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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

- 99481 Total body systemic hypothermia in a critically ill neonate per day (List separately in addition to code for primary procedure)
- 99482 Selective head hypothermia in a critically ill neonate per day (List separately in addition to code for primary procedure)
- ▲ 99487 Complex chronic care ~~coordination/management~~ services, with the following required elements:
 - multiple (two or more) chronic conditions expected to last at least 12 months, or until the death of the patient;
 - chronic conditions place the patient at significant risk of death, acute exacerbation/decompensation, or functional decline;
 - establishment or substantial revision of a comprehensive care plan;
 - moderate or high complexity medical decision making;
 - 60 minutes of clinical staff time directed by a physician or other qualified health care professional, per calendar month.
 - first hour of clinical staff time directed by a physician or other qualified health care professional with no face-to-face visit, per calendar month
- 99488 first hour of clinical staff time directed by a physician or other qualified health care professional with one face-to-face visit, per calendar month
- +▲ 99489 each additional 30 minutes of clinical staff time directed by a physician or other qualified health care professional, per calendar month (List separately in addition to code for primary procedure)
- #● 99490 Code added
- 99497 Code added
- +● 99498 Code added

Anesthesia

- 00452 radical surgery
- 00622 thoracolumbar sympathectomy
- 00634 ehemonucleolysis

Surgery

- ▲ 20600 Arthrocentesis, aspiration and/or injection, small joint or bursa (eg, fingers, toes); small joint or bursa (eg, fingers, toes) without ultrasound guidance
- 20604 Code added
- ▲ 20605 Arthrocentesis, aspiration and/or injection, intermediate joint or bursa (eg, temporomandibular, acromioclavicular, wrist, elbow or ankle, olecranon bursa); intermediate joint or bursa (eg, temporomandibular, acromioclavicular, wrist, elbow or ankle, olecranon bursa) without ultrasound guidance
- 20606 Code added
- ▲ 20610 Arthrocentesis, aspiration and/or injection, major joint or bursa (eg, shoulder, hip, knee, subacromial bursa); major joint or bursa (eg, shoulder, hip, knee joint, subacromial bursa) without ultrasound guidance
- 20611 Code added
- ⊙▲ 20982 Ablation; therapy for reduction or eradication of 1 or more bone tumor(s) (tumors (eg, osteoid osteoma, metastasis) radiofrequency including adjacent soft tissue when involved by tumor extension, percutaneous, including computed tomographic guidance imaging guidance when performed; radiofrequency
- ⊙● 20983 Code added
- 21800 Closed treatment of rib fracture, uncomplicated, each
- 21810 Treatment of rib fracture requiring external fixation (flail chest)
- 21811 Code added
- 21812 Code added
- 21813 Code added
- ⊙● 22510 Code added
- ⊙● 22511 Code added
- ⊙+● 22512 Code added
- ⊙● 22513 Code added
- ⊙● 22514 Code added
- ⊙+● 22515 Code added
- 22520 Percutaneous vertebroplasty (bone biopsy included when performed), 1 vertebral body, unilateral or bilateral injection; thoracic
- 22521 lumbar
- 22522 each additional thoracic or lumbar vertebral body (List separately in addition to code for primary procedure)
- 22523 Percutaneous vertebral augmentation, including cavity creation (fracture reduction and bone biopsy included when performed) using mechanical device, 1 vertebral body, unilateral or bilateral cannulation (eg, kyphoplasty); thoracic

