CHORUS COMMUNITY HEALTH PLANS

# BadgerCare Plus
# Prior Authorization List

| Type of Code | Code | Description |
|---|---|---|
| CPT-I | 10040 | Acne surgery (eg, marsupialization, opening or removal of multiple milia, comedones, cysts, pustules) |
| CPT-I | 11421 | Excision, benign lesion including margins, except skin tag (unless listed elsewhere), scalp, neck, hands, feet, genitalia; excised diameter 0.6 to 1.0 cm |
| CPT-I | 11440 | Excision, other benign lesion including margins, except skin tag (unless listed elsewhere), face, ears, eyelids, nose, lips, mucous membrane; excised diameter 0.5 cm or less |
| CPT-I | 11441 | Excision, other benign lesion including margins, except skin tag (unless listed elsewhere), face, ears, eyelids, nose, lips, mucous membrane; excised diameter 0.6 to 1.0 cm |
| CPT-I | 11442 | Excision, other benign lesion including margins, except skin tag (unless listed elsewhere), face, ears, eyelids, nose, lips, mucous membrane; excised diameter 1.1 to 2.0 cm |
| CPT-I | 11443 | Excision, other benign lesion including margins, except skin tag (unless listed elsewhere), face, ears, eyelids, nose, lips, mucous membrane; excised diameter 2.1 to 3.0 cm |
| CPT-I | 11444 | Excision, other benign lesion including margins, except skin tag (unless listed elsewhere), face, ears, eyelids, nose, lips, mucous membrane; excised diameter 3.1 to 4.0 cm |
| CPT-I | 11446 | Excision, other benign lesion including margins, except skin tag (unless listed elsewhere), face, ears, eyelids, nose, lips, mucous membrane; excised diameter over 4.0 cm |
| CPT-I | 11950 | Subcutaneous injection of filling material (eg, collagen); 1 cc or less |
| CPT-I | 11951 | Subcutaneous injection of filling material (eg, collagen); 1.1 to 5.0 cc |
| CPT-I | 11952 | Subcutaneous injection of filling material (eg, collagen); 5.1 to 10.0 cc |
| CPT-I | 11954 | Subcutaneous injection of filling material (eg, collagen); over 10.0 cc |
| CPT-I | 11960 | Insertion of tissue expander(s) for other than breast, including subsequent expansion |
| CPT-I | 11970 | Replacement of tissue expander with permanent implant |
| CPT-I | 11971 | Removal of tissue expander without insertion of implant |
| CPT-I | 15777 | Implantation of biologic implant (eg, acellular dermal matrix) for soft tissue reinforcement (ie, breast, trunk) (List separately in addition to code for primary procedure) |
| CPT-I | 15780 | Dermabrasion; total face (eg, for acne scarring, fine wrinkling, rhytids, general keratosis) |
| CPT-I | 15781 | Dermabrasion; segmental, face |
| CPT-I | 15782 | Dermabrasion; regional, other than face |

| Type of Code | Code | Description |
|---|---|---|
| CPT-I | 15786 | Abrasion; single lesion (eg, keratosis, scar) |
| CPT-I | 15787 | Abrasion; each additional 4 lesions or less (List separately in addition to code for primary procedure) |
| CPT-I | 15788 | Chemical peel, facial; epidermal |
| CPT-I | 15789 | Chemical peel, facial; dermal |
| CPT-I | 15792 | Chemical peel, nonfacial; epidermal |
| CPT-I | 15793 | Chemical peel, nonfacial; dermal |
| CPT-I | 15820 | Blepharoplasty, lower eyelid |
| CPT-I | 15821 | Blepharoplasty, lower eyelid; with extensive herniated fat pad |
| CPT-I | 15822 | Blepharoplasty, upper eyelid |
| CPT-I | 15823 | Blepharoplasty, upper eyelid; with excessive skin weighting down lid |
| CPT-I | 15824 | Rhytidectomy; forehead |
| CPT-I | 15825 | Rhytidectomy; neck with platysmal tightening (platysmal flap, P-flap) |
| CPT-I | 15826 | Rhytidectomy; glabellar frown lines |
| CPT-I | 15828 | Rhytidectomy; cheek, chin, and neck |
| CPT-I | 15829 | Rhytidectomy; superficial musculoaponeurotic system (SMAS) flap |
| CPT-I | 15830 | Excision, excessive skin and subcutaneous tissue (includes lipectomy); abdomen, infraumbilical panniculectomy |
| CPT-I | 15832 | Excision, excessive skin and subcutaneous tissue (includes lipectomy); thigh |
| CPT-I | 15833 | Excision, excessive skin and subcutaneous tissue (includes lipectomy); leg |
| CPT-I | 15834 | Excision, excessive skin and subcutaneous tissue (includes lipectomy); hip |
| CPT-I | 15835 | Excision, excessive skin and subcutaneous tissue (includes lipectomy); buttock |
| CPT-I | 15836 | Excision, excessive skin and subcutaneous tissue (includes lipectomy); arm |
| CPT-I | 15837 | Excision, excessive skin and subcutaneous tissue (includes lipectomy); forearm or hand |
| CPT-I | 15838 | Excision, excessive skin and subcutaneous tissue (includes lipectomy); submental fat pad |
| CPT-I | 15839 | Excision, excessive skin and subcutaneous tissue (includes lipectomy); other area |
| CPT-I | 17106 | Destruction of cutaneous vascular proliferative lesions (eg, laser technique); less than 10 sq cm |
| CPT-I | 17107 | Destruction of cutaneous vascular proliferative lesions (eg, laser technique); 10.0 to 50.0 sq cm |

