Diagnosis Procedure	Approval	Disapproval	Withdrawal	Grand Total
0018U Oncology (thyroid), microRNA profiling by RT-PCR of 10 microRNA sequences, utilizing fine needle $\epsilon$	0	0	2	2
0026U Oncology (thyroid), DNA and mRNA of 112 genes, next-generation sequencing, fine needle aspirate	11	2	2	23
0037U Targeted genomic sequence analysis, solid organ neoplasm, DNA analysis of 324 genes, interrogatic	16	3	9	35
0042T Cerebral perfusion analysis using computed tomography with contrast administration, including pos	9	4	1	14
0048U Oncology (solid organ neoplasia), DNA, targeted sequencing of protein-coding exons of 468 cancer-	0	0	1	1
0101U Hereditary colon cancer disorders (eg, Lynch syndrome, PTEN hamartoma syndrome, Cowden synd	0	1	0	1
0134U Hereditary pan cancer (eg, hereditary breast and ovarian cancer, hereditary endometrial cancer, he	4	0	2	6
0239U Targeted genomic sequence analysis panel, solid organ neoplasm, cell-free DNA, analysis of 311 or	4	14	11	44
0242U Targeted genomic sequence analysis panel, solid organ neoplasm, cell-free circulating DNA analysis	8	8	19	45
0245U Oncology (thyroid), mutation analysis of 10 genes and 37 RNA fusions and expression of 4 mRNA m	0	0	1	1
0326U Targeted genomic sequence analysis panel, solid organ neoplasm, cell-free circulating DNA analysis	8	13	21	50
0329U Oncology (neoplasia), exome and transcriptome sequence analysis for sequence variants, gene cop	1	1	1	3
0334U Oncology (solid organ), targeted genomic sequence analysis, formalin-fixed paraffinembedded (FFP	2	0	2	4
0345U Psychiatry (eg, depression, anxiety, attention deficit hyperactivity disorder [ADHD]), genomic analy	0	4	9	25
22551 Arthrodesis, anterior interbody, including disc space preparation, discectomy, osteophytectomy and	53	33	10	131
22552 Arthrodesis, anterior interbody, including disc space preparation, discectomy, osteophytectomy and	95	56	12	225
22595 Arthrodesis, posterior technique, atlas-axis (C1-C2)	31	32	10	88
22600 Arthrodesis, posterior or posterolateral technique, single level; cervical below C2 segment	8	4	3	16
22612 Arthrodesis, posterior or posterolateral technique, single level; lumbar (with lateral transverse tech	68	100	30	285
22614 Arthrodesis, posterior or posterolateral technique, single level; each additional vertebral segment (	44	108	39	244
22856 Total disc arthroplasty (artificial disc), anterior approach, including discectomy with end plate prepa	11	4	1	17
22858 Total disc arthroplasty (artificial disc), anterior approach, including discectomy with end plate prepa	5	12	4	22
22860 Total disc arthroplasty (artificial disc), anterior approach, including discectomy to prepare interspac	0	1	1	2
23415 Coracoacromial ligament release, with or without acromioplasty	53	37	25	182
23470 Arthroplasty, glenohumeral joint; hemiarthroplasty	4	7	0	11
23472 Arthroplasty, glenohumeral joint; total shoulder (glenoid and proximal humeral replacement (eg, tc	74	37	11	215
23474 Revision of total shoulder arthroplasty, including allograft when performed; humeral and glenoid cc	9	2	4	16
27096 Injection procedure for sacroiliac joint, anesthetic/steroid, with image guidance (fluoroscopy or CT)	785	325	108	1,466
27130 Arthroplasty, acetabular and proximal femoral prosthetic replacement (total hip arthroplasty), with	302	96	25	712
27134 Revision of total hip arthroplasty; both components, with or without autograft or allograft	32	16	6	92
27279 Arthrodesis, sacroiliac joint, percutaneous or minimally invasive (indirect visualization), with image	4	12	4	27
27446 Arthroplasty, knee, condyle and plateau; medial OR lateral compartment	21	19	5	72
27447 Arthroplasty, knee, condyle and plateau; medial AND lateral compartments with or without patella	656	236	67	1,666

27487 Revision of total knee arthroplasty, with or without allograft; femoral and entire tibial component	25	28	16	104
27570 Manipulation of knee joint under general anesthesia (includes application of traction or other fixati	37	24	10	124
29806 Arthroscopy, shoulder, surgical; capsulorrhaphy	102	77	54	414
29825 Arthroscopy, shoulder, surgical; with lysis and resection of adhesions, with or without manipulation	13	14	4	59
29827 Arthroscopy, shoulder, surgical; with rotator cuff repair	192	128	58	814