Appendix B—Summary of Additions, Deletions, and Revisions

| | | | |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 22524 | lumber | #◎▲ 33263 | dual lead system |
| 22525 | each additional thoracic or lumbar vertebral body (List separately in addition to code for primary procedure) | #◎▲ 33264 | multiple lead system |
| ▲ 22856 | Total disc arthroplasty (artificial disc), anterior approach, including discectomy with end plate preparation (includes osteophyctomy for nerve root or spinal cord decompression and microdissection); <u>single interspace, cervical</u> ; <u>single interspace, cervical</u> | #● 33270 | Code added |
| #+● 22858 | Code added | #● 33271 | Code added |
| ● 27279 | Code added | #● 33272 | Code added |
| ▲ 27280 | Arthrodesis, <u>open</u> , sacroiliac joint, (including obtaining <u>bone graft</u>), <u>including instrumentation, when performed</u> | #● 33273 | Code added |
| ▲ 27370 | Injection <u>procedure of contrast</u> for knee arthrography | 33332 | with shunt bypass |
| 29020 | Application of turnbuckle jacket, body, only | ● 33418 | Code added |
| 29025 | including head | +● 33419 | Code added |
| 29715 | turnbuckle jacket | 33472 | Valvotomy, pulmonary valve, open heart; with inflow occlusion |
| ▲ 33215 | Repositioning of previously implanted transvenous pacemaker or <u>pacing cardioverter-implantable</u> defibrillator (right atrial or right ventricular) electrode | ● 33946 | Code added |
| ◎▲ 33216 | Insertion of a single transvenous electrode, permanent pacemaker or <u>cardioverter-implantable</u> defibrillator | ● 33947 | Code added |
| ◎▲ 33217 | Insertion of 2 transvenous electrodes, permanent pacemaker or <u>cardioverter-implantable</u> defibrillator | ● 33948 | Code added |
| ◎▲ 33218 | Repair of single transvenous electrode, permanent pacemaker or <u>pacing cardioverter-implantable</u> defibrillator | ● 33949 | Code added |
| ◎▲ 33220 | Repair of 2 transvenous electrodes for permanent pacemaker or <u>pacing cardioverter-implantable</u> defibrillator | ● 33951 | Code added |
| ◎▲ 33223 | Relocation of skin pocket for <u>cardioverter-implantable</u> defibrillator | ● 33952 | Code added |
| ▲ 33224 | Insertion of pacing electrode, cardiac venous system, for left ventricular pacing, with attachment to previously placed pacemaker or <u>pacing cardioverter-implantable</u> defibrillator pulse generator (including revision of pocket, removal, insertion, and/or replacement of existing generator) | ● 33953 | Code added |
| +▲ 33225 | Insertion of pacing electrode, cardiac venous system, for left ventricular pacing, at time of insertion of <u>pacing cardioverter-implantable</u> defibrillator or pacemaker pulse generator (eg, for upgrade to dual chamber system) (List separately in addition to code for primary procedure) | ● 33954 | Code added |
| #◎▲ 33230 | with existing dual leads | ● 33955 | Code added |
| #◎▲ 33231 | with existing multiple leads | ● 33956 | Code added |
| ◎▲ 33240 | Insertion of <u>pacing cardioverter-implantable</u> defibrillator pulse generator only; with existing single lead | ● 33956 | Code added |
| ◎▲ 33241 | Removal of <u>pacing cardioverter-implantable</u> defibrillator pulse generator only | ● 33957 | Code added |
| ▲ 33243 | Removal of single or dual chamber <u>pacing cardioverter-implantable</u> defibrillator electrode(s); by thoracotomy | ● 33958 | Code added |
| ◎▲ 33244 | by transvenous extraction | ● 33959 | Code added |
| ◎▲ 33249 | Insertion or replacement of permanent <u>pacing cardioverter-implantable</u> defibrillator system, with transvenous lead(s), single or dual chamber | 33960 | Prolonged extracorporeal circulation for cardiopulmonary insufficiency; initial day |
| #◎▲ 33262 | Removal of <u>pacing cardioverter-implantable</u> defibrillator pulse generator with replacement of <u>pacing cardioverter-implantable</u> defibrillator pulse generator; single lead system | 33961 | each subsequent day |
| | | #● 33962 | Code added |
| | | #● 33963 | Code added |
| | | #● 33964 | Code added |
| | | #● 33965 | Code added |
| | | #● 33966 | Code added |
| | | #● 33969 | Code added |
| | | #● 33984 | Code added |
| | | #● 33985 | Code added |
| | | #● 33986 | Code added |
| | | #+● 33987 | Code added |
| | | #● 33988 | Code added |
| | | #● 33989 | Code added |
| | | ● 34839 | Code added |
| | | 36469 | face |
| | | 36822 | Insertion of cannula(s) for prolonged extracorporeal circulation for cardiopulmonary insufficiency (ECMO) (separate procedure) |
| | | ◎▲ 37215 | Transcatheter placement of intravascular stent(s), cervical carotid artery, <u>open or percutaneous, including angioplasty, when performed, and radiological supervision and interpretation</u> ; with distal embolic protection |
| | | ◎▲ 37216 | without distal embolic protection |

