# **Boston University Medical Group**

2022 CPT Code Changes Reference Guide



#### Background

Current Procedural Terminology (CPT) was created by the American Medical Association (AMA) in 1966. It is designed to be a means of effective and dependable communication among physicians, patients, and third-party payers. CPT provides a uniform coding scheme that accurately describes medical, surgical, and diagnostic services. CPT is used for public and private reimbursement systems; development of guidelines for medical care review; as a basis for local, regional, and national utilization comparisons; and medical education and research.

CPT Category I codes describe procedures and services that are consistent with contemporary medical practice. Category I codes are five-digit numeric codes. CPT Category II codes facilitate data collection for certain services and test results that contribute to positive health outcomes and quality patient care. These codes are optional and used for performance management. They are alphanumeric five-digit codes with the alpha character F in the last position. CPT Category III codes represent emerging technologies. They are alphanumeric five-digit codes with the alpha character T in the last position.

The CPT Editorial Panel, appointed by the AMA Board of Trustees, is responsible for maintaining and updating the CPT code set.

#### Purpose

The AMA makes annual updates to the CPT code set, effective January 1. These updates include deleted codes, revised codes, and new codes. It's important for providers to understand the code changes and the impact those changes will have to systems, workflow, reimbursement, and RVUs. This document is meant to assist you with this by providing a summary of the changes and a detailed breakdown of this year's CPT changes by specialty, for your reference. Please review this information in detail and direct any questions to Revenue Integrity.

#### Contents

| Background   | 2  |
|--|----|
| Purpose  | 2  |
| Summary of CPT Code Changes                          | 5  |
| Anesthesia – Radiological Procedures                 | 6  |
| Audiology  | 6  |
| Cardiology   | 7  |
| Education and Training for Patient Self - Management | 9  |
| Gastroenterology                                     | 11 |
| Hematology & Oncology                                | 11 |
| Neurology  | 12 |
| Ophthalmology  | 14 |
| Otolaryngology                                       | 14 |
| Pathology & Laboratory                               | 15 |
| Physical & Occupational Therapy                      | 19 |
| Pulmonary  | 20 |
| Radiology  | 20 |
| Radiology – MRI                                      | 22 |
| Surgery  | 23 |
| Surgery – Cardiovascular                             | 23 |
| Surgery – Digestive System                           | 26 |
| Surgery – Integumentary                              | 27 |
| Surgery – Maternity Care and Delivery                | 27 |
| Surgery – Male Genital                               | 27 |
| Surgery – Ophthalmology                              | 28 |
| Surgery – Orthopaedic                                | 30 |
| Surgery – Otolaryngology                             | 31 |

| urgery – Urology | 32 |
|------------------|----|
| /accines         | 33 |

#### Summary of CPT Code Changes

| Total CPT Changes (from AMA file)              |     |
|--|-----|
| Crosswalk (deleted with replacement code(s))   | 24  |
| Straight deleted (deleted with no replacement) | 34  |
| New  | 150 |
| Material revision of description               | 40  |

<sup>\*</sup>All newly added and newly revised codes have an effective date 01/1/2022

| CPT Cat III | #  |
|-------------|----|
| Add         | 43 |
| Deleted     | 26 |
| Revision    | 6  |

# Anesthesia – Radiological Procedures

|       | New   |                    |
|-------|---|--------------------|
| СРТ   | 2022 Description  | wRVU 2022<br>Added |
| 01937 | Anesthesia for percutaneous image-guided injection, drainage or aspiration procedures on the spine or spinal cord; cervical or thoracic                                   | 0.00               |
| 01938 | Anesthesia for percutaneous image-guided injection, drainage or aspiration procedures on the spine or spinal cord; lumbar or sacral                                       | 0.00               |
| 01939 | Anesthesia for percutaneous image-guided destruction procedures by neurolytic agent on the spine or spinal cord; cervical or thoracic                                     | 0.00               |
| 01940 | Anesthesia for percutaneous image-guided destruction procedures by neurolytic agent on the spine or spinal cord; lumbar or sacral   | 0.00               |
| 01941 | Anesthesia for percutaneous image-guided neuromodulation or intravertebral procedures (eg, kyphoplasty, vertebroplasty) on the spine or spinal cord; cervical or thoracic | 0.00               |
| 01942 | Anesthesia for percutaneous image-guided neuromodulation or intravertebral procedures (eg, kyphoplasty, vertebroplasty) on the spine or spinal cord; lumbar or sacral     | 0.00               |

|       | Crosswalk: Deleted with Replacement Code  |                            |                            |  |  |  |
|-------|---|----------------------------|----------------------------|--|--|--|
|       | Deleted   |                            |                            | Replacement                              |  |  |
| СРТ   | 2021 Description  | FY '21<br>Volume<br>Impact | FY '21<br>Charge<br>Impact | CPT(s)                                   |  |  |
| 01935 | Anesthesia for percutaneous image guided procedures on the spine and spinal cord; diagnostic  | 0.00%                      | 0.00%                      | 01937, 01938, 01939, 01940, 01941, 01942 |  |  |
| 01936 | Anesthesia for percutaneous image guided procedures on the spine and spinal cord; therapeutic | 0.00%                      | 0.00%                      | 01937, 01938, 01939, 01940, 01941, 01942 |  |  |

#### Audiology

|       | Crosswalk: Deleted with Replacement Code |        |               |             |
|-------|--|--------|---------------|-------------|
|       | Deleted                                  |        |               | Replacement |
| CDT   |  |        | FY '21 Charge | on=( )      |
| СРТ   | T 2021 Description                       | Volume | Impact        | CPT(s)      |
|       |  | Impact | •             |             |
| 92559 | Audiometric testing of groups            | 0.00%  | 0.00%         | 92700       |
| 92560 | Bekesy audiometry; screening             | 0.00%  | 0.00%         | 92700       |
| 92561 | Bekesy audiometry; diagnostic            | 0.00%  | 0.00%         | 92700       |
| 92564 | Short increment sensitivity index (SISI) | 0.00%  | 0.00%         | 92700       |

#### Cardiology

|       | New   |                    |
|-------|---|--------------------|
| СРТ   | 2022 Description  | wRVU 2022<br>Added |
| 0683T | Programming device evaluation (in-person) with iterative adjustment of the implantable device to test the function of the device and select optimal permanent programmed values with analysis, review and report by a physician or other qualified health care professional, permanent implantable synchronized diaphragmatic stimulation system for augmentation of cardiac function | 0.00               |
| 0684T | Peri-procedural device evaluation (in-person) and programming of device system parameters before or after a surgery, procedure, or test with analysis, review, and report by a physician or other qualified health care professional, permanent implantable synchronized diaphragmatic stimulation system for augmentation of cardiac function  | 0.00               |
| 0685T | Interrogation device evaluation (in-person) with analysis, review and report by a physician or other qualified health care professional, including connection, recording and disconnection per patient encounter, permanent implantable synchronized diaphragmatic stimulation system for augmentation of cardiac function  | 0.00               |
| 0696T | Body surface-activation mapping of pacemaker or pacing cardioverter-defibrillator lead(s) to optimize electrical synchrony, cardiac resynchronization therapy device, including connection, recording, disconnection, review, and report; at time of follow-up interrogation or programming device evaluation   | 0.00               |

|       | Material Revision   |   |              |                            |                             |  |
|-------|---|---|--------------|----------------------------|-----------------------------|--|
| СРТ   | 2022 Description  | Scope of Revision   | wRVU<br>2022 | FY '21<br>Volume<br>Impact | FY '21<br>Charges<br>Impact |  |
| 93653 | Comprehensive electrophysiologic evaluation with insertion and repositioning of multiple electrode catheters, induction or attempted induction of an arrhythmia with right atrial pacing and recording and catheter ablation of arrhythmogenic focus, including intracardiac electrophysiologic 3-dimensional mapping, right ventricular pacing and recording, left atrial pacing and recording from coronary sinus or left atrium, and His bundle recording, when performed; with treatment of supraventricular tachycardia by ablation of fast or slow atrioventricular pathway, accessory atrioventricular connection, cavo-tricuspid isthmus or other single atrial focus or source of atrial reentry | "(when necessary)" and "(when necessary) with intracardiac" was removed; and "including intracardiac electrophysiologic 3-dimensional mapping,", "left atrial placing and recording from coronary sinus or left atrium," and "when performed" was added for the 2022 description. | 14.75        | 0.01%                      | 0.06%                       |  |