29863 Arthroscopy, hip, surgical; with synovectomy	2	4	2	8
29879 Arthroscopy, knee, surgical; abrasion arthroplasty (includes chondroplasty where necessary) or mul	117	58	44	290
29880 Arthroscopy, knee, surgical; with meniscectomy (medial AND lateral, including any meniscal shavin	130	69	59	1,202
29888 Arthroscopically aided anterior cruciate ligament repair/augmentation or reconstruction	202	82	70	1,085
29914 Arthroscopy, hip, surgical; with femoroplasty (ie, treatment of cam lesion)	27	8	4	56
62321 Injection(s), of diagnostic or therapeutic substance(s) (eg, anesthetic, antispasmodic, opioid, steroic	683	414	79	1,414
62323 Injection(s), of diagnostic or therapeutic substance(s) (eg, anesthetic, antispasmodic, opioid, steroic	1,253	709	139	2,703
63030 Laminotomy (hemilaminectomy), with decompression of nerve root(s), including partial facetectom	35	18	2	100
63045 Laminectomy, facetectomy and foraminotomy (unilateral or bilateral with decompression of spinal	12	7	2	21
63047 Laminectomy, facetectomy and foraminotomy (unilateral or bilateral with decompression of spinal	65	53	13	225
63650 Percutaneous implantation of neurostimulator electrode array, epidural	161	43	33	315
63655 Laminectomy for implantation of neurostimulator electrodes, plate/paddle, epidural	110	38	26	231
64479 Injection(s), anesthetic agent and/or steroid, transforaminal epidural, with imaging guidance (fluor	73	53	20	156
64483 Injection(s), anesthetic agent and/or steroid, transforaminal epidural, with imaging guidance (fluoro	1,326	871	214	3,177
64490 Injection(s), diagnostic or therapeutic agent, paravertebral facet (zygapophyseal) joint (or nerves in	551	329	88	1,186
64493 Injection(s), diagnostic or therapeutic agent, paravertebral facet (zygapophyseal) joint (or nerves in	1,521	789	229	3,180
64510 Injection, anesthetic agent; stellate ganglion (cervical sympathetic)	71	47	41	167
64633 Destruction by neurolytic agent, paravertebral facet joint nerve(s), with imaging guidance (fluorosc	209	109	41	411
64635 Destruction by neurolytic agent, paravertebral facet joint nerve(s), with imaging guidance (fluorosc	654	304	111	1,268
70336 Magnetic resonance (eg, proton) imaging, temporomandibular joint(s)	47	33	5	115
70450 Computed tomography, head or brain; without contrast material	1,365	1,381	233	6,531
70480 Computed tomography, orbit, sella, or posterior fossa or outer, middle, or inner ear; without contra	494	137	31	1,215
70486 Computed tomography, maxillofacial area; without contrast material	1,112	762	136	5,592
70490 Computed tomography, soft tissue neck; without contrast material	1,042	645	106	2,997
70496 Computed tomographic angiography, head, with contrast material(s), including noncontrast images	454	229	23	866
70498 Computed tomographic angiography, neck, with contrast material(s), including noncontrast images	386	213	15	722
70540 Magnetic resonance (eg, proton) imaging, orbit, face, and/or neck; without contrast material(s)	732	289	37	1,342
70544 Magnetic resonance angiography, head; without contrast material(s)	602	306	38	1,208
70547 Magnetic resonance angiography, neck; without contrast material(s)	182	100	15	324
70551 Magnetic resonance (eg, proton) imaging, brain (including brain stem); without contrast material	5,853	2,083	562	21,294
70554 Magnetic resonance imaging, brain, functional MRI; including test selection and administration of re	16	12	1	30
71250 Computed tomography, thorax; without contrast material	4,163	2,070	450	18,747
71271 Computed tomography, thorax, low dose for lung cancer screening, without contrast material(s)	744	472	95	4,220

71275 Computed tomographic angiography, chest (noncoronary), with contrast material(s), including nonc	591	201	42	1,487
71550 Magnetic resonance (eg, proton) imaging, chest (eg, for evaluation of hilar and mediastinal lymphac	146	80	10	251
71555 Magnetic resonance angiography, chest (excluding myocardium), with or without contrast material	129	32	6	186
72125 Computed tomography, cervical spine; without contrast material	429	371	45	1,027
72128 Computed tomography, thoracic spine; without contrast material	231	218	23	484
72131 Computed tomography, lumbar spine; without contrast material	661	872	97	1,768