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|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ▲ 37217 | Transcatheter placement of an intravascular stent(s), intrathoracic common carotid artery or innominate artery by retrograde treatment, via open ipsilateral cervical carotid artery exposure, including angioplasty, when performed, and radiological supervision and interpretation | #● 44401 | Code added |
| ● 37218 | Code added | 44397 | with transendoscopic stent placement (includes predilation) |
| ●▲ 37236 | Transcatheter placement of an intravascular stent(s) (except lower extremity artery(s) for occlusive disease, cervical carotid, extracranial vertebral or intrathoracic carotid, intracranial, or coronary), open or percutaneous, including radiological supervision and interpretation and including all angioplasty within the same vessel, when performed; initial artery | ● 44402 | Code added |
| ●+▲ 37237 | each additional artery (List separately in addition to code for primary procedure) | ● 44403 | Code added |
| 42508 | with excision of 1 submandibular gland | ● 44404 | Code added |
| ● 43180 | Code added | ● 44405 | Code added |
| ▲ 43194 | with removal of foreign body(s) | ● 44406 | Code added |
| ▲ 43197 | Esophagoscopy, flexible, transnasal; diagnostic, includes including collection of specimen(s) by brushing or washing, when performed (separate procedure) | ● 44407 | Code added |
| ●▲ 43215 | with removal of foreign body(s) | ● 44408 | Code added |
| ●▲ 43216 | with removal of tumor(s), polyp(s), or other lesion(s) by hot biopsy forceps or bipolar cautery | ▲ 44799 | Unlisted procedure, small intestine |
| ●▲ 43247 | with removal of foreign body(s) | ▲ 45330 | Sigmoidoscopy, flexible; diagnostic, with or without including collection of specimen(s) by brushing or washing, when performed (separate procedure) |
| ●▲ 43250 | with removal of tumor(s), polyp(s), or other lesion(s) by hot biopsy forceps or bipolar cautery | ●▲ 45332 | with removal of foreign body(s) |
| 43350 | Esophagostomy, fistulization of esophagus, external; abdominal approach | ●▲ 45333 | with removal of tumor(s), polyp(s), or other lesion(s) by hot biopsy forceps or bipolar cautery |
| ●▲ 44360 | Small intestinal endoscopy, enteroscopy beyond second portion of duodenum, not including ileum; diagnostic, with or without including collection of specimen(s) by brushing or washing, when performed (separate procedure) | ●▲ 45334 | with control of bleeding, (eg, injection, bipolar cautery, unipolar cautery, laser, heater probe, stapler, plasma coagulator) any method |
| ●▲ 44363 | with removal of foreign body(s) | ●▲ 45337 | with decompression (for pathologic distention) (eg, volvulus, megacolon), including placement of volvulus decompression tube, any method when performed |
| ●▲ 44380 | Ileoscopy, through stoma; diagnostic, with or without including collection of specimen(s) by brushing or washing, when performed (separate procedure) | 45339 | with ablation of tumor(s), polyp(s), or other lesion(s) not amenable to removal by hot biopsy forceps, bipolar cautery or snare technique |
| #● 44381 | Code added | ●▲ 45340 | with dilation by transendoscopic balloon, 1 or more strictures, dilation |
| 44383 | with transendoscopic stent placement (includes predilation) | 45345 | with transendoscopic stent placement (includes predilation) |
| ● 44384 | Code added | #● 45346 | Code added |
| ●▲ 44385 | Endoscopic evaluation of small intestinal pouch (abdominal, eg, Kock pouch, ileal reservoir [S or pelvic]) pouch; diagnostic, with or without including collection of specimen(s) by brushing or washing, when performed (separate procedure) | ● 45347 | Code added |
| ●▲ 44386 | with biopsy, single or multiple | ● 45349 | Code added |
| ●▲ 44388 | Colonoscopy through stoma; diagnostic, with or without including collection of specimen(s) by brushing or washing, when performed (separate procedure) | ● 45350 | Code added |
| ●▲ 44390 | with removal of foreign body(s) | 45355 | Colonoscopy, rigid or flexible, transabdominal via colotomy, single or multiple |
| ●▲ 44391 | with control of bleeding, (eg, injection, bipolar cautery, unipolar cautery, laser, heater probe, stapler, plasma coagulator) any method | ●▲ 45378 | Colonoscopy, flexible, proximal to splenic flexure; diagnostic, with or without including collection of specimen(s) by brushing or washing, with or without colon decompression when performed (separate procedure) |
| ●▲ 44392 | with removal of tumor(s), polyp(s), or other lesion(s) by hot biopsy forceps or bipolar cautery | ●▲ 45379 | with removal of foreign body(s) |
| 44393 | with ablation of tumor(s), polyp(s), or other lesion(s) not amenable to removal by hot biopsy forceps, bipolar cautery or snare technique | ●▲ 45380 | with biopsy, single or multiple |
| | | ●▲ 45381 | with directed submucosal injection(s), any substance |
| | | ●▲ 45382 | with control of bleeding, (eg, injection, bipolar cautery, unipolar cautery, laser, heater probe, stapler, plasma coagulator) any method |
| | | 45383 | with ablation of tumor(s), polyp(s), or other lesion(s) not amenable to removal by hot biopsy forceps, bipolar cautery or snare technique |
| | | ●▲ 45384 | with removal of tumor(s), polyp(s), or other lesion(s) by hot biopsy forceps or bipolar cautery |
| | | ●▲ 45385 | with removal of tumor(s), polyp(s), or other lesion(s) by snare technique |
| | | ●▲ 45386 | with dilation by transendoscopic balloon, 1 or more strictures, dilation |

Appendix B—Summary of Additions, Deletions, and Revisions

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| | 45387 | with transendoscopic stent placement (includes predilatation) |
| # | 45388 | Code added |
| ⊖ | 45389 | Code added |
| # | 45390 | Code added |
| ⊖ | 45391 | with endoscopic ultrasound examination, <u>limited to the rectum, sigmoid, descending, transverse, or ascending colon and cecum, and adjacent structures</u> |
| ⊖ | 45392 | with transendoscopic ultrasound guided intramural or transmural fine needle aspiration/biopsy(s), <u>includes endoscopic ultrasound examination limited to the rectum, sigmoid, descending, transverse, or ascending colon and cecum, and adjacent structures</u> |
| ⊖ | 45393 | Code added |
| # | 45398 | Code added |
| # | 45399 | Code added |
| ▲ | 46600 | Anoscopy; diagnostic, <u>with or without including</u> collection of specimen(s) by brushing or washing, <u>when performed</u> (separate procedure) |
| ● | 46601 | Code added |
| ● | 46607 | Code added |
| ⊖ | 47383 | Code added |
| ● | 52441 | Code added |
| + | 52442 | Code added |
| ▲ | 61055 | with injection of medication or other substance for diagnosis or treatment (eg, C1-C2) |
| | 61334 | with removal of foreign body |
| | 61440 | Craniotomy for section of tentorium cerebelli (separate procedure) |
| | 61470 | for medullary tractotomy |
| | 61490 | Craniotomy for lobotomy, including cingulotomy |
| | 61542 | for total hemispherectomy |
| | 61609 | Transection or ligation, carotid artery in cavernous sinus; without repair (List separately in addition to code for primary procedure) |
| | 61875 | subcortical |
| | 62116 | with simple cranioplasty |
| ▲ | 62284 | Injection procedure for myelography and/or computed tomography, <u>spinal/lumbar</u> (other than C1-C2 and posterior fossa) |
| ● | 62302 | Code added |
| ● | 62303 | Code added |
| ● | 62304 | Code added |
| ● | 62305 | Code added |
| ● | 64486 | Code added |
| ● | 64487 | Code added |
| ● | 64488 | Code added |
| ● | 64489 | Code added |
| | 64752 | vagus nerve (vagotomy), transthoracic |
| | 64761 | pudendal nerve |
| | 64870 | facial-phrenic |
| | 66165 | iridencleisis or iridotaxis |
| ● | 66179 | Code added |