|       |  | Material Revision   |              |                            |                             |
|-------|--|---|--------------|----------------------------|-----------------------------|
| СРТ   | 2022 Description   | Scope of Revision   | wRVU<br>2022 | FY '21<br>Volume<br>Impact | FY '21<br>Charges<br>Impact |
| 93654 | Comprehensive electrophysiologic evaluation with insertion and repositioning of multiple electrode catheters, induction or attempted induction of an arrhythmia with right atrial pacing and recording and catheter ablation of arrhythmogenic focus, including intracardiac electrophysiologic 3-dimensional mapping, right ventricular pacing and recording, left atrial pacing and recording from coronary sinus or left atrium, and His bundle recording, when performed; with treatment of ventricular tachycardia or focus of ventricular ectopy including left ventricular pacing and recording, when performed | "right ventricle pacing and recording when performed" was replaced with "right ventricle pacing and recording", HIS bundle recording (when necessary) with intracardiac catheter ablation of arrhythmogenic focus" was replaced with "His bundle recording, when performed; with treatment of ventricle tachycardia or focus" for the 2022 description. | 19.75        | 0.00%                      | 0.02%                       |
| 93656 | Comprehensive electrophysiologic evaluation including trans septal catheterizations, insertion and repositioning of multiple electrode catheters with intracardiac catheter ablation of atrial fibrillation by pulmonary vein isolation, including intracardiac electrophysiologic 3-dimensional mapping, intracardiac echocardiography including imaging supervision and interpretation, induction or attempted induction of an arrhythmia including left or right atrial pacing/recording, right ventricular pacing/recording, and His bundle recording, when performed  | "when necessary," was removed, and "including intracardiac electrophysiologic 3-dimensional mapping, intracardiac echocardiography including imaging supervision and interpretation, induction or attempted induction of an arrhythmia including left or right atrial pacing/recording," and "when performed" was added for the 2022 description.       | 19.77        | 0.00%                      | 0.04%                       |

|       | Crosswalk: Deleted with Replacement Code   |        |            |             |  |
|-------|--|--------|------------|-------------|--|
|       | Deleted  |        |            | Replacement |  |
|       |  | FY '21 | FY '21     |             |  |
| CPT   | 2021 Description   | Volume | Charge     | CPT(s)      |  |
|       |  | Impact | Impact     |             |  |
| 93561 | Indicator dilution studies such as dye or thermodilution, including arterial and/or venous | 0.00%  | 0.00%      | 93598       |  |
| 33301 | catheterization; with cardiac output measurement (separate procedure)                      | 0.0070 | 0.0076     | 33336       |  |
| 93562 | Indicator dilution studies such as dye or thermodilution, including arterial and/or venous | 0.00%  | .00% 0.00% | 93598       |  |
| 93302 | catheterization; subsequent measurement of cardiac output                                  | 0.00%  | 0.00%      | 33330       |  |

#### Education and Training for Patient Self - Management

|       | New  |                    |
|-------|--|--------------------|
| СРТ   | 2022 Description   | wRVU 2022<br>Added |
| 98975 | Remote therapeutic monitoring (eg, respiratory system status, musculoskeletal system status, therapy adherence, therapy response); initial set-up and patient education on use of equipment  | 0.00               |
| 98976 | Remote therapeutic monitoring (eg, respiratory system status, musculoskeletal system status, therapy adherence, therapy response); device(s) supply with scheduled (eg, daily) recording(s) and/or programmed alert(s) transmission to monitor respiratory system, each 30 days  | 0.00               |
| 98977 | Remote therapeutic monitoring (eg, respiratory system status, musculoskeletal system status, therapy adherence, therapy response); device(s) supply with scheduled (eg, daily) recording(s) and/or programmed alert(s) transmission to monitor musculoskeletal system, each 30 days  | 0.00               |
| 98980 | Remote therapeutic monitoring treatment management services, physician or other qualified health care professional time in a calendar month requiring at least one interactive communication with the patient or caregiver during the calendar month; first 20 minutes   | 0.62               |
| 98981 | Remote therapeutic monitoring treatment management services, physician or other qualified health care professional time in a calendar month requiring at least one interactive communication with the patient or caregiver during the calendar month; each additional 20 minutes (List separately in addition to code for primary procedure) | 0.61               |
| 0702T | Remote therapeutic monitoring of a standardized online digital cognitive behavioral therapy program ordered by a physician or other qualified health care professional; supply and technical support, per 30 days  | 0.00               |
| 0703T | Remote therapeutic monitoring of a standardized online digital cognitive behavioral therapy program ordered by a physician or other qualified health care professional; management services by physician or other qualified health care professional, per calendar month   | 0.00               |

# Evaluation & Management

|       | New   |                    |
|-------|---|--------------------|
| СРТ   | 2022 Description  | wRVU 2022<br>Added |
| 99424 | Principal care management services, for a single high-risk disease, with the following required elements: one complex chronic condition expected to last at least 3 months, and that places the patient at significant risk of hospitalization, acute exacerbation/decompensation, functional decline, or death, the condition requires development, monitoring, or revision of disease-specific care plan, the condition requires frequent adjustments in the medication regimen and/or the management of the condition is unusually complex due to comorbidities, ongoing communication and care coordination between relevant practitioners furnishing care; first 30 minutes provided personally by a physician or other qualified health care professional, per calendar month.  | 1.45               |
| 99425 | Principal care management services, for a single high-risk disease, with the following required elements: one complex chronic condition expected to last at least 3 months, and that places the patient at significant risk of hospitalization, acute exacerbation/decompensation, functional decline, or death, the condition requires development, monitoring, or revision of disease-specific care plan, the condition requires frequent adjustments in the medication regimen and/or the management of the condition is unusually complex due to comorbidities, ongoing communication and care coordination between relevant practitioners furnishing care; each additional 30 minutes provided personally by a physician or other qualified health care professional, per calendar month (List separately in addition to code for primary procedure)             | 1.00               |
| 99426 | Principal care management services, for a single high-risk disease, with the following required elements: one complex chronic condition expected to last at least 3 months, and that places the patient at significant risk of hospitalization, acute exacerbation/decompensation, functional decline, or death, the condition requires development, monitoring, or revision of disease-specific care plan, the condition requires frequent adjustments in the medication regimen and/or the management of the condition is unusually complex due to comorbidities, ongoing communication and care coordination between relevant practitioners furnishing care; first 30 minutes of clinical staff time directed by physician or other qualified health care professional, per calendar month.  | 1.00               |
| 99427 | Principal care management services, for a single high-risk disease, with the following required elements: one complex chronic condition expected to last at least 3 months, and that places the patient at significant risk of hospitalization, acute exacerbation/decompensation, functional decline, or death, the condition requires development, monitoring, or revision of disease-specific care plan, the condition requires frequent adjustments in the medication regimen and/or the management of the condition is unusually complex due to comorbidities, ongoing communication and care coordination between relevant practitioners furnishing care; 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) | 0.71               |
| 99437 | Chronic care 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 that place the patient at significant risk of death, acute exacerbation/decompensation, or functional decline, comprehensive care plan established, implemented, revised, or monitored; each additional 30 minutes by a physician or other qualified health care professional, per calendar month (List separately in addition to code for primary procedure)   | 1.00               |

|       | Material Revision  |   |              |                            |                             |
|-------|--|---|--------------|----------------------------|-----------------------------|
| СРТ   | 2022 Description   | Scope of Revision   | wRVU<br>2022 | FY '21<br>Volume<br>Impact | FY '21<br>Charges<br>Impact |
| 99211 | Office or other outpatient visit for the evaluation and management of an established patient that may not require the presence of a physician or other qualified health care professional. Usually, the presenting problem(s) are minimal.   | A comma (,) after "patient", and "Usually, the presenting problem(s) are minimal." was removed for the 2022 description.  | 0.18         | 0.00%                      | 0.00%                       |
| 99491 | Chronic care 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 that place the patient at significant risk of death, acute exacerbation/decompensation, or functional decline, comprehensive care plan established, implemented, revised, or monitored; first 30 minutes provided personally by a physician or other qualified health care professional, per calendar month. | "at least 30 minutes of physician or other qualified health care professional time, per calendar month" and "chronic conditions place the patient at significant risk of death, acute exacerbation/decompensation, or functional decline; comprehensive care plan established, implemented, revised, or monitored." was removed and "that" and "first 30 minutes" was added for the 2022 description. | 1.50         | 0.00%                      | 0.00%                       |

#### Gastroenterology

|       | New   |                    |
|-------|---|--------------------|
| СРТ   | 2022 Description  | wRVU 2022<br>Added |
| 91113 | Gastrointestinal tract imaging, intraluminal (eg, capsule endoscopy), colon, with interpretation and report | 2.41               |

#### Hematology & Oncology

|       | New   |                    |
|-------|---|--------------------|
| СРТ   | 2022 Description  | wRVU 2022<br>Added |
| 0692T | Therapeutic ultrafiltration   | 0.00               |
| 0708T | Intradermal cancer immunotherapy; preparation and initial injection   | 0.00               |
| 0709T | Intradermal cancer immunotherapy; each additional injection (List separately in addition to code for primary procedure) | 0.00               |

# Neurology

|         | Crosswalk: Deleted with Replacement Code  |                            |                            |        |
|---------|---|----------------------------|----------------------------|--------|
| Deleted |   |                            |                            |        |
| СРТ     | 2021 Description  | FY '21<br>Volume<br>Impact | FY '21<br>Charge<br>Impact | CPT(s) |
| 95943   | Simultaneous, independent, quantitative measures of both parasympathetic function and sympathetic function, based on time-frequency analysis of heart rate variability concurrent with time-frequency analysis of continuous respiratory activity, with mean heart rate and blood pressure measures, during rest, paced (deep) breathing, Valsalva maneuvers, and head-up postural change | 0.00%                      | 0.00%                      | 95999  |