| Type of Code | Code | Description |
|---|---|---|
| CPT-I | 17108 | Destruction of cutaneous vascular proliferative lesions (eg, laser technique); over 50.0 sq cm |
| CPT-I | 17360 | Chemical exfoliation for acne (eg, acne paste, acid) |
| CPT-I | 17999 | Unlisted procedure, skin, mucous membrane and subcutaneous tissue |
| CPT-I | 19300 | Mastectomy for gynecomastia |
| CPT-I | 19316 | Mastopexy |
| CPT-I | 19318 | Breast reduction |
| CPT-I | 19325 | Breast augmentation with implant |
| CPT-I | 19328 | Removal of intact breast implant |
| CPT-I | 19330 | Removal of ruptured breast implant, including implant contents (eg, saline, silicone gel) |
| CPT-I | 19340 | Insertion of breast implant on same day of mastectomy (ie, immediate) |
| CPT-I | 19342 | Insertion or replacement of breast implant on separate day from mastectomy |
| CPT-I | 19350 | Nipple/areola reconstruction |
| CPT-I | 19357 | Tissue expander placement in breast reconstruction, including subsequent expansion(s) |
| CPT-I | 19361 | Breast reconstruction; with latissimus dorsi flap |
| CPT-I | 19364 | Breast reconstruction; with free flap (eg, fTRAM, DIEP, SIEA, GAP flap) |
| CPT-I | 19367 | Breast reconstruction; with single-pedicled transverse rectus abdominis myocutaneous (TRAM) flap |
| CPT-I | 19368 | Breast reconstruction; with single-pedicled transverse rectus abdominis myocutaneous (TRAM) flap, requiring separate microvascular anastomosis (supercharging) |
| CPT-I | 19369 | Breast reconstruction; with bipedicled transverse rectus abdominis myocutaneous (TRAM) flap |
| CPT-I | 19370 | Revision of peri-implant capsule, breast, including capsulotomy, capsulorrhaphy, and/or partial capsulectomy |
| CPT-I | 19380 | Revision of reconstructed breast (eg, significant removal of tissue, re-advancement and/or re-inset of flaps in autologous reconstruction or significant capsular revision combined with soft tissue excision in implant-based reconstruction) |
| CPT-I | 19396 | Preparation of moulage for custom breast implant |
| CPT-I | 19499 | Unlisted procedure, breast |
| CPT-I | 21012 | Excision, tumor, soft tissue of face or scalp, subcutaneous; 2 cm or greater |

| Type of Code | Code | Description |
|---|---|---|
| CPT-I | 21013 | Excision, tumor, soft tissue of face and scalp, subfascial (eg, subgaleal, intramuscular); less than 2 cm |
| CPT-I | 21029 | Removal by contouring of benign tumor of facial bone (eg, fibrous dysplasia) |
| CPT-I | 21085 | Impression and custom preparation; oral surgical splint |
| CPT-I | 21120 | Genioplasty; augmentation (autograft, allograft, prosthetic material) |
| CPT-I | 21121 | Genioplasty; sliding osteotomy, single piece |
| CPT-I | 21122 | Genioplasty; sliding osteotomies, 2 or more osteotomies (eg, wedge excision or bone wedge reversal for asymmetrical chin) |
| CPT-I | 21123 | Genioplasty; sliding, augmentation with interpositional bone grafts (includes obtaining autografts) |
| CPT-I | 21125 | Augmentation, mandibular body or angle; prosthetic material |
| CPT-I | 21127 | Augmentation, mandibular body or angle; with bone graft, onlay or interpositional (includes obtaining autograft) |
| CPT-I | 21137 | Reduction forehead; contouring only |
| CPT-I | 21138 | Reduction forehead; contouring and application of prosthetic material or bone graft (includes obtaining autograft) |
| CPT-I | 21139 | Reduction forehead; contouring and setback of anterior frontal sinus wall |
| CPT-I | 21141 | Reconstruction midface, LeFort I; single piece, segment movement in any direction (eg, for Long Face Syndrome), without bone graft |
| CPT-I | 21142 | Reconstruction midface, LeFort I; 2 pieces, segment movement in any direction, without bone graft |
| CPT-I | 21143 | Reconstruction midface, LeFort I; 3 or more pieces, segment movement in any direction, without bone graft |
| CPT-I | 21145 | Reconstruction midface, LeFort I; single piece, segment movement in any direction, requiring bone grafts (includes obtaining autografts) |
| CPT-I | 21146 | Reconstruction midface, LeFort I; 2 pieces, segment movement in any direction, requiring bone grafts (includes obtaining autografts) (eg, ungrafted unilateral alveolar cleft) |
| CPT-I | 21147 | Reconstruction midface, LeFort I; 3 or more pieces, segment movement in any direction, requiring bone grafts (includes obtaining autografts) (eg, ungrafted bilateral alveolar cleft or multiple osteotomies) |
| CPT-I | 21150 | Reconstruction midface, LeFort II; anterior intrusion (eg, Treacher-Collins Syndrome) |