72141 Magnetic resonance (eg, proton) imaging, spinal canal and contents, cervical; without contrast mate	3,326	2,487	253	9,331
72146 Magnetic resonance (eg, proton) imaging, spinal canal and contents, thoracic; without contrast mat	1,938	1,248	138	3,759
72148 Magnetic resonance (eg, proton) imaging, spinal canal and contents, lumbar; without contrast mate	3,428	2,815	408	16,871
72159 Magnetic resonance angiography, spinal canal and contents, with or without contrast material(s)	1	2	1	4
72191 Computed tomographic angiography, pelvis, with contrast material(s), including noncontrast image	8	4	2	17
72192 Computed tomography, pelvis; without contrast material	444	205	31	786
72196 Magnetic resonance (eg, proton) imaging, pelvis; with contrast material(s)	1,622	853	136	3,542
72198 Magnetic resonance angiography, pelvis, with or without contrast material(s)	17	9	4	30
73200 Computed tomography, upper extremity; without contrast material	348	114	12	852
73206 Computed tomographic angiography, upper extremity, with contrast material(s), including noncont	21	17	1	43
73220 Magnetic resonance (eg, proton) imaging, upper extremity, other than joint; without contrast mate	405	140	14	1011
73221 Magnetic resonance (eg, proton) imaging, any joint of upper extremity; without contrast material(s	2201	1518	254	7400
73225 Magnetic resonance angiography, upper extremity, with or without contrast material(s)	1	15	3	22
73700 Computed tomography, lower extremity; without contrast material	1019	266	47	1994
73706 Computed tomographic angiography, lower extremity, with contrast material(s), including noncont	41	25	3	82
73720 Magnetic resonance (eg, proton) imaging, lower extremity other than joint; without contrast mater	3348	2298	426	13993
73721 Magnetic resonance (eg, proton) imaging, any joint of lower extremity; without contrast material	482	468	56	1604
73725 Magnetic resonance angiography, lower extremity, with or without contrast material(s)	17	27	8	55
74150 Computed tomography, abdomen; without contrast material	1177	1073	248	4174
74174 Computed tomographic angiography, abdomen and pelvis, with contrast material(s), including nonc	218	129	37	726
74175 Computed tomographic angiography, abdomen, with contrast material(s), including noncontrast im	89	57	11	231
74176 Computed tomography, abdomen and pelvis; without contrast material	5869	3609	513	23291
74181 Magnetic resonance (eg, proton) imaging, abdomen; without contrast material(s)	1679	930	196	4188
74185 Magnetic resonance angiography, abdomen, with or without contrast material(s)	29	27	11	69
74261 Computed tomographic (CT) colonography, diagnostic, including image postprocessing; without cor	10	5	1	17
74263 Computed tomographic (CT) colonography, screening, including image postprocessing	6	4	3	19
74712 Magnetic resonance (eg, proton) imaging, fetal, including placental and maternal pelvic imaging wh	60	3	2	114
75557 Cardiac magnetic resonance imaging for morphology and function without contrast material;	326	64	24	605
75571 Computed tomography, heart, without contrast material, with quantitative evaluation of coronary (	109	381	20	750
75572 Computed tomography, heart, with contrast material, for evaluation of cardiac structure and morpl	54	40	12	184
75573 Computed tomography, heart, with contrast material, for evaluation of cardiac structure and morpl	44	20	4	159
75574 Computed tomographic angiography, heart, coronary arteries and bypass grafts (when present), wi	579	332	85	2436

75635 Computed tomographic angiography, abdominal aorta and bilateral iliofemoral lower extremity run	278	71	9	564
76380 Computed tomography, limited or localized follow-up study	4	8	1	14
76390 Magnetic resonance spectroscopy	13	3	1	18
76497 Unlisted computed tomography procedure (eg, diagnostic, interventional)	10	14	2	26
76498 Unlisted magnetic resonance procedure (eg, diagnostic, interventional)	26	29	9	67
77046 Magnetic resonance imaging, breast, without contrast material; unilateral	286	53	12	409
77078 Computed tomography, bone mineral density study, 1 or more sites, axial skeleton (eg, hips, pelvis,	73	31	12	203
77084 Magnetic resonance (eg, proton) imaging, bone marrow blood supply	1	0	1	2