#### Neurosurgery

|       | New  |                    |
|-------|--|--------------------|
| СРТ   | 2022 Description   | wRVU 2022<br>Added |
| 61736 | Laser interstitial thermal therapy (LITT) of lesion, intracranial, including burr hole(s), with magnetic resonance imaging guidance, when performed; single trajectory for 1 simple lesion   | 19.06              |
| 61737 | Laser interstitial thermal therapy (LITT) of lesion, intracranial, including burr hole(s), with magnetic resonance imaging guidance, when performed; multiple trajectories for multiple or complex lesion(s)   | 22.67              |
| 63052 | Laminectomy, facetectomy, or foraminotomy (unilateral or bilateral with decompression of spinal cord, cauda equina and/or nerve root[s] [eg, spinal or lateral recess stenosis]), during posterior interbody arthrodesis, lumbar; single vertebral segment (List separately in addition to code for primary procedure) | 4.25               |
| 63053 | Laminectomy, facetectomy, or foraminotomy (unilateral or bilateral with decompression of spinal cord, cauda equina and/or nerve root[s] [eg, spinal or lateral recess stenosis]), during posterior interbody arthrodesis, lumbar; each additional segment (List separately in addition to code for primary procedure)  | 3.19               |
| 64582 | Open implantation of hypoglossal nerve neurostimulator array, pulse generator, and distal respiratory sensor electrode or electrode array  | 14.00              |
| 64583 | Revision or replacement of hypoglossal nerve neurostimulator array and distal respiratory sensor electrode or electrode array, including connection to existing pulse generator  | 14.50              |
| 64584 | Removal of hypoglossal nerve neurostimulator array, pulse generator, and distal respiratory sensor electrode or electrode array  | 12.00              |
| 64628 | Thermal destruction of intraosseous basivertebral nerve, including all imaging guidance; first 2 vertebral bodies, lumbar or sacral  | 7.15               |
| 64629 | Thermal destruction of intraosseous basivertebral nerve, including all imaging guidance; each additional vertebral body, lumbar or sacral (List separately in addition to code for primary procedure)  | 3.77               |

|       | Material Revision   |   |              |                            |                             |  |
|-------|---|---|--------------|----------------------------|-----------------------------|--|
| СРТ   | 2022 Description  | Scope of Revision   | wRVU<br>2022 | FY '21<br>Volume<br>Impact | FY '21<br>Charges<br>Impact |  |
| 63048 | Laminectomy, facetectomy and foraminotomy (unilateral or bilateral with decompression of spinal cord, cauda equina and/or nerve root[s], [eg, spinal or lateral recess stenosis]), single vertebral segment; each additional vertebral segment, cervical, thoracic, or lumbar (List separately in addition to code for primary procedure) | "vertebral" was added for the 2022 description.                   | 3.47         | 0.00%                      | 0.10%                       |  |
| 64568 | Open implantation of cranial nerve (eg, vagus nerve) neurostimulator electrode array and pulse generator  | "Incision for" was replaced with "open" for the 2022 description. | 9.00         | 0.00%                      | 0.00%                       |  |
| 64575 | Open implantation of neurostimulator electrode array; peripheral nerve (excludes sacral nerve)  | "Incision for" was replaced with "open" for the 2022 description. | 4.42         | 0.00%                      | 0.00%                       |  |
| 64580 | Open implantation of neurostimulator electrode array; neuromuscular   | "Incision for" was replaced with "open" for the 2022 description. | 4.19         | 0.00%                      | 0.00%                       |  |
| 64581 | Open implantation of neurostimulator electrode array; sacral nerve (transforaminal placement)   | "Incision for" was replaced with "open" for the 2022 description. | 12.20        | 0.00%                      | 0.00%                       |  |

|       | Deletions   |                            |                             |
|-------|---|----------------------------|-----------------------------|
| СРТ   | CPT 2021 Description  | FY '21<br>Volume<br>Impact | FY '21<br>Charges<br>Impact |
| 63194 | Laminectomy with cordotomy, with section of 1 spinothalamic tract, 1 stage; cervical                    | 0.00%                      | 0.00%                       |
| 63195 | Laminectomy with cordotomy, with section of 1 spinothalamic tract, 1 stage; thoracic                    | 0.00%                      | 0.00%                       |
| 63196 | Laminectomy with cordotomy, with section of both spinothalamic tracts, 1 stage; cervical                | 0.00%                      | 0.00%                       |
| 63198 | Laminectomy with cordotomy with section of both spinothalamic tracts, 2 stages within 14 days; cervical | 0.00%                      | 0.00%                       |
| 63199 | Laminectomy with cordotomy with section of both spinothalamic tracts, 2 stages within 14 days; thoracic | 0.00%                      | 0.00%                       |

# Ophthalmology

|       | New  |                    |
|-------|--|--------------------|
| СРТ   | 2022 Description   | wRVU 2022<br>Added |
| 0687T | Treatment of amblyopia using an online digital program; device supply, educational set-up, and initial session   | 0.00               |
| 0688T | Treatment of amblyopia using an online digital program; assessment of patient performance and program data by physician or other qualified health care professional, with report, per calendar month | 0.00               |
| 0704T | Remote treatment of amblyopia using an eye tracking device; device supply with initial set-up and patient education on use of equipment  | 0.00               |
| 0705T | Remote treatment of amblyopia using an eye tracking device; surveillance center technical support including data transmission with analysis, with a minimum of 18 training hours, each 30 days       | 0.00               |
| 0706T | Remote treatment of amblyopia using an eye tracking device; interpretation and report by physician or other qualified health care professional, per calendar month                                   | 0.00               |

# Otolaryngology

|       |  | Material Revision                                       |              |                            |                             |
|-------|--|---|--------------|----------------------------|-----------------------------|
| СРТ   | 2022 Description   | Scope of Revision                                       | wRVU<br>2022 | FY '21<br>Volume<br>Impact | FY '21<br>Charges<br>Impact |
| 21315 | Closed treatment of nasal bone fracture with manipulation; without stabilization | "with manipulation" was added for the 2022 description. | 0.96         | 0.00%                      | 0.00%                       |
| 21320 | Closed treatment of nasal bone fracture with manipulation; with stabilization    | "with manipulation" was added for the 2022 description. | 1.59         | 0.00%                      | 0.00%                       |

|       | Deletions  |        |         |
|-------|--|--------|---------|
|       |  | FY '21 | FY '21  |
| CPT   | CPT 2021 Description   | Volume | Charges |
|       |  | Impact | Impact  |
| 21310 | Closed treatment of nasal bone fracture without manipulation | 0.00%  | 0.00%   |

# Pathology & Laboratory

|       | New   |                    |
|-------|---|--------------------|
| СРТ   | 2022 Description  | wRVU 2022<br>Added |
| 0285U | Oncology, response to radiation, cell-free DNA, quantitative branched chain DNA amplification, plasma, reported as a radiation toxicity score   | 0.00               |
| 0286U | CEP72 (centrosomal protein, 72-KDa), NUDT15 (nudix hydrolase 15) and TPMT (thiopurine S-methyltransferase) (eg, drug metabolism) gene analysis, common variants   | 0.00               |
| 0287U | Oncology (thyroid), DNA and mRNA, next-generation sequencing analysis of 112 genes, fine needle aspirate or formalin-fixed paraffin-embedded (FFPE) tissue, algorithmic prediction of cancer recurrence, reported as a categorical risk result (low, intermediate, high)  | 0.00               |
| 0288U | Oncology (lung), mRNA, quantitative PCR analysis of 11 genes (BAG1, BRCA1, CDC6, CDK2AP1, ERBB3, FUT3, IL11, LCK, RND3, SH3BGR, WNT3A) and 3 reference genes (ESD, TBP, YAP1), formalin-fixed paraffin-embedded (FFPE) tumor tissue, algorithmic interpretation reported as a recurrence risk score   | 0.00               |
| 0289U | Neurology (Alzheimer disease), mRNA, gene expression profiling by RNA sequencing of 24 genes, whole blood, algorithm reported as predictive risk score  | 0.00               |
| 0290U | Pain management, mRNA, gene expression profiling by RNA sequencing of 36 genes, whole blood, algorithm reported as predictive risk score  | 0.00               |
| 0291U | Psychiatry (mood disorders), mRNA, gene expression profiling by RNA sequencing of 144 genes, whole blood, algorithm reported as predictive risk score   | 0.00               |
| 0292U | Psychiatry (stress disorders), mRNA, gene expression profiling by RNA sequencing of 72 genes, whole blood, algorithm reported as predictive risk score  | 0.00               |
| 0293U | Psychiatry (suicidal ideation), mRNA, gene expression profiling by RNA sequencing of 54 genes, whole blood, algorithm reported as predictive risk score   | 0.00               |
| 0294U | Longevity and mortality risk, mRNA, gene expression profiling by RNA sequencing of 18 genes, whole blood, algorithm reported as predictive risk score   | 0.00               |
| 0295U | Oncology (breast ductal carcinoma in situ), protein expression profiling by immunohistochemistry of 7 proteins (COX2, FOXA1, HER2, Ki-67, p16, PR, SIAH2), with 4 clinicopathologic factors (size, age, margin status, palpability), utilizing formalin-fixed paraffinembedded (FFPE) tissue, algorithm reported as a recurrence risk score | 0.00               |
| 0296U | Oncology (oral and/or oropharyngeal cancer), gene expression profiling by RNA sequencing at least 20 molecular features (eg, human and/or microbial mRNA), saliva, algorithm reported as positive or negative for signature associated with malignancy  | 0.00               |
| 0297U | Oncology (pan tumor), whole genome sequencing of paired malignant and normal DNA specimens, fresh or formalin-fixed paraffinembedded (FFPE) tissue, blood or bone marrow, comparative sequence analyses and variant identification  | 0.00               |

