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Appendix B

Summary of Additions, Deletions, and Revisions

Appendix B shows the actual changes that were made to the code descriptors. New codes appear with a bullet (●) and are indicated as “Code Added.” Revised codes are preceded with a triangle (▲). Within revised codes, the deleted language appears with a ~~strike through~~, while new text appears underlined. Codes with which moderate sedation would not be separately reported when performed at the same session by the same individual are denoted with the bullseye (⊙). The symbol ✎ is used to identify codes for vaccines that are pending FDA approval (see **Appendix K**). The symbol # is used to identify codes that have been resequenced (see **Appendix N**). CPT add-on codes are annotated by the symbol + (see **Appendix D**). The symbol ⊕ is used to identify codes that are exempt from the use of modifier 51 (see **Appendix E**).

Evaluation and Management

- ▲ 99354 Prolonged evaluation and management or psychotherapy service(s) (beyond the typical service time of the primary procedure) in the office or other outpatient setting requiring direct patient contact beyond the usual service; first hour (List separately in addition to code for office or other outpatient **Evaluation and Management** or psychotherapy service)
- ▲ 99355 each additional 30 minutes (List separately in addition to code for prolonged service)
- 99415 Code added
- 99416 Code added

Surgery

- 10035 Code added
- 10036 Code added
- 21805 Open treatment of rib fracture without fixation, each
- 31620 Endobronchial ultrasound (EBUS) during bronchoscopic diagnostic or therapeutic intervention(s) (List separately in addition to code for primary procedure(s))

- ⊕▲ 31632 with transbronchial lung biopsy(s), each additional lobe (List separately in addition to code for primary procedure)
- ⊕▲ 31633 with transbronchial needle aspiration biopsy(s), each additional lobe (List separately in addition to code for primary procedure)
- ⊙● 31652 Code added
- ⊙● 31653 Code added
- ⊕● 31654 Code added
- 33477 Code added
- ⊕▲ 37184 Primary percutaneous transluminal mechanical thrombectomy, noncoronary, non-intracranial, arterial or arterial bypass graft, including fluoroscopic guidance and intraprocedural pharmacological thrombolytic injection(s); initial vessel
- ⊕▲ 37185 second and all subsequent vessel(s) within the same vascular family (List separately in addition to code for primary mechanical thrombectomy procedure)
- ⊕▲ 37186 Secondary percutaneous transluminal thrombectomy (eg, nonprimary mechanical, snare basket, suction technique), noncoronary, non-intracranial, arterial or arterial bypass graft, including fluoroscopic guidance and intraprocedural pharmacological thrombolytic injections, provided in conjunction with another percutaneous intervention other than primary mechanical thrombectomy (List separately in addition to code for primary procedure)
- 37202 Transcatheter therapy, infusion other than for thrombolysis, any type (eg, spasmolytic, vasoconstrictive)
- #⊕▲ 37211 Transcatheter therapy, arterial infusion for thrombolysis other than coronary, intracranial, any method, including radiological supervision and interpretation, initial treatment day
- 37250 Intravascular ultrasound (non-coronary vessel) during diagnostic evaluation and/or therapeutic intervention; initial vessel (List separately in addition to code for primary procedure)
- 37251 each additional vessel (List separately in addition to code for primary procedure)
- ⊕● 37252 Code added
- ⊕● 37253 Code added
- 39400 Mediastinoscopy, includes biopsy(ies), when performed
- 39401 Code added
- 39402 Code added

#● 43210	Code added
47136	heterotopic, partial or whole, from cadaver or living donor, any age
47500	Injection procedure for percutaneous transhepatic cholangiography
47505	Injection procedure for cholangiography through an existing catheter (eg, percutaneous transhepatic or T-tube)
47510	Introduction of percutaneous transhepatic catheter for biliary drainage
47511	Introduction of percutaneous transhepatic stent for internal and external biliary drainage
47525	Change of percutaneous biliary drainage catheter
47530	Revision and/or reinsertion of transhepatic tube
● 47531	Code added
⊙● 47532	Code added
⊙● 47533	Code added
⊙● 47534	Code added
⊙● 47535	Code added
⊙● 47536	Code added
● 47537	Code added
⊙● 47538	Code added
⊙● 47539	Code added
⊙● 47540	Code added
⊙● 47541	Code added
⊙+● 47542	Code added
⊙+● 47543	Code added
⊙+● 47544	Code added
47560	Laparoscopy, surgical; with guided transhepatic cholangiography, without biopsy
47561	with guided transhepatic cholangiography with biopsy
47630	Biliary duct stone extraction; percutaneous via T-tube tract, basket, or snare (eg, Burhenne technique)
● 49185	Code added
⊙▲ 50387	Removal and replacement of externally accessible transnephric ureteral stent/nephroureteral catheter (eg, external/internal stent) requiring fluoroscopic guidance, including radiological supervision and interpretation
50392	Introduction of intracatheter or catheter into renal pelvis for drainage and/or injection; percutaneous
50393	Introduction of ureteral catheter or stent into ureter through renal pelvis for drainage and/or injection; percutaneous
50394	Injection procedure for pyelography (as nephrostogram, pyelostogram, antegrade pyeloureterograms) through nephrostomy or pyelostomy tube, or indwelling ureteral catheter
50398	Change of nephrostomy or pyelostomy tube
#⊙● 50430	Code added
#● 50431	Code added
#⊙● 50432	Code added
#⊙● 50433	Code added
#⊙● 50434	Code added
#● 50435	Code added