| Type of Code | Code | Description |
|---|---|---|
| CPT-I | 21151 | Reconstruction midface, LeFort II; any direction, requiring bone grafts (includes obtaining autografts) |
| CPT-I | 21154 | Reconstruction midface, LeFort III (extracranial), any type, requiring bone grafts (includes obtaining autografts); without LeFort I |
| CPT-I | 21155 | Reconstruction midface, LeFort III (extracranial), any type, requiring bone grafts (includes obtaining autografts); with LeFort I |
| CPT-I | 21159 | Reconstruction midface, LeFort III (extra and intracranial) with forehead advancement (eg, mono bloc), requiring bone grafts (includes obtaining autografts); without LeFort I |
| CPT-I | 21160 | Reconstruction midface, LeFort III (extra and intracranial) with forehead advancement (eg, mono bloc), requiring bone grafts (includes obtaining autografts); with LeFort I |
| CPT-I | 21172 | Reconstruction superior-lateral orbital rim and lower forehead, advancement or alteration, with or without grafts (includes obtaining autografts) |
| CPT-I | 21179 | Reconstruction, entire or majority of forehead and/or supraorbital rims; with grafts (allograft or prosthetic material) |
| CPT-I | 21180 | Reconstruction, entire or majority of forehead and/or supraorbital rims; with autograft (includes obtaining grafts) |
| CPT-I | 21181 | Reconstruction by contouring of benign tumor of cranial bones (eg, fibrous dysplasia), extracranial |
| CPT-I | 21182 | Reconstruction of orbital walls, rims, forehead, nasoethmoid complex following intra- and extracranial excision of benign tumor of cranial bone (eg, fibrous dysplasia), with multiple autografts (includes obtaining grafts); total area of bone grafting less than 40 sq cm |
| CPT-I | 21183 | Reconstruction of orbital walls, rims, forehead, nasoethmoid complex following intra- and extracranial excision of benign tumor of cranial bone (eg, fibrous dysplasia), with multiple autografts (includes obtaining grafts); total area of bone grafting greater than 40 sq cm but less than 80 sq cm |
| CPT-I | 21184 | Reconstruction of orbital walls, rims, forehead, nasoethmoid complex following intra- and extracranial excision of benign tumor of cranial bone (eg, fibrous dysplasia), with multiple autografts (includes obtaining grafts); total area of bone grafting greater than 80 sq cm |
| CPT-I | 21188 | Reconstruction midface, osteotomies (other than LeFort type) and bone grafts (includes obtaining autografts) |
| CPT-I | 21193 | Reconstruction of mandibular rami, horizontal, vertical, C, or L osteotomy; without bone graft |

| Type of Code | Code | Description |
|---|---|---|
| CPT-I | 21194 | Reconstruction of mandibular rami, horizontal, vertical, C, or L osteotomy; with bone graft (includes obtaining graft) |
| CPT-I | 21195 | Reconstruction of mandibular rami and/or body, sagittal split; without internal rigid fixation |
| CPT-I | 21196 | Reconstruction of mandibular rami and/or body, sagittal split; with internal rigid fixation |
| CPT-I | 21198 | Osteotomy, mandible, segmental |
| CPT-I | 21199 | Osteotomy, mandible, segmental; with genioglossus advancement |
| CPT-I | 21206 | Osteotomy, maxilla, segmental (eg, Wassmund or Schuchard) |
| CPT-I | 21208 | Osteoplasty, facial bones; augmentation (autograft, allograft, or prosthetic implant) |
| CPT-I | 21209 | Osteoplasty, facial bones; reduction |
| CPT-I | 21210 | Graft, bone; nasal, maxillary or malar areas (includes obtaining graft) |
| CPT-I | 21215 | Graft, bone; mandible (includes obtaining graft) |
| CPT-I | 21230 | Graft; rib cartilage, autogenous, to face, chin, nose or ear (includes obtaining graft) |
| CPT-I | 21235 | Graft; ear cartilage, autogenous, to nose or ear (includes obtaining graft) |
| CPT-I | 21240 | Arthroplasty, temporomandibular joint, with or without autograft (includes obtaining graft) |
| CPT-I | 21242 | Arthroplasty, temporomandibular joint, with allograft |
| CPT-I | 21243 | Arthroplasty, temporomandibular joint, with prosthetic joint replacement |
| CPT-I | 21244 | Reconstruction of mandible, extraoral, with transosteal bone plate (eg, mandibular staple bone plate) |
| CPT-I | 21245 | Reconstruction of mandible or maxilla, subperiosteal implant; partial |
| CPT-I | 21246 | Reconstruction of mandible or maxilla, subperiosteal implant; complete |
| CPT-I | 21247 | Reconstruction of mandibular condyle with bone and cartilage autografts (includes obtaining grafts) (eg, for hemifacial microsomia) |
| CPT-I | 21248 | Reconstruction of mandible or maxilla, endosteal implant (eg, blade, cylinder); partial |
| CPT-I | 21249 | Reconstruction of mandible or maxilla, endosteal implant (eg, blade, cylinder); complete |
| CPT-I | 21255 | Reconstruction of zygomatic arch and glenoid fossa with bone and cartilage (includes obtaining autografts) |
| CPT-I | 21256 | Reconstruction of orbit with osteotomies (extracranial) and with bone grafts (includes obtaining autografts) (eg, micro-ophthalmia) |