| | | |
|---|--------------|-------------------------------------------------------------|
| ▲ | 66180 | with graft |
| ● | 66184 | Code added |
| ▲ | 66185 | with graft |
| ▲ | 67399 | Unlisted procedure, <u>ocular/extraocular</u> muscle |
| | 69400 | Eustachian tube inflation, transnasal; with catheterization |
| | 69401 | without catheterization |
| | 69405 | Eustachian tube catheterization, transtympanic |

Radiology

| | | |
|---|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | 72291 | Radiological supervision and interpretation, percutaneous vertebroplasty, vertebral augmentation, or sacral augmentation (sacroplasty), including cavity creation, per vertebral body or sacrum; under fluoroscopic guidance |
| | 72292 | under CT guidance |
| | 74291 | additional or repeat examination or multiple day examination |
| ● | 76641 | Code added |
| ● | 76642 | Code added |
| | 76645 | Ultrasound, breast(s) (unilateral or bilateral), real time with image documentation |
| | 76950 | Ultrasonic guidance for placement of radiation therapy fields |
| ● | 77061 | Code added |
| ● | 77062 | Code added |
| + | 77063 | Code added |
| | 77082 | vertebral fracture assessment |
| # | 77085 | Code added |
| # | 77086 | Code added |
| | 77305 | Teletotherapy, isodose plan (whether hand or computer calculated); simple (1 or 2 parallel opposed unmodified ports directed to a single area of interest) |
| ● | 77306 | Code added |
| ● | 77307 | Code added |
| | 77310 | intermediate (3 or more treatment ports directed to a single area of interest) |
| | 77315 | complex (mantle or inverted Y, tangential ports, the use of wedges, compensators, complex blocking, rotational beam, or special beam considerations) |
| ● | 77316 | Code added |
| ● | 77317 | Code added |
| ● | 77318 | Code added |
| | 77326 | Brachytherapy isodose plan; simple (calculation made from single plane, 1 to 4 sources/ribbon application, remote afterloading brachytherapy, 1 to 8 sources) |
| | 77327 | intermediate (multiplane dosage calculations, application involving 5 to 10 sources/ribbons, remote afterloading brachytherapy, 9 to 12 sources) |
| | 77328 | complex (multiplane isodose plan, volume implant calculations, over 10 sources/ribbons used, special spatial reconstruction, remote afterloading brachytherapy, over 12 sources) |
| ▲ | 77401 | Radiation treatment delivery, superficial and/or ortho voltage, <u>per day</u> |
| ▲ | 77402 | Radiation treatment delivery; single treatment area, single port or parallel opposed ports, <u>simple blocks or no blocks</u> ≥ 1 MeV; up to 5 MeV <u>simple</u> |

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|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------------|
| 77403 | 6-10 MeV | #● 80321 | Code added |
| 77404 | 11-19 MeV | #● 80322 | Code added |
| 77406 | 20 MeV or greater | #● 80323 | Code added |
| ▲ 77407 | up to 5 MeV <u>intermediate</u> | #● 80324 | Code added |
| 77408 | 6-10 MeV | #● 80325 | Code added |
| 77409 | 11-19 MeV | #● 80326 | Code added |
| 77411 | 20 MeV or greater | #● 80327 | Code added |
| ▲ 77412 | up to 5 MeV <u>complex</u> | #● 80328 | Code added |
| 77413 | 6-10 MeV | #● 80329 | Code added |
| 77414 | 11-19 MeV | #● 80330 | Code added |
| 77416 | 20 MeV or greater | #● 80331 | Code added |
| 77418 | Intensity modulated treatment delivery, single or multiple fields/ arcs, via narrow spatially and temporally modulated beams, binary, dynamic MLC, per treatment session | #● 80332 | Code added |
| 77421 | Stereoscopic X-ray guidance for localization of target volume for the delivery of radiation therapy | #● 80333 | Code added |
| #● 77385 | Code added | #● 80334 | Code added |
| #● 77386 | Code added | #● 80335 | Code added |
| #● 77387 | Code added | #● 80336 | Code added |
| | | #● 80337 | Code added |
| | | #● 80338 | Code added |
| | | #● 80339 | Code added |
| | | #● 80340 | Code added |
| | | #● 80341 | Code added |
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| | | #● 80350 | Code added |
| | | #● 80351 | Code added |
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| | | #● 80358 | Code added |
| | | #● 80359 | Code added |
| | | #● 80360 | Code added |
| | | #● 80361 | Code added |
| | | #● 80362 | Code added |
| | | #● 80363 | Code added |
| | | #● 80364 | Code added |
| | | #● 80365 | Code added |
| | | #● 80366 | Code added |
| | | #● 80367 | Code added |