⊙+● 50606	Code added
⊙● 50693	Code added
⊙● 50694	Code added
⊙● 50695	Code added
⊙+● 50705	Code added
⊙+● 50706	Code added
● 54437	Code added
● 54438	Code added
● 61645	Code added
● 61650	Code added
+● 61651	Code added
64412	spinal accessory nerve
#● 64461	Code added
#+● 64462	Code added
#● 64463	Code added
● 65785	Code added
▲ 65855	Trabeculoplasty by laser surgery, 1 or more sessions (defined treatment series)
▲ 67101	Repair of retinal detachment, 1 or more sessions; cryotherapy or diathermy, with or without including drainage of subretinal fluid, when performed
▲ 67105	photocoagulation, with or without including drainage of subretinal fluid, when performed
▲ 67107	Repair of retinal detachment; scleral buckling (such as lamellar scleral dissection, imbrication or encircling procedure), with or without including, when performed, implant, with or without cryotherapy, photocoagulation, and drainage of subretinal fluid
▲ 67108	with vitrectomy, any method, with or without including, when performed, air or gas tamponade, focal endolaser photocoagulation, cryotherapy, drainage of subretinal fluid, scleral buckling, and/or removal of lens by same technique
67112	by scleral buckling or vitrectomy, on patient having previous ipsilateral retinal detachment repair(s) using scleral buckling or vitrectomy techniques
▲ 67113	Repair of complex retinal detachment (eg, proliferative vitreoretinopathy, stage C-1 or greater, diabetic traction retinal detachment, retinopathy of prematurity, retinal tear of greater than 90 degrees), with vitrectomy and membrane peeling, including, may include when performed, air, gas, or silicone oil tamponade, cryotherapy, endolaser photocoagulation, drainage of subretinal fluid, scleral buckling, and/or removal of lens
▲ 67227	Destruction of extensive or progressive retinopathy (eg, diabetic retinopathy), 1 or more sessions, cryotherapy, diathermy
▲ 67228	Treatment of extensive or progressive retinopathy (eg, 1 or more sessions diabetic retinopathy), photocoagulation (eg, diabetic retinopathy), photocoagulation
● 69209	Code added

Radiology

70373	Laryngography, contrast, radiological supervision and interpretation
72010	Radiologic examination, spine, entire, survey study, anteroposterior and lateral
72069	Radiologic examination, spine, thoracolumbar, standing (scoliosis)