| Type of Code | Code | Description |
|---|---|---|
| CPT-I | 21260 | Periorbital osteotomies for orbital hypertelorism, with bone grafts; extracranial approach |
| CPT-I | 21261 | Periorbital osteotomies for orbital hypertelorism, with bone grafts; combined intra- and extracranial approach |
| CPT-I | 21263 | Periorbital osteotomies for orbital hypertelorism, with bone grafts; with forehead advancement |
| CPT-I | 21267 | Orbital repositioning, periorbital osteotomies, unilateral, with bone grafts; extracranial approach |
| CPT-I | 21268 | Orbital repositioning, periorbital osteotomies, unilateral, with bone grafts; combined intra- and extracranial approach |
| CPT-I | 21270 | Malar augmentation, prosthetic material |
| CPT-I | 21275 | Secondary revision of orbitocraniofacial reconstruction |
| CPT-I | 21280 | Medial canthopexy (separate procedure) |
| CPT-I | 21282 | Lateral canthopexy |
| CPT-I | 21295 | Reduction of masseter muscle and bone (eg, for treatment of benign masseteric hypertrophy); extraoral approach |
| CPT-I | 21296 | Reduction of masseter muscle and bone (eg, for treatment of benign masseteric hypertrophy); intraoral approach |
| CPT-I | 21552 | Excision, tumor, soft tissue of neck or anterior thorax, subcutaneous; 3 cm or greater |
| CPT-I | 21555 | Excision, tumor, soft tissue of neck or anterior thorax, subcutaneous; less than 3 cm |
| CPT-I | 21740 | Reconstructive repair of pectus excavatum or carinatum; open |
| CPT-I | 22902 | Excision, tumor, soft tissue of abdominal wall, subcutaneous; less than 3 cm |
| CPT-I | 22903 | Excision, tumor, soft tissue of abdominal wall, subcutaneous; 3 cm or greater |
| CPT-I | 23071 | Excision, tumor, soft tissue of shoulder area, subcutaneous; 3 cm or greater |
| CPT-I | 23075 | Excision, tumor, soft tissue of shoulder area, subcutaneous; less than 3 cm |
| CPT-I | 24071 | Excision, tumor, soft tissue of upper arm or elbow area, subcutaneous; 3 cm or greater |
| CPT-I | 24075 | Excision, tumor, soft tissue of upper arm or elbow area, subcutaneous; less than 3 cm |
| CPT-I | 30120 | Excision or surgical planing of skin of nose for rhinophyma |
| CPT-I | 30400 | Rhinoplasty, primary; lateral and alar cartilages and/or elevation of nasal tip |

| Type of Code | Code | Description |
|---|---|---|
| CPT-I | 30410 | Rhinoplasty, primary; complete, external parts including bony pyramid, lateral and alar cartilages, and/or elevation of nasal tip |
| CPT-I | 30420 | Rhinoplasty, primary; including major septal repair |
| CPT-I | 30430 | Rhinoplasty, secondary; minor revision (small amount of nasal tip work) |
| CPT-I | 30435 | Rhinoplasty, secondary; intermediate revision (bony work with osteotomies) |
| CPT-I | 30450 | Rhinoplasty, secondary; major revision (nasal tip work and osteotomies) |
| CPT-I | 30460 | Rhinoplasty for nasal deformity secondary to congenital cleft lip and/or palate, including columellar lengthening; tip only |
| CPT-I | 30462 | Rhinoplasty for nasal deformity secondary to congenital cleft lip and/or palate, including columellar lengthening; tip, septum, osteotomies |
| CPT-I | 30465 | Repair of nasal vestibular stenosis (eg, spreader grafting, lateral nasal wall reconstruction) |
| CPT-I | 30520 | Septoplasty or submucous resection, with or without cartilage scoring, contouring or replacement with graft |
| CPT-I | 30545 | Repair choanal atresia; transpalatine |
| CPT-I | 30620 | Septal or other intranasal dermatoplasty (does not include obtaining graft) |
| CPT-I | 30630 | Repair nasal septal perforations |
| CPT-I | 30999 | Unlisted procedure, nose |
| CPT-I | 32850 | Donor pneumonectomy(s) (including cold preservation), from cadaver donor |
| CPT-I | 32851 | Lung transplant, single; without cardiopulmonary bypass |
| CPT-I | 32852 | Lung transplant, single; with cardiopulmonary bypass |
| CPT-I | 32853 | Lung transplant, double (bilateral sequential or en bloc); without cardiopulmonary bypass |
| CPT-I | 32854 | Lung transplant, double (bilateral sequential or en bloc); with cardiopulmonary bypass |
| CPT-I | 32855 | Backbench standard preparation of cadaver donor lung allograft prior to transplantation, including dissection of allograft from surrounding soft tissues to prepare pulmonary venous/atrial cuff, pulmonary artery, and bronchus; unilateral |