| New   |  |                    |  |
|-------|--|--------------------|--|
| СРТ   | 2022 Description   | wRVU 2022<br>Added |  |
| 0298U | Oncology (pan tumor), whole transcriptome sequencing of paired malignant and normal RNA specimens, fresh or formalin-fixed paraffin-embedded (FFPE) tissue, blood or bone marrow, comparative sequence analyses and expression level and chimeric transcript identification                    | 0.00               |  |
| 0299U | Oncology (pan tumor), whole genome optical genome mapping of paired malignant and normal DNA specimens, fresh frozen tissue, blood, or bone marrow, comparative structural variant identification  |                    |  |
| 0300U | Oncology (pan tumor), whole genome sequencing and optical genome mapping of paired malignant and normal DNA specimens, fresh tissue, blood, or bone marrow, comparative sequence analyses and variant identification   | 0.00               |  |
| 0301U | Infectious agent detection by nucleic acid (DNA or RNA), Bartonella henselae and Bartonella quintana, droplet digital PCR (ddPCR);   | 0.00               |  |
| 0302U | Infectious agent detection by nucleic acid (DNA or RNA), Bartonella henselae and Bartonella quintana, droplet digital PCR (ddPCR); following liquid enrichment   | 0.00               |  |
| 0303U | Hematology, red blood cell (RBC) adhesion to endothelial/subendothelial adhesion molecules, functional assessment, whole blood, with algorithmic analysis and result reported as an RBC adhesion index; hypoxic  | 0.00               |  |
| 0304U | Hematology, red blood cell (RBC) adhesion to endothelial/subendothelial adhesion molecules, functional assessment, whole blood, with algorithmic analysis and result reported as an RBC adhesion index; normoxic   | 0.00               |  |
| 0305U | Hematology, red blood cell (RBC) functionality and deformity as a function of shear stress, whole blood, reported as a maximum elongation index  | 0.00               |  |
| 80220 | Hydroxychloroquine   | 0.00               |  |
| 80503 | Pathology clinical consultation; for a clinical problem, with limited review of patient's history and medical records and straightforward medical decision making When using time for code selection, 5-20 minutes of total time is spent on the date of the consultation.                     | 0.43               |  |
| 80504 | Pathology clinical consultation; for a moderately complex clinical problem, with review of patient's history and medical records and moderate level of medical decision making When using time for code selection, 21-40 minutes of total time is spent on the date of the consultation.       | 0.91               |  |
| 80505 | Pathology clinical consultation; for a highly complex clinical problem, with comprehensive review of patient's history and medical records and high level of medical decision making When using time for code selection, 41-60 minutes of total time is spent on the date of the consultation. | 1.71               |  |
| 80506 | Pathology clinical consultation; prolonged service, each additional 30 minutes (List separately in addition to code for primary procedure)   | 0.80               |  |
| 81349 | Cytogenomic (genome-wide) analysis for constitutional chromosomal abnormalities; interrogation of genomic regions for copy number and loss-of-heterozygosity variants, low-pass sequencing analysis  | 0.00               |  |

|       | New   |                    |
|-------|---|--------------------|
| СРТ   | 2022 Description  | wRVU 2022<br>Added |
| 81523 | Oncology (breast), mRNA, next-generation sequencing gene expression profiling of 70 content genes and 31 housekeeping genes, utilizing formalin-fixed paraffin-embedded tissue, algorithm reported as index related to risk to distant metastasis                       | 0.00               |
| 81560 | Transplantation medicine (allograft rejection, pediatric liver and small bowel), measurement of donor and third-party-induced CD154+T-cytotoxic memory cells, utilizing whole peripheral blood, algorithm reported as a rejection risk score                            | 0.00               |
| 82653 | Elastase, pancreatic (EL-1), fecal; quantitative  | 0.00               |
| 83521 | Immunoglobulin light chains (ie, kappa, lambda), free, each   | 0.00               |
| 83529 | Interleukin-6 (IL-6)  | 0.00               |
| 86015 | Actin (smooth muscle) antibody (ASMA), each   | 0.00               |
| 86036 | Antineutrophil cytoplasmic antibody (ANCA); screen, each antibody   | 0.00               |
| 86037 | Antineutrophil cytoplasmic antibody (ANCA); titer, each antibody  | 0.00               |
| 86051 | Aquaporin-4 (neuromyelitis optica [NMO]) antibody; enzyme-linked immunosorbent immunoassay (ELISA)  | 0.00               |
| 86052 | Aquaporin-4 (neuromyelitis optica [NMO]) antibody; cell-based immunofluorescence assay (CBA), each  | 0.00               |
| 86053 | Aquaporin-4 (neuromyelitis optica [NMO]) antibody; flow cytometry (ie, fluorescence-activated cell sorting [FACS]), each  | 0.00               |
| 86231 | Endomysial antibody (EMA), each immunoglobulin (Ig) class   | 0.00               |
| 86258 | Gliadin (deamidated) (DGP) antibody, each immunoglobulin (Ig) class   | 0.00               |
| 86362 | Myelin oligodendrocyte glycoprotein (MOG-lgG1) antibody; cell-based immunofluorescence assay (CBA), each  | 0.00               |
| 86363 | Myelin oligodendrocyte glycoprotein (MOG-lgG1) antibody; flow cytometry (ie, fluorescence-activated cell sorting [FACS]), each  | 0.00               |
| 86364 | Tissue transglutaminase, each immunoglobulin (Ig) class   | 0.00               |
| 86381 | Mitochondrial antibody (eg, M2), each   | 0.00               |
| 86596 | Voltage-gated calcium channel antibody, each  | 0.00               |
| 87154 | Culture, typing; identification of blood pathogen and resistance typing, when performed, by nucleic acid (DNA or RNA) probe, multiplexed amplified probe technique including multiplex reverse transcription, when performed, per culture or isolate, 6 or more targets | 0.00               |

|       | Material Revision  |  |              |                            |                             |  |
|-------|--|--|--------------|----------------------------|-----------------------------|--|
| СРТ   | 2022 Description   | Scope of Revision  | wRVU<br>2022 | FY '21<br>Volume<br>Impact | FY '21<br>Charges<br>Impact |  |
| 81228 | Cytogenomic (genome-wide) analysis for constitutional chromosomal abnormalities; interrogation of genomic regions for copy number variants, comparative genomic hybridization [CGH] microarray analysis  | "microarray" and "(eg, bacterial artificial chromosome [BAC] or oligo-based" was removed and "chromosomal abnormalities" was added for the 2022 description. | 0.00         | 0.00%                      | 0.00%                       |  |
| 81229 | Cytogenomic (genome-wide) analysis for constitutional chromosomal abnormalities; interrogation of genomic regions for copy number and single nucleotide polymorphism variants, comparative genomic hybridization [CGH] microarray analysis                     | "comparative genomic hybridization [CGH] microarray" was added for the 2022 description.   | 0.00         | 0.00%                      | 0.00%                       |  |
| 0090U | Oncology (cutaneous melanoma), mRNA gene expression profiling by RT-PCR of 23 genes (14 content and 9 housekeeping), utilizing formalinfixed paraffin-embedded (FFPE) tissue, algorithm reported as a categorical result (ie, benign, intermediate, malignant) | (FFPE) was added and "indeterminate" was changed to "intermediate" for the 2022 description.   | 0.00         | 0.00%                      | 0.00%                       |  |

|       | Deletions   |                            |                             |  |  |
|-------|---|----------------------------|-----------------------------|--|--|
| СРТ   | CPT 2021 Description  | FY '21<br>Volume<br>Impact | FY '21<br>Charges<br>Impact |  |  |
| 0423T | Secretory type II phospholipase A2 (sPLA2-IIA)  | 0.00%                      | 0.00%                       |  |  |
| 0208U | Oncology (medullary thyroid carcinoma), mRNA, gene expression analysis of 108 genes, utilizing fine needle aspirate, algorithm reported as positive or negative for medullary thyroid carcinoma | 0.00%                      | 0.00%                       |  |  |

| Crosswalk: Deleted with Replacement Code |  |                            |                            |                               |
|--|--|----------------------------|----------------------------|-------------------------------|
|  | Deleted  |                            |                            | Replacement                   |
| СРТ                                      | 2021 Description   | FY '21<br>Volume<br>Impact | FY '21<br>Charge<br>Impact | CPT(s)                        |
| 80500                                    | Clinical pathology consultation; limited, without review of patient's history and medical records                                      | 0.00%                      | 0.00%                      | 80503, 80504, 80505,<br>80506 |
| 80502                                    | Clinical pathology consultation; comprehensive, for a complex diagnostic problem, with review of patient's history and medical records | 0.00%                      | 0.00%                      | 80503, 80504, 80505,<br>80506 |