▲ 72080	thoracolumbar <u>junction, minimum of 2 views</u>	75896	Transcatheter therapy, infusion, other than for thrombolysis, radiological supervision and interpretation
● 72081	Code added	75945	Intravascular ultrasound (non-coronary vessel), radiological supervision and interpretation; initial vessel
● 72082	Code added	75946	each additional non-coronary vessel (List separately in addition to code for primary procedure)
● 72083	Code added	75980	Percutaneous transhepatic biliary drainage with contrast monitoring, radiological supervision and interpretation
● 72084	Code added	75982	Percutaneous placement of drainage catheter for combined internal and external biliary drainage or of a drainage stent for internal biliary drainage in patients with an inoperable mechanical biliary obstruction, radiological supervision and interpretation
72090	sceliosis study, including supine and erect studies	▲ 77057	Screening mammography, bilateral (2-view film study of each breast)
73500	Radiologic examination, hip, unilateral; 1 view	▲ 77417	Therapeutic radiology port film <u>image(s)</u>
● 73501	Code added	● 77767	Code added
● 73502	Code added	● 77768	Code added
● 73503	Code added	● 77770	Code added
73510	<u>complete, minimum of 2 views</u>	● 77771	Code added
73520	Radiologic examination, hips, bilateral, minimum of 2 views of each hip, including anteroposterior view of pelvis	● 77772	Code added
● 73521	Code added	77776	Interstitial radiation source application; simple
● 73522	Code added	77777	intermediate
● 73523	Code added	▲ 77778	Interstitial radiation source application, <u>complex, includes supervision, handling, loading of radiation source, when performed; complex</u>
73530	Radiologic examination, hip, during operative procedure	77785	Remote afterloading high dose rate radionuclide brachytherapy; 1 channel
73540	Radiologic examination, pelvis and hips, infant or child, minimum of 2 views	77786	2-12 channels
73550	Radiologic examination, femur, 2 views	77787	over 12 channels
● 73551	Code added	▲ 77789	Surface application of radiation <u>low dose rate radionuclide source</u>
● 73552	Code added	▲ 78264	Gastric emptying <u>imaging study (eg, solid, liquid, or both);</u>
▲ 74240	Radiologic examination, gastrointestinal tract, upper; with or without delayed films <u>images</u> , without KUB	● 78265	Code added
▲ 74241	with or without delayed films <u>images</u> , with KUB	● 78266	Code added
▲ 74245	with small intestine, includes multiple serial films <u>images</u>	Pathology and Laboratory	
▲ 74246	Radiological examination, gastrointestinal tract, upper, air contrast, with specific high density barium, effervescent agent, with or without glucagon; with or without delayed films <u>images</u> , without KUB	# ● 80081	Code added
▲ 74247	with or without delayed films <u>images</u> , with KUB	● 81170	Code added
▲ 74250	Radiologic examination, small intestine, includes multiple serial films <u>images</u> ;	▲ 81210	<i>BRAF</i> (<i>vB-raf murine sarcoma viral Raf proto-oncogene homolog B1, serine/threonine kinase</i>) (eg, colon cancer, <u>melanoma</u>), gene analysis, V600E variant(s);
▲ 74251	via enteroclysis tube	# ● 81162	Code added
74305	through existing catheter, radiological supervision and interpretation	● 81218	Code added
74320	Cholangiography, percutaneous, transhepatic, radiological supervision and interpretation	● 81219	Code added
74327	Postoperative biliary duct calculus removal, percutaneous via T-tube tract, basket, or snare (eg, Burhenne technique), radiological supervision and interpretation	● 81272	Code added
▲ 74340	Introduction of long gastrointestinal tube (eg, Miller-Abbott), including multiple fluoroscopies and films <u>images</u> , radiological supervision and interpretation	● 81273	Code added
74475	Introduction of intracatheter or catheter into renal pelvis for drainage and/or injection, percutaneous, radiological supervision and interpretation	▲ 81275	<i>KRAS</i> (<i>v-Ki-ras2 Kirsten rat sarcoma viral oncogene homolog</i>) (eg, carcinoma) gene analysis; variants in codons 12 and 13; <u>variants in exon 2 (eg, codons 12 and 13)</u>
74480	Introduction of ureteral catheter or stent into ureter through renal pelvis for drainage and/or injection, percutaneous, radiological supervision and interpretation	● 81276	Code added
● 74712	Code added	● 81311	Code added
+ ● 74713	Code added		