| Type of Code | Code | Description |
|---|---|---|
| CPT-I | 32856 | Backbench standard preparation of cadaver donor lung allograft prior to transplantation, including dissection of allograft from surrounding soft tissues to prepare pulmonary venous/atrial cuff, pulmonary artery, and bronchus; bilateral |
| CPT-I | 33927 | Implantation of a total replacement heart system (artificial heart) with recipient cardiectomy |
| CPT-I | 33928 | Removal and replacement of total replacement heart system (artificial heart) |
| CPT-I | 33929 | Removal of a total replacement heart system (artificial heart) for heart transplantation (List separately in addition to code for primary procedure) |
| CPT-I | 33930 | Donor cardiectomy-pneumonectomy (including cold preservation) |
| CPT-I | 33933 | Backbench standard preparation of cadaver donor heart/lung allograft prior to transplantation, including dissection of allograft from surrounding soft tissues to prepare aorta, superior vena cava, inferior vena cava, and trachea for implantation |
| CPT-I | 33935 | Heart-lung transplant with recipient cardiectomy-pneumonectomy |
| CPT-I | 33940 | Donor cardiectomy (including cold preservation) |
| CPT-I | 33944 | Backbench standard preparation of cadaver donor heart allograft prior to transplantation, including dissection of allograft from surrounding soft tissues to prepare aorta, superior vena cava, inferior vena cava, pulmonary artery, and left atrium for implantation |
| CPT-I | 33945 | Heart transplant, with or without recipient cardiectomy |
| CPT-I | 33975 | Insertion of ventricular assist device; extracorporeal, single ventricle |
| CPT-I | 33976 | Insertion of ventricular assist device; extracorporeal, biventricular |
| CPT-I | 33977 | Removal of ventricular assist device; extracorporeal, single ventricle |
| CPT-I | 33978 | Removal of ventricular assist device; extracorporeal, biventricular |
| CPT-I | 33979 | Insertion of ventricular assist device, implantable intracorporeal, single ventricle |
| CPT-I | 33980 | Removal of ventricular assist device, implantable intracorporeal, single ventricle |
| CPT-I | 33981 | Replacement of extracorporeal ventricular assist device, single or biventricular, pump(s), single or each pump |
| CPT-I | 33982 | Replacement of ventricular assist device pump(s); implantable intracorporeal, single ventricle, without cardiopulmonary bypass |

| Type of Code | Code | Description |
|---|---|---|
| CPT-I | 33983 | Replacement of ventricular assist device pump(s); implantable intracorporeal, single ventricle, with cardiopulmonary bypass |
| CPT-I | 33990 | Insertion of ventricular assist device, percutaneous, including radiological supervision and interpretation; left heart, arterial access only |
| CPT-I | 33991 | Insertion of ventricular assist device, percutaneous, including radiological supervision and interpretation; left heart, both arterial and venous access, with transseptal puncture |
| CPT-I | 33992 | Removal of percutaneous left heart ventricular assist device, arterial or arterial and venous cannula(s), at separate and distinct session from insertion |
| CPT-I | 36470 | Injection of sclerosant; single incompetent vein (other than telangiectasia) |
| CPT-I | 36471 | Injection of sclerosant; multiple incompetent veins (other than telangiectasia), same leg |
| CPT-I | 36473 | Endovenous ablation therapy of incompetent vein, extremity, inclusive of all imaging guidance and monitoring, percutaneous, mechanochemical; first vein treated |
| CPT-I | 36474 | Endovenous ablation therapy of incompetent vein, extremity, inclusive of all imaging guidance and monitoring, percutaneous, mechanochemical; subsequent vein(s) treated in a single extremity, each through separate access sites (List separately in addition to code for primary procedure) |
| CPT-I | 36475 | Endovenous ablation therapy of incompetent vein, extremity, inclusive of all imaging guidance and monitoring, percutaneous, radiofrequency; first vein treated |
| CPT-I | 36476 | Endovenous ablation therapy of incompetent vein, extremity, inclusive of all imaging guidance and monitoring, percutaneous, radiofrequency; subsequent vein(s) treated in a single extremity, each through separate access sites (List separately in addition to code for primary procedure) |
| CPT-I | 36478 | Endovenous ablation therapy of incompetent vein, extremity, inclusive of all imaging guidance and monitoring, percutaneous, laser; first vein treated |
| CPT-I | 37700 | Ligation and division of long saphenous vein at saphenofemoral junction, or distal interruptions |
| CPT-I | 37718 | Ligation, division, and stripping, short saphenous vein |
| CPT-I | 37722 | Ligation, division, and stripping, long (greater) saphenous veins from saphenofemoral junction to knee or below |
| CPT-I | 37735 | Ligation and division and complete stripping of long or short saphenous veins with radical excision of ulcer and skin graft and/or interruption of communicating veins of lower leg, with excision of deep fascia |