#### Physical & Occupational Therapy

|       | Material Revision   |  |              |                            |                             |  |  |
|-------|---|--|--------------|----------------------------|-----------------------------|--|--|
| СРТ   | 2022 Description  | Scope of Revision  | wRVU<br>2022 | FY '21<br>Volume<br>Impact | FY '21<br>Charges<br>Impact |  |  |
| 92065 | Orthoptic training  | "and/or pleoptic" and "with continuing medical direction and evaluation" was removed for the 2022 description. | 0.37         | 0.00%                      | 0.00%                       |  |  |
| 0101T | Extracorporeal shock wave involving musculoskeletal system, not otherwise specified   | "high energy" was removed for the 2022 description.  | 0.00         | 0.00%                      | 0.00%                       |  |  |
| 0102T | Extracorporeal shock wave performed by a physician, requiring anesthesia other than local, and involving the lateral humeral epicondyle   | "high energy" was removed and "the" was added for the 2022 description.  | 0.00         | 0.00%                      | 0.00%                       |  |  |
| 0512T | Extracorporeal shock wave for integumentary wound healing, including topical application and dressing care; initial wound   | "high energy" was removed for the 2022 description.  | 0.00         | 0.00%                      | 0.00%                       |  |  |
| 0513T | Extracorporeal shock wave for integumentary wound healing, including topical application and dressing care; each additional wound (List separately in addition to code for primary procedure) | "high energy" was removed for the 2022 description.  | 0.00         | 0.00%                      | 0.00%                       |  |  |

# Pulmonary

| New   |  |                    |  |  |
|-------|--|--------------------|--|--|
| СРТ   | 2022 Description   | wRVU 2022<br>Added |  |  |
| 94625 | Physician or other qualified health care professional services for outpatient pulmonary rehabilitation; without continuous oximetry monitoring (per session) | 0.36               |  |  |
| 94626 | Physician or other qualified health care professional services for outpatient pulmonary rehabilitation; with continuous oximetry monitoring (per session)    | 0.56               |  |  |

# Radiology

|       | New   |                    |
|-------|---|--------------------|
| СРТ   | 2022 Description  | wRVU 2022<br>Added |
| 77089 | Trabecular bone score (TBS), structural condition of the bone microarchitecture; using dual X-ray absorptiometry (DXA) or other imaging data on gray-scale variogram, calculation, with interpretation and report on fracture-risk  | 0.20               |
| 77090 | Trabecular bone score (TBS), structural condition of the bone microarchitecture; technical preparation and transmission of data for analysis to be performed elsewhere  | 0.00               |
| 77091 | Trabecular bone score (TBS), structural condition of the bone microarchitecture; technical calculation only   | 0.00               |
| 77092 | Trabecular bone score (TBS), structural condition of the bone microarchitecture; interpretation and report on fracture-risk only by other qualified health care professional  | 0.20               |
| 0689T | Quantitative ultrasound tissue characterization (non-elastographic), including interpretation and report, obtained without diagnostic ultrasound examination of the same anatomy (eg, organ, gland, tissue, target structure)   | 0.00               |
| 0690T | Quantitative ultrasound tissue characterization (non-elastographic), including interpretation and report, obtained with diagnostic ultrasound examination of the same anatomy (eg, organ, gland, tissue, target structure) (List separately in addition to code for primary procedure)  | 0.00               |
| 0691T | Automated analysis of an existing computed tomography study for vertebral fracture(s), including assessment of bone density when performed, data preparation, interpretation, and report  | 0.00               |
| 0693T | Comprehensive full body computer-based marker less 3D kinematic and kinetic motion analysis and report  | 0.00               |
| 0694T | 3-dimensional volumetric imaging and reconstruction of breast or axillary lymph node tissue, each excised specimen, 3-dimensional automatic specimen reorientation, interpretation and report, real-time intraoperative   | 0.00               |
| 0697T | Quantitative magnetic resonance for analysis of tissue composition (eg, fat, iron, water content), including multiparametric data acquisition, data preparation and transmission, interpretation and report, obtained without diagnostic MRI examination of the same anatomy (eg, organ, gland, tissue, target structure) during the same session; multiple organs                                  | 0.00               |
| 0698T | Quantitative magnetic resonance for analysis of tissue composition (eg, fat, iron, water content), including multiparametric data acquisition, data preparation and transmission, interpretation and report, obtained with diagnostic MRI examination of the same anatomy (eg, organ, gland, tissue, target structure); multiple organs (List separately in addition to code for primary procedure) | 0.00               |
| 0700T | Molecular fluorescent imaging of suspicious nevus; first lesion   | 0.00               |

|       | New   |      |  |  |  |
|-------|---|------|--|--|--|
| СРТ   | CPT 2022 Description  |      |  |  |  |
| 0701T | Molecular fluorescent imaging of suspicious nevus; each additional lesion (List separately in addition to code for primary procedure)   | 0.00 |  |  |  |
| 0710T | Noninvasive arterial plaque analysis using software processing of data from non-coronary computerized tomography angiography; including data preparation and transmission, quantification of the structure and composition of the vessel wall and assessment for lipid-rich necrotic core plaque to assess atherosclerotic plaque stability, data review, interpretation and report | 0.00 |  |  |  |
| 0711T | Noninvasive arterial plaque analysis using software processing of data from non-coronary computerized tomography angiography; data preparation and transmission   | 0.00 |  |  |  |
| 0712T | Noninvasive arterial plaque analysis using software processing of data from non-coronary computerized tomography angiography; quantification of the structure and composition of the vessel wall and assessment for lipid-rich necrotic core plaque to assess atherosclerotic plaque stability  | 0.00 |  |  |  |
| 0713T | Noninvasive arterial plaque analysis using software processing of data from non-coronary computerized tomography angiography; data review, interpretation and report  | 0.00 |  |  |  |

|       | Material Revision   |  |              |                            |                             |  |  |
|-------|---|--|--------------|----------------------------|-----------------------------|--|--|
| СРТ   | 2022 Description  | Scope of Revision  | wRVU<br>2022 | FY '21<br>Volume<br>Impact | FY '21<br>Charges<br>Impact |  |  |
| 75573 | Computed tomography, heart, with contrast material, for evaluation of cardiac structure and morphology in the setting of congenital heart disease (including 3D image post processing, assessment of left ventricular [LV] cardiac function, right ventricular [RV] structure and function and evaluation of vascular structures, if performed) | "left ventricular" and "right ventricular" was added and "venous" was replaced with "vascular" for the 2022 description. | 2.55         | 0.00%                      | 0.00%                       |  |  |

|       | <b>Deletions</b>  |                            |                             |  |  |
|-------|---|----------------------------|-----------------------------|--|--|
| СРТ   | CPT 2021 Description  | FY '21<br>Volume<br>Impact | FY '21<br>Charges<br>Impact |  |  |
| 76101 | Radiologic examination, complex motion (ie, hypocycloidal) body section (eg, mastoid polytomography), other than with urography; unilateral | 0.00%                      | 0.00%                       |  |  |
| 76102 | Radiologic examination, complex motion (ie, hypocycloidal) body section (eg, mastoid polytomography), other than with urography; bilateral  | 0.00%                      | 0.00%                       |  |  |

|       | Crosswalk: Deleted with Replacement Code  |                            |                            |  |  |
|-------|---|----------------------------|----------------------------|--|--|
|       | Deleted   |                            |                            | Replacement  |  |
| СРТ   | 2021 Description  | FY '21<br>Volume<br>Impact | FY '21<br>Charge<br>Impact | CPT(s)   |  |
| 72275 | Epidurography, radiological supervision and interpretation  | 0.00%                      | 0.00%                      | 62281, 62282,<br>62321, 62323,<br>62325, 62327,<br>64479, 64480,<br>64483, 64484 |  |
| 0355T | Gastrointestinal tract imaging, intraluminal (eg, capsule endoscopy), colon, with interpretation and report | 0.00%                      | 0.00%                      | 91113  |  |

# Radiology – MRI

|       | Material Revision  |  |              |                            |                             |  |
|-------|--|--|--------------|----------------------------|-----------------------------|--|
| СРТ   | 2022 Description   | Scope of Revision                                  | wRVU<br>2022 | FY '21<br>Volume<br>Impact | FY '21<br>Charges<br>Impact |  |
| 0648T | Quantitative magnetic resonance for analysis of tissue composition (eg, fat, iron, water content), including multiparametric data acquisition, data preparation and transmission, interpretation and report, obtained without diagnostic MRI examination of the same anatomy (eg, organ, gland, tissue, target structure) during the same session; single organ                                  | "single organ" was added for the 2022 description. | 0.00         | 0.00%                      | 0.00%                       |  |
| 0649Т | Quantitative magnetic resonance for analysis of tissue composition (eg, fat, iron, water content), including multiparametric data acquisition, data preparation and transmission, interpretation and report, obtained with diagnostic MRI examination of the same anatomy (eg, organ, gland, tissue, target structure); single organ (List separately in addition to code for primary procedure) | "single organ" was added for the 2022 description. | 0.00         | 0.00%                      | 0.00%                       |  |