<p>● 81314 Code added</p>	<p><i>BRAF</i> (<i>vB-ras murine sarcoma viral Raf proto-oncogene homolog-B1, serine/threonine kinase</i>) (eg, Noonan syndrome), full gene sequence</p>
<p>▲ 81355 <i>VKORC1</i> (<i>vitamin K epoxide reductase complex, subunit 1</i>) (eg, warfarin metabolism), gene analysis, common variant(s) (eg, -1639/3673/1639G>A, c.173+1000C>T)</p>	<p><i>PCK9</i> (<i>proprotein convertase subtilisin/kexin type 9</i>) (eg, familial hypercholesterolemia), full gene sequence</p>
<p>▲ 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 dynamic mutation disorder/triplet repeat)</p> <p><i>ABL1</i> (<i>ABL fepreto-abt oncogene 1, non-receptor tyrosine kinase</i>) (eg, acquired imatinib resistance), T3151 variant</p> <p><i>DEK/NUP214 (t(6;9))</i> (eg, acute myeloid leukemia), translocation analysis, qualitative, and quantitative, if performed</p> <p><i>IGH@/BCL2 (t(14;18))</i> (eg, follicular lymphoma), translocation analysis; single breakpoint (eg, major breakpoint region [MBR] or minor cluster region [mcr]), qualitative or quantitative</p> <p>(When both MBR and mcr breakpoints are performed use 81402)</p>	<p>● 81412 Code added</p> <p>● 81432 Code added</p> <p>● 81433 Code added</p> <p>● 81434 Code added</p> <p>▲ 81435 Hereditary colon cancer syndromes/disorders (eg, Lynch syndrome, PTEN hamartoma syndrome, Cowden syndrome, familial adenomatosis polyposis); genomic sequence analysis panel, must include analysis/sequencing of at least 710 genes, including <i>APC, BMPR1A, GHEK2CDH1, MLH1, MSH2, MSH6, MUTYH, PTEN, SMAD4, and PMS2STK11</i></p>
<p>▲ 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], immunoglobulin and T-cell receptor gene rearrangements, duplication/deletion variants of 1 exon, loss of heterozygosity [LOH], uniparental disomy [UPD])</p> <p><i>KIT</i> (<i>v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homolog</i>) (eg, mastocytosis), common variants (eg, D816V, D816Y, D816F)</p>	<p>▲ 81436 duplication/deletion gene-analysis panel, must include analysis of at least 85 genes, including <i>APC, MLH1, MSH2, MSH6, PMS2, EPCAM, GHEK2SMAD4, and MUTYHSTK11</i></p> <p>● 81437 Code added</p> <p>● 81438 Code added</p> <p>● 81442 Code added</p> <p>▲ 81445 Targeted genomic sequence analysis panel, solid organ neoplasm, DNA analysis, and RNA analysis when performed, 5-50 genes (eg, <i>ALK, BRAF, CDKN2A, EGFR, ERBB2, KIT, KRAS, NRAS, MET, PDGFRA, PDGFRB, PGR, PIK3CA, PTEN, RET</i>), interrogation for sequence variants and copy number variants or rearrangements, if performed</p>
<p>▲ 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, mutation scanning or duplication/deletion variants of 2-5 exons)</p> <p><i>ABL1</i> (<i>c-abl oncogene 1, receptor tyrosine kinase</i>) (eg, acquired imatinib tyrosine kinase inhibitor resistance), variants in the kinase domain</p> <p><i>CEBPA</i> (<i>CCAAT/enhancer binding protein [C/EBP], alpha</i>) (eg, acute myeloid leukemia), full gene sequence</p> <p><i>KRAS</i> (<i>v-Ki-ras2 Kirsten rat sarcoma viral oncogene</i>) (eg, carcinoma), gene analysis, variant(s) in exon 3 (eg, codon 61)</p>	<p>▲ 81450 Targeted genomic sequence analysis panel, hematolymphoid neoplasm or disorder, DNA analysis, and RNA analysis when performed, 5-50 genes (eg, <i>BRAF, CEBPA, DNMT3A, EZH2, FLT3, IDH1, IDH2, JAK2, KRAS, KIT, MLL, NRAS, NPM1, NOTCH1</i>), interrogation for sequence variants, and copy number variants or rearrangements, or isoform expression or mRNA expression levels, if performed</p> <p>▲ 81455 Targeted genomic sequence analysis panel, solid organ or hematolymphoid neoplasm, DNA analysis, and RNA analysis when performed, 51 or greater genes (eg, <i>ALK, BRAF, CDKN2A, CEBPA, DNMT3A, EGFR, ERBB2, EZH2, FLT3, IDH1, IDH2, JAK2, KIT, KRAS, MLL, NPM1, NRAS, MET, NOTCH1, PDGFRA, PDGFRB, PGR, PIK3CA, PTEN, RET</i>), interrogation for sequence variants and copy number variants or rearrangements, if performed</p>
<p>▲ 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 characterization of a dynamic mutation disorder/triplet repeat by Southern blot analysis)</p> <p><i>KIT</i> (<i>C-kit</i>) (<i>v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homolog</i>) (eg, GIST, acute myeloid leukemia, melanoma), targeted gene analysis (eg, exons 8, 11, 13, 17, 18)</p> <p><i>NRAS</i> (<i>neuroblastoma RAS viral oncogene homolog</i>) (eg, colorectal carcinoma), exon 1 and exon 2 sequences</p> <p><i>PDGFRA</i> (<i>platelet-derived growth factor receptor alpha polypeptide</i>) (eg, gastrointestinal stromal tumor), targeted-sequence analysis (eg, exons 12, 18)</p>	<p>● 81490 Code added</p> <p>● 81493 Code added</p> <p>● 81525 Code added</p> <p>● 81528 Code added</p> <p>● 81535 Code added</p> <p>✦ 81536 Code added</p> <p>● 81538 Code added</p> <p>● 81540 Code added</p> <p>● 81545 Code added</p> <p>● 81595 Code added</p>
<p>▲ 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 targeted cytogenomic array analysis)</p> <p><i>KRAS</i> (<i>v-Ki-ras2-Kirsten rat sarcoma viral oncogene homolog</i>) (eg, Noonan syndrome), full gene sequence</p>	<p>● 82486 Chromatography, qualitative; column (eg, gas liquid or HPLC); analyte not elsewhere specified</p> <p>● 82487 paper, 1-dimensional; analyte not elsewhere specified</p> <p>● 82488 paper, 2-dimensional; analyte not elsewhere specified</p> <p>● 82489 thin layer; analyte not elsewhere specified</p>
<p>▲ 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 array analysis for neoplasia)</p>	