Pathology and Laboratory

| | | | |
|-----------------|----------------------------------------------------------------------------------------|--|--|
| 80100 | Drug screen, qualitative; multiple drug classes chromatographic method, each procedure | | |
| 80101 | single drug class method (eg, immunoassay, enzyme assay); each drug class | | |
| 80102 | Drug confirmation, each procedure | | |
| 80103 | Tissue preparation for drug analysis | | |
| 80104 | multiple drug classes other than chromatographic method; each procedure | | |
| 80152 | Amitriptyline | | |
| 80154 | Benzodiazepines | | |
| 80160 | Desipramine | | |
| ▲ 80162 | Digoxin; <u>total</u> | | |
| ● 80163 | Code added | | |
| ▲ 80164 | Dipropylacetic <u>Valproic acid (valproic acid)</u> ; <u>total</u> | | |
| ● 80165 | Code added | | |
| 80166 | Doxepin | | |
| ▲ 80171 | Gabapentin, <u>whole blood, serum, or plasma</u> | | |
| 80172 | Gold | | |
| 80174 | Imipramine | | |
| 80182 | Nortriptyline | | |
| 80196 | Salicylate | | |
| ▲ 80299 | Quantitation of <u>therapeutic drug</u> , not elsewhere specified | | |
| #● 80300 | Code added | | |
| #● 80301 | Code added | | |
| #● 80302 | Code added | | |
| #● 80303 | Code added | | |
| #● 80304 | Code added | | |
| #● 80320 | Code added | | |

Appendix B—Summary of Additions, Deletions, and Revisions

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| #● 80368 | Code added | | |
| #● 80369 | Code added | | |
| #● 80370 | Code added | ▲ 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) |
| #● 80371 | Code added | | |
| #● 80372 | Code added | | |
| #● 80373 | Code added | | |
| #● 80374 | Code added | | |
| #● 80375 | Code added | | |
| #● 80376 | Code added | | |
| #● 80377 | Code added | | |
| 80440 | for hyperprolactinemia | | |
| | This panel must include the following: | | |
| | Prolactin (84146 x 3) | | |
| ▲ 81245 | <i>FLT3 (fms-related tyrosine kinase 3)</i> (eg, acute myeloid leukemia), gene analysis; <u>internal tandem duplication (ITD) variants (ie, exons 14, 15); internal tandem duplication (ITD) variants (ie, exons 14, 15)</u> | | |
| ● 81246 | Code added | | |
| #● 81288 | Code added | | |
| ● 81313 | Code added | | |
| ▲ 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]) <u>Chromosome 1p-/19q-</u> (eg, glial tumors), <u>deletion analysis</u> | | |
| ▲ 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) <u>Human erythrocyte antigen gene analyses (eg, <i>SLC14A1</i> [Kidd blood group], <i>BCAM</i> [Lutheran blood group], <i>ICAM4</i> [Landsteiner-Viener blood group], <i>SLCAA1</i> [Diego blood group], <i>AQP1</i> [Colton blood group], <i>ERMAP</i> [Scianna blood group], <i>RHCE</i> [Rh blood group], <i>CcEe</i> antigens], <i>KEL</i> [Kell blood group], <i>DARC</i> [Duffy blood group], <i>GYP A</i>, <i>GYP B</i>, <i>GYPE</i> [MNS blood group], <i>ART4</i> [Dombrock blood group])</u> (eg, sickle-cell disease, thalassemia, hemolytic transfusion reactions, hemolytic disease of the fetus or newborn), <u>common variants</u> <u><i>RHD</i> (Rh blood group, <i>D</i> antigen)</u> (eg, hemolytic disease of the fetus and newborn, Rh maternal/fetal compatibility), <u>deletion analysis (eg, exons 4, 5, and 7, pseudogene)</u> <u><i>RHD</i> (Rh blood group, <i>D</i> antigen)</u> (eg, hemolytic disease of the fetus and newborn, Rh maternal/fetal compatibility), <u>deletion analysis (eg, exons 4, 5, and 7, pseudogene), performed on cell-free fetal DNA in maternal blood</u> (For human erythrocyte gene analysis of RHD, use a separate unit of 81403) | | |
| ▲ 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) <u><i>MPV17</i> (Mpv17 mitochondrial inner membrane protein)</u> (eg, <u>mitochondrial DNA depletion syndrome</u>), <u>duplication/deletion analysis</u> | | |
| | | | <i>PIK3CA</i> (phosphatidylinositol-4,5-bisphosphate 3-kinase, catalytic subunit alpha) (eg, colorectal cancer) targeted sequence analysis (eg, exon 9 and 20) |
| | | | Cytogenomic constitutional targeted microarray analysis of the X-chromosome by interrogation of genomic regions for copy number and single nucleotide polymorphism (SNP) variants for chromosomal abnormalities (When performing genome-wide cytogenomic constitutional microarray analysis, see 81228, 81229) (Do not report analyte-specific molecular pathology procedures separately when the specific analytes are included as part of the microarray analysis of the X-chromosome) (Do not report 88271 when performing cytogenomic microarray analysis) |
| | | | Mitochondrial genome deletions (eg, Kearns-Sayre syndrome [KSS], chronic progressive external ophthalmoplegia [CPEO], Pearson syndrome), deletion analysis, and duplication analysis, if performed |
| | | ● 81410 | Code added |
| | | ● 81411 | Code added |
| | | ● 81415 | Code added |
| | | +● 81416 | Code added |
| | | ● 81417 | Code added |
| | | ● 81420 | Code added |
| | | ● 81425 | Code added |
| | | +● 81426 | Code added |
| | | ● 81427 | Code added |
| | | ● 81430 | Code added |
| | | ● 81431 | Code added |
| | | ● 81435 | Code added |
| | | ● 81436 | Code added |
| | | ● 81440 | Code added |
| | | ● 81445 | Code added |
| | | ● 81450 | Code added |
| | | ● 81455 | Code added |
| | | ● 81460 | Code added |
| | | ● 81465 | Code added |
| | | ● 81470 | Code added |
| | | ● 81471 | Code added |
| | | ● 81519 | Code added |
| | | 82000 | Acetaldehyde, blood |
| | | 82003 | Acetaminophen |
| | | 82055 | Alcohol (ethanol); any specimen except breath |
| | | 82101 | Alkaloids, urine, quantitative |
| | | 82145 | Amphetamine or methamphetamine |
| | | 82205 | Barbiturates, not elsewhere specified |
| | | 82520 | Cocaine or metabolite |