| Type of Code | Code | Description |
|---|---|---|
| CPT-I | 37760 | Ligation of perforator veins, subfascial, radical (Linton type), including skin graft, when performed, open,1 leg |
| CPT-I | 37761 | Ligation of perforator vein(s), subfascial, open, including ultrasound guidance, when performed, 1 leg |
| CPT-I | 37765 | Stab phlebectomy of varicose veins, 1 extremity; 10-20 stab incisions |
| CPT-I | 37766 | Stab phlebectomy of varicose veins, 1 extremity; more than 20 incisions |
| CPT-I | 37780 | Ligation and division of short saphenous vein at saphenopopliteal junction (separate procedure) |
| CPT-I | 37785 | Ligation, division, and/or excision of varicose vein cluster(s), 1 leg |
| CPT-I | 38230 | Bone marrow harvesting for transplantation; allogeneic |
| CPT-I | 38232 | Bone marrow harvesting for transplantation; autologous |
| CPT-I | 38240 | Hematopoietic progenitor cell (HPC); allogeneic transplantation per donor |
| CPT-I | 38241 | Hematopoietic progenitor cell (HPC); autologous transplantation |
| CPT-I | 38243 | Hematopoietic progenitor cell (HPC); HPC boost |
| CPT-I | 40500 | Vermilionectomy (lip shave), with mucosal advancement |
| CPT-I | 40510 | Excision of lip; transverse wedge excision with primary closure |
| CPT-I | 40520 | Excision of lip; V-excision with primary direct linear closure |
| CPT-I | 40525 | Excision of lip; full thickness, reconstruction with local flap (eg, Estlander or fan) |
| CPT-I | 40527 | Excision of lip; full thickness, reconstruction with cross lip flap (Abbe-Estlander) |
| CPT-I | 40530 | Resection of lip, more than one-fourth, without reconstruction |
| CPT-I | 40652 | Repair lip, full thickness; up to half vertical height |
| CPT-I | 40654 | Repair lip, full thickness; over one-half vertical height, or complex |
| CPT-I | 40700 | Plastic repair of cleft lip/nasal deformity; primary, partial or complete, unilateral |
| CPT-I | 40701 | Plastic repair of cleft lip/nasal deformity; primary bilateral, 1-stage procedure |
| CPT-I | 40702 | Plastic repair of cleft lip/nasal deformity; primary bilateral, 1 of 2 stages |
| CPT-I | 40720 | Plastic repair of cleft lip/nasal deformity; secondary, by recreation of defect and reclosure |
| CPT-I | 40761 | Plastic repair of cleft lip/nasal deformity; with cross lip pedicle flap (Abbe-Estlander type), including sectioning and inserting of pedicle |
| CPT-I | 40799 | Unlisted procedure, lips |

| Type of Code | Code | Description |
|---|---|---|
| CPT-I | 42200 | Palatoplasty for cleft palate, soft and/or hard palate only |
| CPT-I | 42205 | Palatoplasty for cleft palate, with closure of alveolar ridge; soft tissue only |
| CPT-I | 42210 | Palatoplasty for cleft palate, with closure of alveolar ridge; with bone graft to alveolar ridge (includes obtaining graft) |
| CPT-I | 42215 | Palatoplasty for cleft palate; major revision |
| CPT-I | 42220 | Palatoplasty for cleft palate; secondary lengthening procedure |
| CPT-I | 42225 | Palatoplasty for cleft palate; attachment pharyngeal flap |
| CPT-I | 42226 | Lengthening of palate, and pharyngeal flap |
| CPT-I | 42227 | Lengthening of palate, with island flap |
| CPT-I | 42235 | Repair of anterior palate, including vomer flap |
| CPT-I | 42260 | Repair of nasolabial fistula |
| CPT-I | 43644 | Laparoscopy, surgical, gastric restrictive procedure; with gastric bypass and Roux-en-Y gastroenterostomy (roux limb 150 cm or less) |
| CPT-I | 43645 | Laparoscopy, surgical, gastric restrictive procedure; with gastric bypass and small intestine reconstruction to limit absorption |
| CPT-I | 43647 | Laparoscopy, surgical; implantation or replacement of gastric neurostimulator electrodes, antrum |
| CPT-I | 43770 | Laparoscopy, surgical, gastric restrictive procedure; placement of adjustable gastric restrictive device (eg, gastric band and subcutaneous port components) |
| CPT-I | 43771 | Laparoscopy, surgical, gastric restrictive procedure; revision of adjustable gastric restrictive device component only |
| CPT-I | 43773 | Laparoscopy, surgical, gastric restrictive procedure; removal and replacement of adjustable gastric restrictive device component only |
| CPT-I | 43775 | Laparoscopy, surgical, gastric restrictive procedure; longitudinal gastrectomy (ie, sleeve gastrectomy) |
| CPT-I | 43842 | Gastric restrictive procedure, without gastric bypass, for morbid obesity; vertical-banded gastroplasty |
| CPT-I | 43843 | Gastric restrictive procedure, without gastric bypass, for morbid obesity; other than vertical-banded gastroplasty |