82491	Chromatography, quantitative, column (eg, gas-liquid or HPLC); single analyte not elsewhere specified; single stationary and mobile phase	▲ 87427	Shiga-like toxin
82492	multiple analytes; single stationary and mobile phase	▲ 87430	Streptococcus, group A
82541	Column chromatography/mass spectrometry (eg, GC/MS, or HPLC/MS); non-drug analyte not elsewhere specified; qualitative; single stationary and mobile phase	▲ 87449	Infectious agent antigen detection by <u>immunoassay technique</u> , (eg, <u>enzyme immunoassay technique</u> [EIA], <u>enzyme-linked immunosorbent assay</u> [ELISA], <u>immunochemiluminometric assay</u> [IMCA]), qualitative or semiquantitative; multiple-step method, not otherwise specified, each organism
▲ 82542	Column chromatography, <u>includes mass spectrometry, if performed</u> (eg, HPLC, LC, LC/MS, LC/MS-MS, GC, GC/MS-MS, or GC/MS, HPLC/MS); non-drug analyte(s) not elsewhere specified, <u>qualitative or quantitative, each specimen</u> ; quantitative; single stationary and mobile phase	▲ 87450	single step method, not otherwise specified, each organism
82543	stable isotope dilution; single analyte; quantitative; single stationary and mobile phase	▲ 87451	multiple step method, polyvalent for multiple organisms, each polyvalent antiserum
82544	stable isotope dilution; multiple analytes; quantitative; single stationary and mobile phase	▲ 87502	influenza virus, for multiple types or sub-types, includes multiplex reverse transcription, <u>when performed</u> , and multiplex amplified probe technique, first 2 types or sub-types
83788	Mass spectrometry and tandem mass spectrometry (MS, MS/MS); analyte not elsewhere specified; qualitative; each specimen	+▲ 87503	influenza virus, for multiple types or sub-types, includes multiplex reverse transcription, <u>when performed</u> , and multiplex amplified probe technique, each additional influenza virus type or sub-type beyond 2 (List separately in addition to code for primary procedure)
▲ 83789	Mass spectrometry and tandem mass spectrometry (eg, MS, MS/MS, MALDI, MS-TOF, QTOF); non-drug analyte(s) not elsewhere specified, <u>qualitative or quantitative, each specimen</u> ; quantitative; each specimen	▲ 88346	<u>Immunofluorescent study</u> <u>Immunofluorescence</u> , <u>each antibody per specimen</u> ; <u>direct method</u> <u>initial single antibody stain procedure</u>
▲ 86708	Hepatitis A antibody (HAAb); total	88347	indirect method
▲ 86709	Hepatitis A antibody (HAAb), <u>IgM antibody</u> ; <u>IgM antibody</u>	#+● 88350	Code added
▲ 87301	Infectious agent antigen detection by <u>immunoassay technique</u> , (eg, <u>enzyme immunoassay technique</u> [EIA], <u>enzyme-linked immunosorbent assay</u> [ELISA], <u>immunochemiluminometric assay</u> [IMCA]) qualitative or semiquantitative, multiple-step method; adenovirus enteric types 40/41		
▲ 87305	Aspergillus		
▲ 87320	Chlamydia trachomatis		
▲ 87324	Clostridium difficile toxin(s)		
▲ 87327	Cryptococcus neoformans		
▲ 87328	cryptosporidium		
▲ 87329	giardia		
▲ 87332	cytomegalovirus		
▲ 87335	Escherichia coli 0157		
▲ 87336	Entamoeba histolytica dispar group		
▲ 87337	Entamoeba histolytica group		
▲ 87338	Helicobacter pylori, stool		
▲ 87339	Helicobacter pylori		
▲ 87340	hepatitis B surface antigen (HBsAg)		
▲ 87341	hepatitis B surface antigen (HBsAg) neutralization		
▲ 87350	hepatitis Be antigen (HBeAg)		
▲ 87380	hepatitis, delta agent		
▲ 87385	Histoplasma capsulatum		
▲ 87389	HIV-1 antigen(s), with HIV-1 and HIV-2 antibodies, single result		
▲ 87390	HIV-1		
▲ 87391	HIV-2		
▲ 87400	Influenza, A or B, each		
▲ 87420	respiratory syncytial virus		
▲ 87425	rotavirus		
		▲ 90632	Hepatitis A vaccine (HepA), adult dosage, for intramuscular use
		▲ 90633	Hepatitis A vaccine (HepA), pediatric/adolescent dosage-2 dose schedule, for intramuscular use
		▲ 90634	Hepatitis A vaccine (HepA), pediatric/adolescent dosage-3 dose schedule, for intramuscular use
		90645	Hemophilus influenzae b vaccine (Hib), HbOC conjugate (4 dose schedule), for intramuscular use
		90646	Hemophilus influenzae b vaccine (Hib), PRP-D conjugate, for booster use only, intramuscular use
		▲ 90647	Hemophilus influenzae Haemophilus influenzae type b vaccine (Hib), PRP-OMP conjugate (3 dose schedule), for intramuscular use
		▲ 90648	Hemophilus influenzae Haemophilus influenzae type b vaccine (Hib), PRP-T conjugate (4 dose schedule), for intramuscular use
		▲ 90649	Human Papilloma virus (HPV) Papillomavirus vaccine, types 6, 11, 16, 18 (quadrivalent), quadrivalent (4vHPV), 3 dose schedule, for intramuscular use
		▲ 90650	Human Papilloma virus (HPV) Papillomavirus vaccine, types 16, 18, bivalent (2vHPV), 3 dose schedule, for intramuscular use
		▲ 90651	Human Papillomavirus vaccine types 6, 11, 16, 18, 31, 33, 45, 52, 58, nonavalent (HPV) (9vHPV), 3 dose schedule, for intramuscular use
		↗▲ 90653	Influenza vaccine, inactivated (IIV), subunit, adjuvanted, for intramuscular use
		▲ 90655	Influenza virus vaccine, trivalent (IIV3), split virus, preservative free, when administered to children 6-35 months of age, for intramuscular use
		▲ 90656	Influenza virus vaccine, trivalent (IIV3), split virus, preservative free, when administered to individuals 3 years and older, for intramuscular use
		▲ 90657	Influenza virus vaccine, trivalent (IIV3), split virus, when administered to children 6-35 months of age, for intramuscular use