78429 Myocardial imaging, positron emission tomography (PET), metabolic evaluation study (including ver	139	90	19	417
78451 Myocardial perfusion imaging, tomographic (SPECT) (including attenuation correction, qualitative o	1423	1270	251	10578
78459 Myocardial imaging, positron emission tomography (PET), metabolic evaluation study (including ver	42	42	3	173
78472 Cardiac blood pool imaging, gated equilibrium; planar, single study at rest or stress (exercise and/or	44	2	3	57
78608 Brain imaging, positron emission tomography (PET); metabolic evaluation	54	24	7	142
78813 Positron emission tomography (PET) imaging; whole body	308	152	19	821
78816 Positron emission tomography (PET) with concurrently acquired computed tomography (CT) for att	1067	527	118	4909
81162 BRCA1 (BRCA1, DNA repair associated), BRCA2 (BRCA2, DNA repair associated) (eg, hereditary brea	244	121	27	757
81163 BRCA1 (BRCA1, DNA repair associated), BRCA2 (BRCA2, DNA repair associated) (eg, hereditary brea	1	6	0	7
81175 ASXL1 (additional sex combs like 1, transcriptional regulator) (eg, myelodysplastic syndrome, myelo	0	4	0	4
81184 CACNA1A (calcium voltage-gated channel subunit alpha1 A) (eg, spinocerebellar ataxia) gene analys	1	0	0	1
81185 CACNA1A (calcium voltage-gated channel subunit alpha1 A) (eg, spinocerebellar ataxia) gene analy	11	11	1	26
81201 APC (adenomatous polyposis coli) (eg, familial adenomatosis polyposis [FAP], attenuated FAP) gene	2	3	0	5
81206 BCR/ABL1 (t(9;22)) (eg, chronic myelogenous leukemia) translocation analysis; major breakpoint, qι	25	9	2	106
81208 BCR/ABL1 (t(9;22)) (eg, chronic myelogenous leukemia) translocation analysis; other breakpoint, qu	1	0	0	2
81209 BLM (Bloom syndrome, RecQ helicase-like) (eg, Bloom syndrome) gene analysis, 2281del6ins7 varia	0	1	0	1
81210 BRAF (B-Raf proto-oncogene, serine/threonine kinase) (eg, colon cancer, melanoma), gene analysis,	0	0	1	1
81219 CALR (calreticulin) (eg, myeloproliferative disorders), gene analysis, common variants in exon 9	0	0	1	1
81220 CFTR (cystic fibrosis transmembrane conductance regulator) (eg, cystic fibrosis) gene analysis; com	48	8	9	787
81223 CFTR (cystic fibrosis transmembrane conductance regulator) (eg, cystic fibrosis) gene analysis; full g	0	1	0	2
81228 Cytogenomic constitutional (genome-wide) microarray analysis for constitutional chromosomal abr	1	0	0	1
81229 Cytogenomic constitutional (genome-wide) microarray analysis; interrogation of genomic regions fc	218	84	13	828
81235 EGFR (epidermal growth factor receptor) (eg, non-small cell lung cancer) gene analysis, common va	0	3	0	3
81243 FMR1 (fragile X mental retardation 1) (eg, fragile X mental retardation) gene analysis; evaluation to	27	13	12	97
81249 G6PD (glucose-6-phosphate dehydrogenase) (eg, hemolytic anemia, jaundice) gene analysis; full gei	0	1	0	1
81257 HBA1/HBA2 (alpha globin 1 and alpha globin 2) (eg, alpha thalassemia, Hb Bart hydrops fetalis synd	40	7	54	1225
81275 KRAS (Kirsten rat sarcoma viral oncogene homolog) (eg, carcinoma) gene analysis; variants in exon	7	7	1	20
81292 MLH1 (mutL homolog 1, colon cancer, nonpolyposis type 2) (eg, hereditary non-polyposis colorecta	15	8	0	28
81302 MECP2 (methyl CpG binding protein 2) (eg, Rett syndrome) gene analysis; full sequence analysis	0	10	1	16
81323 PTEN (phosphatase and tensin homolog) (eg, Cowden syndrome, PTEN hamartoma tumor syndrom	0	1	0	1

3	1	0	4
0	1	0	1
5	6	0	12
1	3	1	5
1	2	0	3
168	65	18	442
25	17	4	68
24	37	1	123
134	47	59	450
32	16	12	73
0	2	0	3
12	3	1	18
31	7	22	172
0	1	0	1
0	2	0	2
2	4	6	14
8	2	1	14
12	18	1	50
11	5	0	16
0	3	0	5
21	5	6	61
44	26	9	111
0	1	7	11
1	0	0	1
0	0	1	1
1	0	8	25
0	1	34	57
17111	3500	556	32918
2398	2216	611	34738
153	46	23	547
327	334	52	1615
29087	11817	3859	57677
11429	3665	488	20465
211	59	10	527
1	5	1	7
	0	0	11
2	0	0	2
	0 5 1 1 168 25 24 134 32 0 12 31 0 0 2 31 0 0 2 31 0 0 2 31 0 0 2 31 0 0 2 31 0 0 2 31 0 0 2 31 0 0 2 31 0 0 12 31 0 0 0 12 31 0 0 12 31 0 0 12 31 0 0 12 31 0 0 12 31 0 0 12 31 0 0 12 31 0 0 12 31 0 0 12 31 0 0 12 31 0 0 12 31 0 0 12 31 0 0 12 31 0 0 12 31 0 0 12 31 0 0 12 31 0 0 12 31 0 0 11 1 0 11 0 1	01561312168652517243713447321602123317010224821218115032154426011001111001171113500239822161534632733429087118171142936652115915100	$\begin{array}{cccccccccccccccccccccccccccccccccccc$