| Type of Code | Code | Description |
|---|---|---|
| CPT-I | 43846 | Gastric restrictive procedure, with gastric bypass for morbid obesity; with short limb (150 cm or less) Roux-en-Y gastroenterostomy |
| CPT-I | 43847 | Gastric restrictive procedure, with gastric bypass for morbid obesity; with small intestine reconstruction to limit absorption |
| CPT-I | 43848 | Revision, open, of gastric restrictive procedure for morbid obesity, other than adjustable gastric restrictive device (separate procedure) |
| CPT-I | 43886 | Gastric restrictive procedure, open; revision of subcutaneous port component only |
| CPT-I | 43887 | Gastric restrictive procedure, open; removal of subcutaneous port component only |
| CPT-I | 43888 | Gastric restrictive procedure, open; removal and replacement of subcutaneous port component only |
| CPT-I | 44715 | Backbench standard preparation of cadaver or living donor intestine allograft prior to transplantation, including mobilization and fashioning of the superior mesenteric artery and vein |
| CPT-I | 44720 | Backbench reconstruction of cadaver or living donor intestine allograft prior to transplantation; venous anastomosis, each |
| CPT-I | 44721 | Backbench reconstruction of cadaver or living donor intestine allograft prior to transplantation; arterial anastomosis, each |
| CPT-I | 47133 | Donor hepatectomy (including cold preservation), from cadaver donor |
| CPT-I | 47135 | Liver allotransplantation, orthotopic, partial or whole, from cadaver or living donor, any age |
| CPT-I | 47140 | Donor hepatectomy (including cold preservation), from living donor; left lateral segment only (segments II and III) |
| CPT-I | 47141 | Donor hepatectomy (including cold preservation), from living donor; total left lobectomy (segments II, III and IV) |
| CPT-I | 47142 | Donor hepatectomy (including cold preservation), from living donor; total right lobectomy (segments V, VI, VII and VIII) |
| CPT-I | 47143 | Backbench standard preparation of cadaver donor whole liver graft prior to allotransplantation, including cholecystectomy, if necessary, and dissection and removal of surrounding soft tissues to prepare the vena cava, portal vein, hepatic artery, and common bile duct for implantation; without trisegment or lobe split |

| Type of Code | Code | Description |
|---|---|---|
| CPT-I | 47144 | Backbench standard preparation of cadaver donor whole liver graft prior to allotransplantation, including cholecystectomy, if necessary, and dissection and removal of surrounding soft tissues to prepare the vena cava, portal vein, hepatic artery, and common bile duct for implantation; with trisegment split of whole liver graft into 2 partial liver grafts (ie, left lateral segment [segments II and III] and right trisegment [segments I and IV through VIII]) |
| CPT-I | 47145 | Backbench standard preparation of cadaver donor whole liver graft prior to allotransplantation, including cholecystectomy, if necessary, and dissection and removal of surrounding soft tissues to prepare the vena cava, portal vein, hepatic artery, and common bile duct for implantation; with lobe split of whole liver graft into 2 partial liver grafts (ie, left lobe [segments II, III, and IV] and right lobe [segments I and V through VIII]) |
| CPT-I | 47146 | Backbench reconstruction of cadaver or living donor liver graft prior to allotransplantation; venous anastomosis, each |
| CPT-I | 47147 | Backbench reconstruction of cadaver or living donor liver graft prior to allotransplantation; arterial anastomosis, each |
| CPT-I | 48160 | Pancreatectomy, total or subtotal, with autologous transplantation of pancreas or pancreatic islet cells |
| CPT-I | 48550 | Donor pancreatectomy (including cold preservation), with or without duodenal segment for transplantation |
| CPT-I | 48551 | Backbench standard preparation of cadaver donor pancreas allograft prior to transplantation, including dissection of allograft from surrounding soft tissues, splenectomy, duodenotomy, ligation of bile duct, ligation of mesenteric vessels, and Y-graft arterial anastomoses from iliac artery to superior mesenteric artery and to splenic artery |
| CPT-I | 48552 | Backbench reconstruction of cadaver donor pancreas allograft prior to transplantation, venous anastomosis, each |
| CPT-I | 48554 | Transplantation of pancreatic allograft |
| CPT-I | 48556 | Removal of transplanted pancreatic allograft |
| CPT-I | 50300 | Donor nephrectomy (including cold preservation); from cadaver donor, unilateral or bilateral |
| CPT-I | 50320 | Donor nephrectomy (including cold preservation); open, from living donor |