▲ 90658	Influenza virus vaccine, trivalent (IIV3), split virus, when administered to individuals 3 years of age and older, for intramuscular use	90703	Tetanus toxoid adsorbed, for intramuscular use
▲ 90660	Influenza virus vaccine, trivalent, live (LAIV3), for intranasal use	90704	Mumps virus vaccine, live, for subcutaneous use
# ▲ 90672	Influenza virus vaccine, quadrivalent, live (LAIV4), for intranasal use	90705	Measles virus vaccine, live, for subcutaneous use
▲ 90661	Influenza virus vaccine (ccIIV3), derived from cell cultures, subunit, preservative and antibiotic free, for intramuscular use	90706	Rubella virus vaccine, live, for subcutaneous use
# ▲ 90673	Influenza virus vaccine, trivalent (RIV3), derived from recombinant DNA, hemagglutinin (HA) protein only, preservative and antibiotic free, for intramuscular use	90708	Measles and rubella virus vaccine, live, for subcutaneous use
▲ 90662	Influenza virus vaccine (IIV), split virus, preservative free, enhanced immunogenicity via increased antigen content, for intramuscular use	90712	Poliovirus vaccine, (any type(s)) (OPV), live, for oral use
▲ 90664	Influenza virus vaccine, live (LAIV), pandemic formulation, live, for intranasal use	▲ 90714	Tetanus and diphtheria toxoids adsorbed (Td) adsorbed, preservative free, when administered to individuals 7 years or older, for intramuscular use
↗ ▲ 90666	Influenza virus vaccine (IIV), pandemic formulation, split virus, preservative free, for intramuscular use	▲ 90716	Varicella virus vaccine (VAR), live, for subcutaneous use
↗ ▲ 90667	Influenza virus vaccine (IIV), pandemic formulation, split virus, adjuvanted, for intramuscular use	90719	Diphtheria toxoid, for intramuscular use
↗ ▲ 90668	Influenza virus vaccine (IIV), pandemic formulation, split virus, for intramuscular use	90720	Diphtheria, tetanus toxoids, and whole cell pertussis vaccine and Haemophilus influenzae b vaccine (DTwP/Hib), for intramuscular use
90669	Pneumococcal conjugate vaccine, 7 valent (PCV7), for intramuscular use	90721	Diphtheria, tetanus toxoids, and acellular pertussis vaccine and Haemophilus influenzae b vaccine (DTaP/Hib), for intramuscular use
▲ 90670	Pneumococcal conjugate vaccine, 13 valent (PCV13), for intramuscular use	90725	Cholera vaccine for injectable use
▲ 90680	Rotavirus vaccine, pentavalent (RV5), 3 dose schedule, live, for oral use	# ↗ ● 90625	Code added
▲ 90681	Rotavirus vaccine, human, attenuated (RV1), 2 dose schedule, live, for oral use	90727	Plague vaccine, for intramuscular use
▲ 90685	Influenza virus vaccine, quadrivalent (IIV4), split virus, preservative free, when administered to children 6-35 months of age, for intramuscular use	▲ 90732	Pneumococcal polysaccharide vaccine, 23-valent (PPSV23), adult or immunosuppressed patient dosage, when administered to individuals 2 years or older, for subcutaneous or intramuscular use
▲ 90686	Influenza virus vaccine, quadrivalent (IIV4), split virus, preservative free, when administered to individuals 3 years of age and older, for intramuscular use	# ▲ 90644	Meningococcal conjugate vaccine, serogroups C & Y and Hemophilus influenzae B Haemophilus influenzae type b vaccine (Hib-MenCY), 4 dose schedule, when administered to children 2-45 months of age, for intramuscular use
▲ 90687	Influenza virus vaccine, quadrivalent (IIV4), split virus, when administered to children 6-35 months of age, for intramuscular use;	▲ 90733	Meningococcal polysaccharide vaccine (any group(s)), serogroups A, C, Y, W-135, quadrivalent (MPSV4), for subcutaneous use
▲ 90688	Influenza virus vaccine, quadrivalent (IIV4), split virus, when administered to individuals 3 years of age and older, for intramuscular use	▲ 90734	Meningococcal conjugate vaccine, serogroups A, C, Y and W-135, quadrivalent (MenACWY), for intramuscular use
90692	Typhoid vaccine, heat and phenol inactivated (H-P), for subcutaneous or intradermal use	# ● 90620	Code added
90693	Typhoid vaccine, acetone-killed, dried (AKD), for subcutaneous use (U.S. military)	# ● 90621	Code added
▲ 90696	Diphtheria, tetanus toxoids, acellular pertussis vaccine and inactivated poliovirus vaccine, inactivated (DTaP-IPV), when administered to children 4 through 6 years of age, for intramuscular use	90735	Japanese encephalitis virus vaccine, for subcutaneous use
↗ ● 90697	Code added	▲ 90736	Zoster (shingles) vaccine (HZV), live, for subcutaneous injection
▲ 90698	Diphtheria, tetanus toxoids, acellular pertussis vaccine, Haemophilus influenzae Type B influenzae type b, and inactivated poliovirus vaccine (DTaP-IPV/Hib), for intramuscular use	↗ ▲ 90739	Hepatitis B vaccine (HepB), adult dosage, 2 dose schedule, for intramuscular use
▲ 90702	Diphtheria and tetanus toxoids adsorbed (DT) adsorbed when administered to individuals younger than 7 years, for intramuscular use	▲ 90740	Hepatitis B vaccine (HepB), dialysis or immunosuppressed patient dosage (3 dose schedule), for intramuscular use
		▲ 90743	Hepatitis B vaccine (HepB), adolescent (2 dose schedule), for intramuscular use
		▲ 90744	Hepatitis B vaccine (HepB), pediatric/adolescent dosage (3 dose schedule), for intramuscular use
		▲ 90746	Hepatitis B vaccine (HepB), adult dosage (3 dose schedule), for intramuscular use
		▲ 90747	Hepatitis B vaccine (HepB), dialysis or immunosuppressed patient dosage (4 dose schedule), for intramuscular use
		▲ 90748	Hepatitis B and Hemophilus influenzae Haemophilus influenzae type b vaccine (HepB-Hib) (Hib-HepB), for intramuscular use
		▲ 91040	Esophageal balloon distension study, diagnostic, with provocation study when performed
		● 92537	Code added
		● 92538	Code added