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|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ▲ 82541 | Column chromatography/mass spectrometry (eg, GC/MS, or HPLC/MS), <u>non-drug</u> analyte not elsewhere specified; qualitative, single stationary and mobile phase | ● 87505 | Code added |
| ▲ 82542 | quantitative, single stationary and mobile phase | ● 87506 | Code added |
| ▲ 82543 | stable isotope dilution, single analyte, quantitative, single stationary and mobile phase | ● 87507 | Code added |
| ▲ 82544 | stable isotope dilution, multiple analytes, quantitative, single stationary and mobile phase | 87620 | papillomavirus, human, direct probe technique |
| 82646 | Dihydrocodeinone | 87621 | papillomavirus, human, amplified probe technique |
| 82649 | Dihydromorphinone | 87622 | papillomavirus, human, quantification |
| 82651 | Dihydrotestosterone (DHT) | #● 87623 | Code added |
| 82654 | Dimethadione | #● 87624 | Code added |
| 82666 | Epiandrosterone | #● 87625 | Code added |
| 82690 | Ethchlorvynol | ▲ 87631 | respiratory virus (eg, adenovirus, influenza virus, coronavirus, metapneumovirus, parainfluenza virus, respiratory syncytial virus, rhinovirus), <u>includes</u> multiplex reverse transcription, <u>when performed</u> , and <u>multiplex</u> amplified probe technique, multiple types or subtypes, 3-5 targets |
| 82742 | Flurazepam | ▲ 87632 | respiratory virus (eg, adenovirus, influenza virus, coronavirus, metapneumovirus, parainfluenza virus, respiratory syncytial virus, rhinovirus), <u>includes</u> multiplex reverse transcription, <u>when performed</u> , and <u>multiplex</u> amplified probe technique, multiple types or subtypes, 6-11 targets |
| 82953 | tolbutamide tolerance test | ▲ 87633 | respiratory virus (eg, adenovirus, influenza virus, coronavirus, metapneumovirus, parainfluenza virus, respiratory syncytial virus, rhinovirus), <u>includes</u> multiplex reverse transcription, <u>when performed</u> , and <u>multiplex</u> amplified probe technique, multiple types or subtypes, 12-25 targets |
| 82975 | Glutamine (glutamic acid amide) | #● 87806 | Code added |
| 82980 | Glutethimide | #+● 88341 | Code added |
| ● 83006 | Code added | ▲ 88342 | Immunohistochemistry or immunocytochemistry, <u>each separately identifiable antibody per block</u> , cytologic preparation, or hematologic smears specimen; <u>first separately identifiable initial single antibody per slide stain procedure</u> |
| 83008 | Guanosine monophosphate (GMP), cyclic | 88343 | <u>each additional separately identifiable antibody per slide</u> (List separately in addition to code for primary procedure) |
| 83055 | sulfhemoglobin, qualitative | ● 88344 | Code added |
| 83071 | quantitative | 88349 | scanning |
| 83634 | quantitative | ▲ 88360 | Morphometric analysis, tumor immunohistochemistry (eg, Her-2/neu, estrogen receptor/progesterone receptor), quantitative or semiquantitative, <u>per specimen</u> , <u>each single antibody stain procedure</u> ; manual |
| 83805 | Meprobamate | ▲ 88361 | using computer-assisted technology |
| 83840 | Methadone | #+● 88364 | Code added |
| 83858 | Methsuximide | ▲ 88365 | In situ hybridization (eg, FISH), <u>each probe per specimen</u> ; <u>initial single probe stain procedure</u> |
| 83866 | screen | ● 88366 | Code added |
| 83887 | Nicotine | ▲ 88367 | Morphometric analysis, in situ hybridization (quantitative or semi-quantitative) <u>each probe, using computer-assisted technology, per specimen</u> ; <u>using computer-assisted technology initial single probe stain procedure</u> |
| 83925 | Opiate(s), drug and metabolites, each procedure | ▲ 88368 | Morphometric analysis, in situ hybridization (quantitative or semi-quantitative) <u>each probe, manual, per specimen</u> ; <u>manual initial single probe stain procedure</u> |
| 84022 | Phenothiazine | +● 88369 | Code added |
| 84127 | qualitative | #+● 88373 | Code added |
| ▲ 84600 | Volatiles (eg, acetic anhydride, carbon tetrachloride, dichloroethane, dichloromethane, diethylether, isopropyl alcohol, methanol) | #● 88374 | Code added |
| ▲ 86900 | Blood typing, <u>serologic</u> ; ABO | #● 88377 | Code added |
| ▲ 86901 | Rh (D) | ● 89337 | Code added |
| ▲ 86902 | antigen testing of donor blood using reagent serum, each antigen test | | |
| ▲ 86904 | antigen screening for compatible unit using patient serum, per unit screened | | |
| ▲ 86905 | RBC antigens, other than ABO or Rh (D), each | | |
| ▲ 86906 | Rh phenotyping, complete | | |
| 87001 | Animal inoculation, small animal; with observation | | |
| ▲ 87501 | influenza virus, <u>includes</u> reverse transcription, <u>when performed</u> , and amplified probe technique, each type or subtype | | |
| ▲ 87502 | influenza virus, for multiple types or sub-types, <u>includes</u> multiplex reverse transcription and <u>multiplex</u> amplified probe technique, first 2 types or sub-types | | |
| +▲ 87503 | influenza virus, for multiple types or sub-types, <u>includes</u> multiplex reverse transcription and <u>multiplex</u> amplified probe technique, each additional influenza virus type or sub-type beyond 2 (List separately in addition to code for primary procedure) | | |

