection	
37217	Transcatheter placement of intravascular stent(s), intrathoracic common carotid artery or innominate artery by retrograde treatment, open ipsilateral cervical carotid artery exposure, including angioplasty, when performed, and radiological supervision and interpretation	
37218	Transcatheter placement of intravascular stent(s), intrathoracic common carotid artery or innominate artery, open or percutaneous antegrade approach, including angioplasty, when performed, and radiological supervision and interpretation	
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	
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	
37246	Transluminal balloon angioplasty (except lower extremity artery(ies) for occlusive disease, intracranial, coronary, pulmonary, or dialysis circuit), open or percutaneous, including all imaging and radiological supervision and interpretation necessary to perform the angioplasty within the same artery; initial artery	
37247	Transluminal balloon angioplasty (except lower extremity artery(ies) for occlusive disease, intracranial, coronary, pulmonary, or dialysis circuit), open or percutaneous, including all imaging and radiological supervision and interpretation necessary to perform the angioplasty within the same artery; each additional artery (List separately in addition to code for primary procedure)	
37765	Stab phlebectomy of varicose veins, 1 extremity; 10-20 stab incisions	
37766	Stab phlebectomy of varicose veins, 1 extremity; more than 20 incisions	
93451	Right heart catheterization including measurement(s) of oxygen saturation and cardiac output, when performed	
93452	Left heart catheterization including intraprocedural injection(s) for left ventriculography, imaging supervision and interpretation, when performed	
93453	Combined right and left heart catheterization including intraprocedural injection(s) for left ventriculography, imaging supervision and interpretation, when performed	
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	
93593	Right heart catheterization for congenital heart defect(s) including imaging guidance by the proceduralist to advance the catheter to the target zone; normal native connections	
93594	Right heart catheterization for congenital heart defect(s) including imaging guidance by the proceduralist to advance the catheter to the target zone; abnormal native connections	
93595	Left heart catheterization for congenital heart defect(s) including imaging guidance by the proceduralist to advance the catheter to the target zone, normal or abnormal native connections	
93596	Right and left heart catheterization for congenital heart defect(s) including imaging guidance by the proceduralist to advance the catheter to the target zone(s); normal native connections	
93597	Right and left heart catheterization for congenital heart defect(s) including imaging guidance by the proceduralist to advance the catheter to the target zone(s); abnormal native connections	
0582T	Transurethral ablation of malignant prostate tissue by high-energy water vapor thermotherapy, including intraoperative imaging and needle guidance	
50080	Percutaneous nephrolithotomy or pyelolithotomy, lithotripsy, stone extraction, antegrade ureteroscopy, antegrade stent placement and nephrostomy tube placement, when performed, including imaging guidance; simple (e.g., stone[s] up to 2 cm in single location of kidney or renal pelvis, nonbranching stones)	

50081	Percutaneous nephrolithotomy or pyelolithotomy, lithotripsy, stone extraction, antegrade ureteroscopy, antegrade stent placement and nephrostomy tube placement, when performed, including imaging guidance; complex (e.g., stone[s] > 2 cm, branching stones, stones in multiple locations, ureter stones, complicated anatomy)	
50250	Ablation, open, 1 or more renal mass lesion(s), cryosurgical, including intraoperative ultrasound guidance and monitoring, if performed	
50541	Laparoscopy, surgical; ablation of renal cysts	
50542	Laparoscopy, surgical; ablation of renal mass lesion(s), including intraoperative ultrasound guidance and monitoring, when performed	
50590	Lithotripsy, extracorporeal shock wave	
50592	Ablation, 1 or more renal tumor(s), percutaneous, unilateral, radiofrequency	
50593	Ablation, renal tumor(s), unilateral, percutaneous, cryotherapy	
53854	Periurethral transperineal adjustable balloon continence device; percutaneous adjustment of balloon(s) fluid volume	
54400	Insertion of penile prosthesis; non-inflatable (semi-rigid)	
54401	Insertion of penile prosthesis; inflatable (self-contained)	
54405	Insertion of multi-component, inflatable penile prosthesis, including placement of pump, cylinders, and reservoir	
55810	Prostatectomy, perineal radical;	
55812	Prostatectomy, perineal radical; with lymph node biopsy(s) (limited pelvic lymphadenectomy)	
55815	Prostatectomy, perineal radical; with bilateral pelvic lymphadenectomy, including external iliac, hypogastric and obturator nodes	
55840	Prostatectomy, retropubic radical, with or without nerve sparing;	
55842	Prostatectomy, retropubic radical, with or without nerve sparing; with lymph node biopsy(s) (limited pelvic lymphadenectomy)	
55845	Prostatectomy, retropubic radical, with or without nerve sparing; with bilateral pelvic lymphadenectomy, including external iliac, hypogastric, and obturator nodes	
55866	Laparoscopy, surgical prostatectomy, retropubic radical, including nerve sparing, includes robotic assistance, when performed	
55873	Cryosurgical ablation of the prostate (includes ultrasonic guidance and monitoring)	
55880	Ablation of malignant prostate tissue, transrectal, with high intensity-focused ultrasound (HIFU), including ultrasound guidance	
57288	Sling operation for stress incontinence (e.g., fascia or synthetic)	
56710	Keratoplasty (corneal transplant); anterior lamellar	
65730	Keratoplasty (corneal transplant); penetrating (except in aphakia or pseudophakia)	