#### Surgery

|       | New  |                    |  |  |  |
|-------|--|--------------------|--|--|--|
| СРТ   | 2022 Description   | wRVU 2022<br>Added |  |  |  |
| 0673T | Ablation, benign thyroid nodule(s), percutaneous, laser, including imaging guidance  | 0.00               |  |  |  |
| 0686T | Histotripsy (ie, non-thermal ablation via acoustic energy delivery) of malignant hepatocellular tissue, including image guidance   | 0.00               |  |  |  |
| 0707T | Injection(s), bone-substitute material (eg, calcium phosphate) into subchondral bone defect (ie, bone marrow lesion, bone bruise, stress injury, microtrabecular fracture), including imaging guidance and arthroscopic assistance for joint visualization | 0.00               |  |  |  |

#### Surgery – Cardiovascular

|       | New  |                    |
|-------|--|--------------------|
| СРТ   | 2022 Description   | wRVU 2022<br>Added |
| 0674T | Laparoscopic insertion of new or replacement of permanent implantable synchronized diaphragmatic stimulation system for augmentation of cardiac function, including an implantable pulse generator and diaphragmatic lead(s)   | 0.00               |
| 0675T | Laparoscopic insertion of new or replacement of diaphragmatic lead(s), permanent implantable synchronized diaphragmatic stimulation system for augmentation of cardiac function, including connection to an existing pulse generator; first lead   | 0.00               |
| 0676T | Laparoscopic insertion of new or replacement of diaphragmatic lead(s), permanent implantable synchronized diaphragmatic stimulation system for augmentation of cardiac function, including connection to an existing pulse generator; each additional lead (List separately in addition to code for primary procedure) | 0.00               |
| 0677T | Laparoscopic repositioning of diaphragmatic lead(s), permanent implantable synchronized diaphragmatic stimulation system for augmentation of cardiac function, including connection to an existing pulse generator; first repositioned lead  | 0.00               |
| 0678T | Laparoscopic repositioning of diaphragmatic lead(s), permanent implantable synchronized diaphragmatic stimulation system for augmentation of cardiac function, including connection to an existing pulse generator; each additional repositioned lead (List separately in addition to code for primary procedure)      | 0.00               |
| 0679T | Laparoscopic removal of diaphragmatic lead(s), permanent implantable synchronized diaphragmatic stimulation system for augmentation of cardiac function  | 0.00               |
| 0680T | Insertion or replacement of pulse generator only, permanent implantable synchronized diaphragmatic stimulation system for augmentation of cardiac function, with connection to existing lead(s)  | 0.00               |
| 0681T | Relocation of pulse generator only, permanent implantable synchronized diaphragmatic stimulation system for augmentation of cardiac function, with connection to existing dual leads   | 0.00               |
| 0682T | Removal of pulse generator only, permanent implantable synchronized diaphragmatic stimulation system for augmentation of cardiac function  | 0.00               |

|       | New  |                    |
|-------|--|--------------------|
| СРТ   | 2022 Description   | wRVU 2022<br>Added |
| 0695T | Body surface-activation mapping of pacemaker or pacing cardioverter-defibrillator lead(s) to optimize electrical synchrony, cardiac resynchronization therapy device, including connection, recording, disconnection, review, and report; at time of implant or replacement  | 0.00               |
| 33267 | Exclusion of left atrial appendage, open, any method (eg, excision, isolation via stapling, over sewing, ligation, plication, clip)  | 18.50              |
| 33268 | Exclusion of left atrial appendage, open, performed at the time of other sternotomy or thoracotomy procedure(s), any method (eg, excision, isolation via stapling, over sewing, ligation, plication, clip) (List separately in addition to code for primary procedure)   | 2.50               |
| 33269 | Exclusion of left atrial appendage, thoracoscopic, any method (eg, excision, isolation via stapling, over sewing, ligation, plication, clip)   | 14.31              |
| 33370 | Transcatheter placement and subsequent removal of cerebral embolic protection device(s), including arterial access, catheterization, imaging, and radiological supervision and interpretation, percutaneous (List separately in addition to code for primary procedure)  | 2.50               |
| 33509 | Harvest of upper extremity artery, 1 segment, for coronary artery bypass procedure, endoscopic   | 3.34               |
| 33894 | Endovascular stent repair of coarctation of the ascending, transverse, or descending thoracic or abdominal aorta, involving stent placement; across major side branches  | 18.27              |
| 33895 | Endovascular stent repair of coarctation of the ascending, transverse, or descending thoracic or abdominal aorta, involving stent placement; not crossing major side branches  | 14.54              |
| 33897 | Percutaneous transluminal angioplasty of native or recurrent coarctation of the aorta  | 10.81              |
| 93319 | 3D echocardiographic imaging and post processing during transesophageal echocardiography, or during transthoracic echocardiography for congenital cardiac anomalies, for the assessment of cardiac structure(s) (eg, cardiac chambers and valves, left atrial appendage, interatrial septum, interventricular septum) and function, when performed (List separately in addition to code for echocardiographic imaging) | 0.50               |
| 93593 | Right heart catheterization for congenital heart defect(s) including imaging guidance by the proceduralist to advance the catheter to the target zone; normal native connections – Modifier 26 Only  | 3.99               |
| 93594 | Right heart catheterization for congenital heart defect(s) including imaging guidance by the proceduralist to advance the catheter to the target zone; abnormal native connections – Modifier 26 Only  | 6.10               |
| 93595 | Left heart catheterization for congenital heart defect(s) including imaging guidance by the proceduralist to advance the catheter to the target zone, normal or abnormal native connections – Modifier 26 Only   | 5.50               |
| 93596 | Right and left heart catheterization for congenital heart defect(s) including imaging guidance by the proceduralist to advance the catheter to the target zone(s); normal native connections – Modifier 26 Only  | 6.84               |
| 93597 | Right and left heart catheterization for congenital heart defect(s) including imaging guidance by the proceduralist to advance the catheter to the target zone(s); abnormal native connections – Modifier 26 Only  | 8.88               |
| 93598 | Cardiac output measurement(s), thermodilution or other indicator dilution method, performed during cardiac catheterization for the evaluation of congenital heart defects (List separately in addition to code for primary procedure) – Modifier 26 Only   | 1.44               |

|       | <b>Deletions</b>  |                            |                             |
|-------|---|----------------------------|-----------------------------|
| СРТ   | CPT 2021 Description  | FY '21<br>Volume<br>Impact | FY '21<br>Charges<br>Impact |
| 0451T | Insertion or replacement of a permanently implantable aortic counterpulsation ventricular assist system, endovascular approach, and programming of sensing and therapeutic parameters; complete system (counterpulsation device, vascular graft, implantable vascular hemostatic seal, mechano-electrical skin interface and subcutaneous electrodes) | 0.00%                      | 0.00%                       |
| 0452T | Insertion or replacement of a permanently implantable aortic counterpulsation ventricular assist system, endovascular approach, and programming of sensing and therapeutic parameters; aortic counterpulsation device and vascular hemostatic seal  | 0.00%                      | 0.00%                       |
| 0453T | Insertion or replacement of a permanently implantable aortic counterpulsation ventricular assist system, endovascular approach, and programming of sensing and therapeutic parameters; mechano-electrical skin interface  | 0.00%                      | 0.00%                       |
| 0454T | Insertion or replacement of a permanently implantable aortic counterpulsation ventricular assist system, endovascular approach, and programming of sensing and therapeutic parameters; subcutaneous electrode   | 0.00%                      | 0.00%                       |
| 0455T | Removal of permanently implantable aortic counterpulsation ventricular assist system; complete system (aortic counterpulsation device, vascular hemostatic seal, mechano-electrical skin interface and electrodes)  | 0.00%                      | 0.00%                       |
| 0456T | Removal of permanently implantable aortic counterpulsation ventricular assist system; aortic counterpulsation device and vascular hemostatic seal   | 0.00%                      | 0.00%                       |
| 0457T | Removal of permanently implantable aortic counterpulsation ventricular assist system; mechano-electrical skin interface   | 0.00%                      | 0.00%                       |
| 0458T | Removal of permanently implantable aortic counterpulsation ventricular assist system; subcutaneous electrode  | 0.00%                      | 0.00%                       |
| 0459T | Relocation of skin pocket with replacement of implanted aortic counterpulsation ventricular assist device, mechano-<br>electrical skin interface and electrodes   | 0.00%                      | 0.00%                       |
| 0460T | Repositioning of previously implanted aortic counterpulsation ventricular assist device; subcutaneous electrode   | 0.00%                      | 0.00%                       |
| 0461T | Repositioning of previously implanted aortic counterpulsation ventricular assist device; aortic counterpulsation device   | 0.00%                      | 0.00%                       |
| 0462T | Programming device evaluation (in person) with iterative adjustment of the implantable mechano-electrical skin interface and/or external driver to test the function of the device and select optimal permanent programmed values with analysis, including review and report, implantable aortic counterpulsation ventricular assist system, per day  | 0.00%                      | 0.00%                       |
| 0463T | Interrogation device evaluation (in person) with analysis, review and report, includes connection, recording and disconnection per patient encounter, implantable aortic counterpulsation ventricular assist system, per day  | 0.00%                      | 0.00%                       |
| 0466T | Insertion of chest wall respiratory sensor electrode or electrode array, including connection to pulse generator (List separately in addition to code for primary procedure)  | 0.00%                      | 0.00%                       |
| 0467T | Revision or replacement of chest wall respiratory sensor electrode or electrode array, including connection to existing pulse generator   | 0.00%                      | 0.00%                       |
| 0468T | Removal of chest wall respiratory sensor electrode or electrode array   | 0.00%                      | 0.00%                       |
| 33470 | Valvotomy, pulmonary valve, closed heart; transventricular  | 0.00%                      | 0.00%                       |
| 33722 | Closure of aortico-left ventricular tunnel  | 0.00%                      | 0.00%                       |