Medicine

- # **90630** Code added
- # **90651** Code added
- ▲ **90654** Influenza virus vaccine, trivalent (IIV3), split virus, preservative-free, for intradermal use
- ▲ **90721** Diphtheria, tetanus toxoids, and acellular pertussis vaccine and Hemophilus influenza B vaccine (DtaP-Hib)(DTaP/Hib), for intramuscular use
- ▲ **90723** Diphtheria, tetanus toxoids, acellular pertussis vaccine, Hepatitishepatitis B, and inactivated poliovirus vaccine—inactivated (DtaP-HepB-IPV) (DTaP-HepB-IPV), for intramuscular use
- ▲ **90734** Meningococcal conjugate vaccine, serogroups A, C, Y and W-135-(tetravalent), quadrivalent, for intramuscular use
- **91200** Code added
- **92145** Code added
- # ● **93260** Code added
- # ● **93261** Code added
- ▲ **93282** single lead transvenous implantable cardioverter-defibrillator system
- ▲ **93283** dual lead transvenous implantable cardioverter-defibrillator system
- ▲ **93284** multiple lead transvenous implantable cardioverter-defibrillator system
- ▲ **93287** single, dual, or multiple lead implantable cardioverter-defibrillator system
- ▲ **93289** single, dual, or multiple lead transvenous implantable cardioverter-defibrillator system, including analysis of heart rhythm derived data elements
- ▲ **93295** single, dual, or multiple lead implantable cardioverter-defibrillator system with interim analysis, review(s) and report(s) by a physician or other qualified health care professional
- ▲ **93296** single, dual, or multiple lead pacemaker system or implantable cardioverter-defibrillator system, remote data acquisition(s), receipt of transmissions and technician review, technical support and distribution of results
- **93355** Code added
- ⊙ ▲ **93642** Electrophysiologic evaluation of single or dual chamber transvenous pacing cardioverter-defibrillator (includes defibrillation threshold evaluation, induction of arrhythmia, evaluation of sensing and pacing for arrhythmia termination, and programming or reprogramming of sensing or therapeutic parameters)
- ⊙ ● **93644** Code added
- **93702** Code added
- **93895** Code added
- ▲ **95972** complex spinal cord, or peripheral (ie, peripheral nerve, sacral nerve, neuromuscular) (except cranial nerve) neurostimulator pulse generator/transmitter, with intraoperative or subsequent programming, first up to 1 hour
- ▲ **96110** Developmental screening (eg, developmental milestone survey, speech and language delay screen), with interpretationscoring and reportdocumentation, per standardized instrument form
- **96127** Code added

- ▲ **97605** Negative pressure wound therapy (eg, vacuum assisted drainage collection), utilizing durable medical equipment (DME), including topical application(s), wound assessment, and instruction(s) for ongoing care, per session; total wound(s) surface area less than or equal to 50 square centimeters
- ▲ **97606** total wound(s) surface area greater than 50 square centimeters
- **97607** Code added
- **97608** Code added
- **99184** Code added
- **99188** Code added

Category II Codes

- ▲ **1040F** DSM-5 criteria for major depressive disorder documented at the initial evaluation (MDD, MDD ADOL)¹
- 3125F** Esophageal biopsy report with a statement about dysplasia (present, absent, or indefinite) (PATH)⁹
- **3126F** Code added
- **3775F** Code added
- **3776F** Code added