65750	Keratoplasty (corneal transplant); penetrating (in aphakia)	
65755	Keratoplasty (corneal transplant); penetrating (in pseudophakia)	
65756	Keratoplasty (corneal transplant); endothelial	
66983	Intracapsular cataract extraction with insertion of intraocular lens prosthesis (1 stage procedure)	
66985	Insertion of intraocular lens prosthesis (secondary implant), not associated with concurrent cataract removal	
66986	Exchange of intraocular lens	
67221	Destruction of localized lesion of choroid (e.g., choroidal neovascularization); photodynamic therapy (includes intravenous infusion)	
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	
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 (e.g., 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	
0496T	Initiation and monitoring marginal (extended) cadaver donor lung(s) organ perfusion system by physician or qualified health care professional, including physiological and laboratory assessment (e.g., 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; each additional hour (List separately in addition to code for primary procedure)	
0584T	Islet cell transplant, includes portal vein catheterization and infusion, including all imaging, including guidance, and radiological supervision and interpretation, when performed; percutaneous	
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	

0320U	Nephrology (renal transplant), RNA expression by select transcriptome sequencing, using posttransplant peripheral blood, algorithm reported as a risk score for acute cellular rejection	
11951	Subcutaneous injection of filling material (e.g., collagen); 1.1 to 5.0 cc	
11952	Subcutaneous injection of filling material (e.g., collagen); 5.1 to 10.0 cc	
11954	Subcutaneous injection of filling material (e.g., collagen); over 10.0 cc	
15771	Grafting of autologous fat harvested by liposuction technique to trunk, breasts, scalp, arms, and/or legs; 50 cc or less injectate	
15772	Grafting of autologous fat harvested by liposuction technique to trunk, breasts, scalp, arms, and/or legs; each additional 50 cc injectate, or part thereof (List separately in addition to code for primary procedure)	
15775	Punch graft for hair transplant; 1 to 15 punch grafts	
15776	Punch graft for hair transplant; more than 15 punch grafts	
15824	Rhytidectomy; forehead	
15825	Rhytidectomy; neck with platysmal tightening (platysmal flap, P-flap)	
15826	Rhytidectomy; glabellar frown lines	
15828	Rhytidectomy; cheek, chin, and neck	
15830	Excision, excessive skin and subcutaneous tissue (includes lipectomy); abdomen, infraumbilical panniculectomy	
15847	Excision, excessive skin and subcutaneous tissue (includes lipectomy), abdomen (e.g., abdominoplasty) (includes umbilical transposition and fascial plication) (List separately in addition to code for primary procedure)	
17380	Electrolysis epilation, each 30 minutes	
19301	Mastectomy, partial (e.g., lumpectomy, tylectomy, quadrantectomy, segmentectomy);	
19303	Mastectomy, simple, complete	
20974	Electrical stimulation to aid bone healing; noninvasive (nonoperative)	
20975	Electrical stimulation to aid bone healing; invasive (operative)	
99183	Physician or other qualified health care professional attendance and supervision of hyperbaric oxygen therapy, per session	
20979	Low intensity ultrasound stimulation to aid bone healing, noninvasive (nonoperative)	
A0428	Ambulance service, basic life support, nonemergency transport, (BLS)	
A0434	Specialty care transport (SCT)	