|       | Material Revision  |   |              |                            |                             |  |
|-------|--|---|--------------|----------------------------|-----------------------------|--|
| СРТ   | 2022 Description   | Scope of Revision   | wRVU<br>2022 | FY '21<br>Volume<br>Impact | FY '21<br>Charges<br>Impact |  |
| 35600 | Harvest of upper extremity artery, 1 segment, for coronary artery bypass procedure, open | "(List separately in addition to code for primary procedure)" was removed, and "open" was added for the 2022 description. | 3.59         | 0.00%                      | 0.00%                       |  |

|       | Crosswalk: Deleted with Replacement Code   |                            |                            |                        |  |  |
|-------|--|----------------------------|----------------------------|------------------------|--|--|
|       | Deleted  |                            |                            | Replacement            |  |  |
| СРТ   | 2021 Description   | FY '21<br>Volume<br>Impact | FY '21<br>Charge<br>Impact | CPT(s)                 |  |  |
| 93530 | Right heart catheterization, for congenital cardiac anomalies  | 0.00%                      | 0.00%                      | 93593, 93594           |  |  |
| 93531 | Combined right heart catheterization and retrograde left heart catheterization, for congenital cardiac anomalies   | 0.00%                      | 0.00%                      | 93462, 93596,<br>93597 |  |  |
| 93532 | Combined right heart catheterization and transseptal left heart catheterization through intact septum with or without retrograde left heart catheterization, for congenital cardiac anomalies            | 0.00%                      | 0.00%                      | 93462, 93596,<br>93597 |  |  |
| 93533 | Combined right heart catheterization and transseptal left heart catheterization through existing septal opening, with or without retrograde left heart catheterization, for congenital cardiac anomalies | 0.00%                      | 0.00%                      | 93462, 93596,<br>93597 |  |  |

# Surgery – Digestive System

|       | New   |                    |
|-------|---|--------------------|
| СРТ   | 2022 Description  | wRVU 2022<br>Added |
| 42975 | Drug-induced sleep endoscopy, with dynamic evaluation of velum, pharynx, tongue base, and larynx for evaluation of sleep-disordered breathing, flexible, diagnostic | 1.90               |
| 43497 | Lower esophageal myotomy, transoral (ie, peroral endoscopic myotomy [POEM])   | 13.29              |

|       | Deletions   |        |         |  |  |
|-------|---|--------|---------|--|--|
|       |   | FY '21 | FY '21  |  |  |
| CPT   | CPT 2021 Description  | Volume | Charges |  |  |
|       |   | Impact | Impact  |  |  |
| 43850 | Revision of gastroduodenal anastomosis (gastroduodenostomy) with reconstruction; without vagotomy | 0.00%  | 0.00%   |  |  |
| 43855 | Revision of gastroduodenal anastomosis (gastroduodenostomy) with reconstruction; with vagotomy    | 0.00%  | 0.00%   |  |  |

#### Surgery – Integumentary

|       | Material Revision  |  |              |                         |                             |  |
|-------|--|--|--------------|-------------------------|-----------------------------|--|
| СРТ   | 2022 Description   | Scope of Revision  | wRVU<br>2022 | FY '21 Volume<br>Impact | FY '21<br>Charges<br>Impact |  |
| 11981 | Insertion, drug-delivery implant (ie, bioresorbable, biodegradable, non-biodegradable) | "(ie, bioresorbable, biodegradable)" was added for the 2022 description. | 1.14         | 0.02%                   | 0.02%                       |  |

#### Surgery – Maternity Care and Delivery

|       | Deletions   |                            |                             |
|-------|---|----------------------------|-----------------------------|
| СРТ   | CPT 2021 Description  | FY '21<br>Volume<br>Impact | FY '21<br>Charges<br>Impact |
| 59135 | Surgical treatment of ectopic pregnancy; interstitial, uterine pregnancy requiring total hysterectomy | 0.00%                      | 0.00%                       |

#### Surgery – Male Genital

|       | Material Revision  |  |              |                            |                             |  |
|-------|--|--|--------------|----------------------------|-----------------------------|--|
| СРТ   | 2022 Description   | Scope of Revision  | wRVU<br>2022 | FY '21<br>Volume<br>Impact | FY '21<br>Charges<br>Impact |  |
| 54340 | Repair of hypospadias complication(s) (ie, fistula, stricture, diverticula); by closure, incision, or excision, simple | "s" in complications was replaced with "(s)" for the 2022 description. | 9.71         | 0.00%                      | 0.00%                       |  |

|       | 1  | Material Revision  |              |                            |                             |
|-------|--|--|--------------|----------------------------|-----------------------------|
| СРТ   | 2022 Description   | Scope of Revision  | wRVU<br>2022 | FY '21<br>Volume<br>Impact | FY '21<br>Charges<br>Impact |
| 54344 | Repair of hypospadias complication(s) (ie, fistula, stricture, diverticula); requiring mobilization of skin flaps and urethroplasty with flap or patch graft   | "s" in complications was replaced with "(s)" for the 2022 description.   | 17.06        | 0.00%                      | 0.00%                       |
| 54348 | Repair of hypospadias complication(s) (ie, fistula, stricture, diverticula); requiring extensive dissection, and urethroplasty with flap, patch or tubed graft (including urinary diversion, when performed)   | "s" in complications was replaced with "(s)", and "when performed was added for the 2022 description.                | 18.32        | 0.00%                      | 0.00%                       |
| 54352 | Revision of prior hypospadias repair requiring extensive dissection and excision of previously constructed structures including re-release of chordee and reconstruction of urethra and penis by use of local skin as grafts and island flaps and skin brought in as flaps or grafts | "Repair of" was replaced with "Revision of prior" and "cripple" was replaced with "repair" for the 2022 description. | 26.13        | 0.00%                      | 0.00%                       |

# Surgery – Ophthalmology

| New   |   |                    |  |
|-------|---|--------------------|--|
| СРТ   | 2022 Description  | wRVU 2022<br>Added |  |
| 66989 | Extracapsular cataract removal with insertion of intraocular lens prosthesis (1-stage procedure), manual or mechanical technique (eg, irrigation and aspiration or phacoemulsification), complex, requiring devices or techniques not generally used in routine cataract surgery (eg, iris expansion device, suture support for intraocular lens, or primary posterior capsulorrhexis) or performed on patients in the amblyogenic developmental stage; with insertion of intraocular (eg, trabecular meshwork, supraciliary, suprachoroidal) anterior segment aqueous drainage device, without extraocular reservoir, internal approach, one or more | 12.13              |  |
| 66991 | Extracapsular cataract removal with insertion of intraocular lens prosthesis (1 stage procedure), manual or mechanical technique (eg, irrigation and aspiration or phacoemulsification); with insertion of intraocular (eg, trabecular meshwork, supraciliary, suprachoroidal) anterior segment aqueous drainage device, without extraocular reservoir, internal approach, one or more  | 9.23               |  |
| 68841 | Insertion of drug-eluting implant, including punctal dilation when performed, into lacrimal canaliculus, each   | 0.49               |  |

| New   |   |                       |  |
|-------|---|-----------------------|--|
| СРТ   | 2022 Description  | wRVU<br>2022<br>Added |  |
| 0671T | Insertion of anterior segment aqueous drainage device into the trabecular meshwork, without external reservoir, and without concomitant cataract removal, one or more | 0.00                  |  |
| 0699T | Injection, posterior chamber of eye, medication   | 0.00                  |  |

|       | Material Revision  |  |              |                            |                             |  |
|-------|--|--|--------------|----------------------------|-----------------------------|--|
| СРТ   | 2022 Description   | Scope of Revision  | wRVU<br>2022 | FY '21<br>Volume<br>Impact | FY '21<br>Charges<br>Impact |  |
| 67141 | Prophylaxis of retinal detachment (eg, retinal break, lattice degeneration) without drainage; cryotherapy, diathermy | "1 or more sessions;" was removed for the 2022 description.                            | 2.53         | 0.00%                      | 0.00%                       |  |
| 67145 | Prophylaxis of retinal detachment (eg, retinal break, lattice degeneration) without drainage; photocoagulation       | "1 or more sessions;" and "(laser or xenon arc)" was removed for the 2022 description. | 2.53         | 0.00%                      | 0.01%                       |  |

|       | Deletions   |                            |                             |  |  |  |
|-------|---|----------------------------|-----------------------------|--|--|--|
| СРТ   | CPT 2021 Description  | FY '21<br>Volume<br>Impact | FY '21<br>Charges<br>Impact |  |  |  |
| 0191T | Insertion of anterior segment aqueous drainage device, without extraocular reservoir, internal approach, into the trabecular meshwork; initial insertion  | 0.00%                      | 0.03%                       |  |  |  |
| 0290T | Corneal incisions in the recipient cornea created using a laser, in preparation for penetrating or lamellar keratoplasty (List separately in addition to code for primary procedure)  | 0.00%                      | 0.00%                       |  |  |  |
| 0376T | Insertion of anterior segment aqueous drainage device, without extraocular reservoir, internal approach, into the trabecular meshwork; each additional device insertion (List separately in addition to code for primary procedure) | 0.00%                      | 0.00%                       |  |  |  |

|  | Crosswalk: Deleted with Replacement Code  |       |       |        |  |
|--|---|-------|-------|--------|--|
|  | Deleted   |       |       |        |  |
| CPT 2021 Description FY '21 FY '21 Volume Charge Impact Impact |   |       |       | CPT(s) |  |
| 0356T  | Insertion of drug-eluting implant (including punctal dilation and implant removal when performed) into lacrimal canaliculus, each | 0.00% | 0.00% | 68841  |  |