Category III Codes

- 0059T** oocyte(s)
- 0073T** Compensator-based beam modulation treatment delivery of inverse planned treatment using 3 or more high resolution (milled or cast) compensator convergent beam modulated fields, per-treatment session
- ▲ **0075T** Transcatheter placement of extracranial vertebral or intrathoracic carotid artery stent(s), including radiologic supervision and interpretation, open or percutaneous; initial vessel
- +▲ **0076T** each additional vessel (List separately in addition to code for primary procedure)
- 0092T** Total disc arthroplasty (artificial disc), anterior approach, including discectomy with end plate preparation (includes osteophyctectomy for nerve root or spinal cord decompression and microdissection), each additional interspace, cervical (List separately in addition to code for primary procedure)
- 0181T** Corneal hysteresis determination, by air impulse stimulation, bilateral, with interpretation and report
- ▲ **0191T** Insertion of anterior segment aqueous drainage device, without extraocular reservoir, internal approach, into the trabecular meshwork; internal approach, into the trabecular meshworkinitial insertion
- 0197T** Intra-fraction localization and tracking of target or patient motion during delivery of radiation therapy (eg, 3D positional tracking, gating, 3D surface tracking), each fraction of treatment
- 0199T** Physiologic recording of tremor using accelerometer(s) and/or gyroscope(s) (including frequency and amplitude), including interpretation and report
- ⊙ ▲ **0200T** Percutaneous sacral augmentation (sacroplasty), unilateral injection(s), including the use of a balloon or mechanical device, when used, 1 or more needles, includes imaging guidance and bone biopsy, when performed
- ⊙ ▲ **0201T** Percutaneous sacral augmentation (sacroplasty), bilateral injections, including the use of a balloon or mechanical device, when used, 2 or more needles, includes imaging guidance and bone biopsy, when performed

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|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|------------|
| 0226T | Anoscopy, high resolution (HRA) (with magnification and chemical agent enhancement); diagnostic, including collection of specimen(s) by brushing or washing when performed | ● 0347T | Code added |
| 0227T | with biopsies) | ● 0348T | Code added |
| 0239T | Bioimpedance spectroscopy (BIS), measuring 100 frequencies or greater, direct measurement of extracellular fluid differences between the limbs | ● 0349T | Code added |
| 0245T | Open Treatment of rib fracture requiring internal fixation, unilateral; 1-2 ribs | ● 0350T | Code added |
| 0246T | 3-4 ribs | ● 0351T | Code added |
| 0247T | 5-6 ribs | ● 0352T | Code added |
| 0248T | 7 or more ribs | ● 0353T | Code added |
| #▲ 0253T | Insertion of anterior segment aqueous drainage device, without extraocular reservoir, <u>internal approach, into the suprachoroidal space</u> internal approach, into the suprachoroidal space | ● 0354T | Code added |
| 0319T | Insertion or replacement of subcutaneous implantable defibrillator system with subcutaneous electrode | ● 0355T | Code added |
| 0320T | Insertion of subcutaneous defibrillator electrode | ● 0356T | Code added |
| 0321T | Insertion of subcutaneous implantable defibrillator pulse generator only with existing subcutaneous electrode | #● 0357T | Code added |
| 0322T | Removal of subcutaneous implantable defibrillator pulse generator only | ● 0358T | Code added |
| 0323T | Removal of subcutaneous implantable defibrillator pulse generator with replacement of subcutaneous implantable defibrillator pulse generator only | ● 0359T | Code added |
| 0324T | Removal of subcutaneous defibrillator electrode | ● 0360T | Code added |
| 0325T | Repositioning of subcutaneous implantable defibrillator electrode and/or pulse generator | +● 0361T | Code added |
| 0326T | Electrophysiologic evaluation of subcutaneous implantable defibrillator (includes defibrillation threshold evaluation, induction of arrhythmia, evaluation of sensing for arrhythmia termination, and programming or reprogramming of sensing or therapeutic parameters) | ● 0362T | Code added |
| 0327T | Interrogation device evaluation (in person) with analysis, review and report, includes connection, recording and disconnection per patient encounter, implantable subcutaneous lead defibrillator system | +● 0363T | Code added |
| 0328T | Programming device evaluation (in person) with iterative adjustment of the implantable device to test the function of the device and select optimal permanent programmed values with analysis, implantable subcutaneous lead defibrillator system | ● 0364T | Code added |
| 0334T | Sacroiliac joint stabilization for arthrodesis, percutaneous or minimally invasive (indirect visualization), includes obtaining and applying autograft or allograft (structural or morselized), when performed; includes image guidance when performed (eg, CT or fluoroscopic) | +● 0365T | Code added |
| ⊙● 0340T | Code added | ● 0366T | Code added |
| ● 0341T | Code added | +● 0367T | Code added |
| ● 0342T | Code added | ● 0368T | Code added |
| 0343T | Transcatheter mitral valve repair percutaneous approach including transeptal puncture when performed; initial prosthesis | ● 0369T | Code added |
| 0344T | additional prosthesis (es) during same session (List separately in addition to code for primary procedure) | ● 0370T | Code added |
| ● 0345T | Code added | ● 0371T | Code added |
| +● 0346T | Code added | ● 0372T | Code added |
| | | ● 0373T | Code added |
| | | +● 0374T | Code added |
| | | ● 0375T | Code added |
| | | #+● 0376T | Code added |
| | | ● 0377T | Code added |
| | | ● 0378T | Code added |
| | | ● 0379T | Code added |
| | | ● 0380T | Code added |