92543	Caloric-vestibular test, each irrigation (binaural, bithermal-stimulation constitutes 4 tests), with recording	0241F	with stimulation or perfusion during high-resolution esophageal-pressure topography study (eg, stimulant, acid or alkali-perfusion) (List separately in addition to code for primary procedure)
● 93050	Code added	0243F	Intermittent measurement of wheeze rate for bronchodilator or bronchial-challenge diagnostic evaluation(s), with interpretation and report
▲ 94640	Pressurized or nonpressurized inhalation treatment for acute airway obstruction or for <u>sputum induction therapeutic purposes and/or</u> for diagnostic purposes (eg, such as sputum induction with an aerosol generator, nebulizer, metered dose inhaler or intermittent positive pressure breathing [IPPB][IPPB] device)	0244F	Continuous measurement of wheeze rate during treatment assessment or during sleep for documentation of nocturnal wheeze and cough for diagnostic evaluation 3 to 24 hours, with interpretation and report
▲ 95972	complex spinal cord, or peripheral (ie, peripheral nerve, sacral nerve, neuromuscular) (except cranial nerve) neurostimulator-pulse generator/transmitter, with intraoperative or subsequent programming, up to 1 hour	0262F	Implantation of catheter-delivered prosthetic pulmonary valve, endovascular approach
95973	complex spinal cord, or peripheral (ie, peripheral nerve, sacral nerve, neuromuscular) (except cranial nerve) neurostimulator-pulse generator/transmitter, with intraoperative or subsequent programming, each additional 30 minutes after first hour (List separately in addition to code for primary procedure)	⊙ ▲ 0308T	Insertion of ocular telescope prosthesis including removal of crystalline lens or <u>intraocular lens prosthesis</u>
● 96931	Code added	0311F	Non-invasive calculation and analysis of central arterial pressure waveforms with interpretation and report
● 96932	Code added	▲ 0358T	Bioelectrical impedance analysis whole body composition assessment, supine position, with interpretation and report
● 96933	Code added	● 0381T	Code added
+ ● 96934	Code added	● 0382T	Code added
+ ● 96935	Code added	● 0383T	Code added
+ ● 96936	Code added	● 0384T	Code added
▲ 99174	Instrument-based ocular screening (eg, photoscreening, automated-refraction), bilateral; <u>with remote analysis and report</u>	● 0385T	Code added
# ● 99177	Code added	● 0386T	Code added
		● 0387T	Code added
		● 0388T	Code added
		● 0389T	Code added
		● 0390T	Code added
		● 0391T	Code added
		● 0392T	Code added
		● 0393T	Code added
		● 0394T	Code added
		● 0395T	Code added
		+ ● 0396T	Code added
		⊙ + ● 0397T	Code added
		● 0398T	Code added
		+ ● 0399T	Code added
		● 0400T	Code added
		● 0401T	Code added
		● 0402T	Code added
		● 0403T	Code added
		● 0404T	Code added
		● 0405T	Code added
		● 0406T	Code added
		● 0407T	Code added