# Surgery – Orthopaedic

|       | Material Revision   |  |              |                            |                             |  |
|-------|---|--|--------------|----------------------------|-----------------------------|--|
| СРТ   | 2022 Description  | Scope of Revision  | wRVU<br>2022 | FY '21<br>Volume<br>Impact | FY '21<br>Charges<br>Impact |  |
| 22600 | Arthrodesis, posterior or posterolateral technique, single interspace; cervical below C2 segment  | "level" was replaced with "interspace" for the 2022 description.                                     | 17.40        | 0.00%                      | 0.10%                       |  |
| 22610 | Arthrodesis, posterior or posterolateral technique, single interspace; thoracic (with lateral transverse technique, when performed)   | "level" was replaced with "interspace" for the 2022 description.                                     | 17.28        | 0.00%                      | 0.05%                       |  |
| 22612 | Arthrodesis, posterior or posterolateral technique, single interspace; lumbar (with lateral transverse technique, when performed)   | bar (with lateral transverse technique, 2022 description. 23.53                                      |              | 0.01%                      | 0.49%                       |  |
| 22614 | Arthrodesis, posterior or posterolateral technique, single interspace; each additional interspace (List separately in addition to code for primary procedure)   | "level" was replaced with "interspace" and "vertebral segment" was removed for the 2022 description. | 6.43         | 0.01%                      | 0.41%                       |  |
| 22633 | Arthrodesis, combined posterior or posterolateral technique with posterior interbody technique including laminectomy and/or discectomy sufficient to prepare interspace (other than for decompression), single interspace; lumbar   | "and segment" was removed for the 2022 description.  | 27.75        | 0.00%                      | 0.02%                       |  |
| 22634 | Arthrodesis, combined posterior or posterolateral technique with posterior interbody technique including laminectomy and/or discectomy sufficient to prepare interspace (other than for decompression), single interspace; each additional interspace and segment (List separately in addition to code for primary procedure) | "and segment" was removed for the 2022 description.  | 8.16         | 0.00%                      | 0.00%                       |  |

#### Surgery – Otolaryngology

|       | New  |                    |  |  |
|-------|--|--------------------|--|--|
| СРТ   | 2022 Description   | wRVU 2022<br>Added |  |  |
| 69716 | Implantation, osseointegrated implant, skull; with magnetic transcutaneous attachment to external speech processor   | 9.77               |  |  |
| 69719 | Revision or replacement (including removal of existing device), osseointegrated implant, skull; with magnetic transcutaneous attachment to external speech processor | 9.77               |  |  |

|       | New   |                    |  |  |  |
|-------|---|--------------------|--|--|--|
| СРТ   | 2022 Description  | wRVU 2022<br>Added |  |  |  |
| 69726 | Removal, osseointegrated implant, skull; with percutaneous attachment to external speech processor            | 5.93               |  |  |  |
| 69727 | Removal, osseointegrated implant, skull; with magnetic transcutaneous attachment to external speech processor | 7.13               |  |  |  |

|       | Material Revision   |  |      |                            |                             |  |  |
|-------|---|--|------|----------------------------|-----------------------------|--|--|
| СРТ   | 2022 Description  | Scope of Revision  |      | FY '21<br>Volume<br>Impact | FY '21<br>Charges<br>Impact |  |  |
| 69714 | Implantation, osseointegrated implant, skull; with percutaneous attachment to external speech processor   | "temporal bone" was replaced with "skull" and "/cochlear stimulator; without mastoidectomy" was removed for the 2022 description.                              | 8.69 | 0.00%                      | 0.00%                       |  |  |
| 69717 | Revision or replacement (including removal of existing device), osseointegrated implant, skull; with percutaneous attachment to external speech processor | "Revision or" was added and "temporal bone" was replaced with "skull;" and "/cochlear stimulator; without mastoidectomy" was removed for the 2022 description. | 8.80 | 0.00%                      | 0.00%                       |  |  |

| Crosswalk: Deleted with Replacement Code |  |        |        |  |
|--|--|--------|--------|--|
|  | Deleted                                |        |        | Replacement  |
| <b></b>                                  |  | FY '21 | FY '21 | 207/ )   |
| CPT                                      | 2021 Description                       | Volume | Charge | CPT(s)   |
|  |  | Impact | Impact |  |
|  | Implantation, osseointegrated implant, |        |        | 69501,69502,69505,69511,69530,65935, 69540,69550, 69552, 69554,    |
|  | temporal bone, with percutaneous       |        |        | 69601,   |
| 69715                                    | attachment to external speech          | 0.00%  | 0.00%  | 69602,69603,69604,69610,69620,69631,69632,69633,69635,69636,69637, |
|  | processor/cochlear stimulator; with    |        |        | 69641,69642,69643,69644,69645,69646,69650,69660,69661,69662,69666, |
|  | mastoidectomy                          |        |        | 69667,69670,69676  |

|       | Crosswalk: Deleted with Replacement Code       |        |        |  |  |
|-------|--|--------|--------|--|--|
|       | Deleted  |        |        | Replacement  |  |
|       |  | FY '21 | FY '21 |  |  |
| CPT   | 2021 Description                               | Volume | Charge | CPT(s)   |  |
|       | Impact   | Impact | Impact |  |  |
|       | Replacement (including removal of existing     |        |        | 69501,69502,69505,69511,69530,65935, 69540,69550, 69552, 69554,    |  |
|       | device), osseointegrated implant, temporal     |        |        | 69601,   |  |
| 69718 | bone, with percutaneous attachment to external | 0.00%  | 0.00%  | 69602,69603,69604,69610,69620,69631,69632,69633,69635,69636,69637, |  |
|       | speech processor/cochlear stimulator; with     |        |        | 69641,69642,69643,69644,69645,69646,69650,69660,69661,69662,69666, |  |
|       | mastoidectomy                                  |        |        | 69667,69670,69676  |  |

#### Surgery – Urology

| New   |  |                    |  |  |
|-------|--|--------------------|--|--|
| СРТ   | 2022 Description   | wRVU 2022<br>Added |  |  |
| 53451 | Periurethral transperineal adjustable balloon continence device; bilateral insertion, including cystourethroscopy and imaging guidance                           | 0.00               |  |  |
| 53452 | Periurethral transperineal adjustable balloon continence device; unilateral insertion, including cystourethroscopy and imaging guidance                          | 0.00               |  |  |
| 53453 | Periurethral transperineal adjustable balloon continence device; removal, each balloon   | 0.00               |  |  |
| 53454 | Periurethral transperineal adjustable balloon continence device; percutaneous adjustment of balloon(s) fluid volume  | 0.00               |  |  |
| 0672T | Endovaginal cryogen-cooled, monopolar radiofrequency remodeling of the tissues surrounding the female bladder neck and proximal urethra for urinary incontinence | 0.00               |  |  |

| Crosswalk: Deleted with Replacement Code |   |                            |                         |             |  |
|--|---|----------------------------|-------------------------|-------------|--|
| Deleted                                  |   |                            |                         | Replacement |  |
| СРТ                                      | 2021 Description  | FY '21<br>Volume<br>Impact | FY '21 Charge<br>Impact | CPT(s)      |  |
| 0548T                                    | Transperineal periurethral balloon continence device; bilateral placement, including cystoscopy and fluoroscopy | 0.00%                      | 0.00%                   | 53451       |  |

|         | Crosswalk: Deleted with Replacement Code   |                            |                            |             |  |  |  |
|---------|--|----------------------------|----------------------------|-------------|--|--|--|
| Deleted |  |                            |                            | Replacement |  |  |  |
| СРТ     | 2021 Description   | FY '21<br>Volume<br>Impact | FY '21<br>Charge<br>Impact | CPT(s)      |  |  |  |
| 0549T   | Transperineal periurethral balloon continence device; unilateral placement, including cystoscopy and fluoroscopy | 0.00%                      | 0.00%                      | 53452       |  |  |  |
| 0550T   | Transperineal periurethral balloon continence device; removal, each balloon                                      | 0.00%                      | 0.00%                      | 53453       |  |  |  |
| 0551T   | Transperineal periurethral balloon continence device; adjustment of balloon(s) fluid volume                      | 0.00%                      | 0.00%                      | 53454       |  |  |  |

#### Vaccines

|       | New  |                    |  |  |
|-------|--|--------------------|--|--|
| СРТ   | 2022 Description   | wRVU 2022<br>Added |  |  |
| 90759 | Hepatitis B vaccine (HepB), 3-antigen (S, Pre-S1, Pre-S2), 10 mcg dosage, 3 dose schedule, for intramuscular use | 0.00               |  |  |