Category II Codes

- ▲ **6030F** All elements of maximal sterile barrier technique, followed including: cap **and** mask **and** sterile gown **and** sterile gloves **and** a large sterile sheet **and** hand hygiene, skin preparation and, if ultrasound is used, sterile ultrasound techniques followed and 2% chlorhexidine for cutaneous antisepsis (or acceptable alternative antiseptics, per current guideline) (CRIT)¹

Category III Codes

- 0099T** Implantation of intrastromal corneal ring segments
- 0103T** Holotranscobalamin, quantitative
- 0123T** Fistulization of sclera for glaucoma, through ciliary body
- 0182T** High dose-rate electronic brachytherapy, per fraction
- 0223T** Acoustic cardiography, including automated analysis of combined acoustic and electrical intervals; single, with interpretation and report
- 0224T** multiple, including serial trended analysis and limited reprogramming of device parameter, AV or VV delays only, with interpretation and report
- 0225T** multiple, including serial trended analysis and limited reprogramming of device parameter, AV and VV delays, with interpretation and report
- 0233T** Skin advanced glycation endproducts (AGE) measurement by multi-wavelength fluorescent spectroscopy
- 0240T** Esophageal motility (manometric study of the esophagus and/or gastroesophageal junction) study with interpretation and report; with high-resolution esophageal pressure topography