| Type of Code | Code | Description |
|---|---|---|
| CPT-I | 50323 | Backbench standard preparation of cadaver donor renal allograft prior to transplantation, including dissection and removal of perinephric fat, diaphragmatic and retroperitoneal attachments, excision of adrenal gland, and preparation of ureter(s), renal vein(s), and renal artery(s), ligating branches, as necessary |
| CPT-I | 50325 | Backbench standard preparation of living donor renal allograft (open or laparoscopic) prior to transplantation, including dissection and removal of perinephric fat and preparation of ureter(s), renal vein(s), and renal artery(s), ligating branches, as necessary |
| CPT-I | 50327 | Backbench reconstruction of cadaver or living donor renal allograft prior to transplantation; venous anastomosis, each |
| CPT-I | 50328 | Backbench reconstruction of cadaver or living donor renal allograft prior to transplantation; arterial anastomosis, each |
| CPT-I | 50329 | Backbench reconstruction of cadaver or living donor renal allograft prior to transplantation; ureteral anastomosis, each |
| CPT-I | 50360 | Renal allotransplantation, implantation of graft; without recipient nephrectomy |
| CPT-I | 50365 | Renal allotransplantation, implantation of graft; with recipient nephrectomy |
| CPT-I | 50380 | Renal autotransplantation, reimplantation of kidney |
| CPT-I | 55175 | Scrotoplasty; simple |
| CPT-I | 55180 | Scrotoplasty; complicated |
| CPT-I | 62292 | Injection procedure for chemonucleolysis, including discography, intervertebral disc, single or multiple levels, lumbar |
| CPT-I | 62320 | Injection(s), of diagnostic or therapeutic substance(s) (eg, anesthetic, antispasmodic, opioid, steroid, other solution), not including neurolytic substances, including needle or catheter placement, interlaminar epidural or subarachnoid, cervical or thoracic; without imaging guidance |
| CPT-I | 62321 | Injection(s), of diagnostic or therapeutic substance(s) (eg, anesthetic, antispasmodic, opioid, steroid, other solution), not including neurolytic substances, including needle or catheter placement, interlaminar epidural or subarachnoid, cervical or thoracic; with imaging guidance (ie, fluoroscopy or CT) |

| Type of Code | Code | Description |
|---|---|---|
| CPT-I | 62322 | Injection(s), of diagnostic or therapeutic substance(s) (eg, anesthetic, antispasmodic, opioid, steroid, other solution), not including neurolytic substances, including needle or catheter placement, interlaminar epidural or subarachnoid, lumbar or sacral (caudal); without imaging guidance |
| CPT-I | 62323 | Injection(s), of diagnostic or therapeutic substance(s) (eg, anesthetic, antispasmodic, opioid, steroid, other solution), not including neurolytic substances, including needle or catheter placement, interlaminar epidural or subarachnoid, lumbar or sacral (caudal); with imaging guidance (ie, fluoroscopy or CT) |
| CPT-I | 62350 | Implantation, revision or repositioning of tunneled intrathecal or epidural catheter, for long-term medication administration via an external pump or implantable reservoir/infusion pump; without laminectomy |
| CPT-I | 62360 | Implantation or replacement of device for intrathecal or epidural drug infusion; subcutaneous reservoir |
| CPT-I | 62361 | Implantation or replacement of device for intrathecal or epidural drug infusion; nonprogrammable pump |
| CPT-I | 62362 | Implantation or replacement of device for intrathecal or epidural drug infusion; programmable pump, including preparation of pump, with or without programming |
| CPT-I | 63650 | Percutaneous implantation of neurostimulator electrode array, epidural |
| CPT-I | 63655 | Laminectomy for implantation of neurostimulator electrodes, plate/paddle, epidural |
| CPT-I | 63685 | Insertion or replacement of spinal neurostimulator pulse generator or receiver, direct or inductive coupling |
| CPT-I | 63688 | Revision or removal of implanted spinal neurostimulator pulse generator or receiver |
| CPT-I | 64479 | Injection(s), anesthetic agent(s) and/or steroid; transforaminal epidural, with imaging guidance (fluoroscopy or CT), cervical or thoracic, single level |
| CPT-I | 64480 | Injection(s), anesthetic agent(s) and/or steroid; transforaminal epidural, with imaging guidance (fluoroscopy or CT), cervical or thoracic, each additional level (List separately in addition to code for primary procedure) |
| CPT-I | 64483 | Injection(s), anesthetic agent(s) and/or steroid; transforaminal epidural, with imaging guidance (fluoroscopy or CT), lumbar or sacral, single level |
| CPT-I | 64484 | Injection(s), anesthetic agent(s) and/or steroid; transforaminal epidural, with imaging guidance (fluoroscopy or CT), lumbar or sacral, each additional level (List separately in addition to code for primary procedure) |
| CPT-I | 64510 | Injection, anesthetic agent; stellate ganglion (cervical sympathetic) |

| Type of Code | Code | Description |
|---|---|---|
| CPT-I | 64517 | Injection, anesthetic agent; superior hypogastric plexus |
| CPT-I | 64520 | Injection, anesthetic agent; lumbar or thoracic (paravertebral sympathetic) |
| CPT-I | 64553 | Percutaneous implantation of neurostimulator electrode array; cranial nerve |
| CPT-I | 64555 | Percutaneous implantation of neurostimulator electrode array; peripheral nerve (excludes sacral nerve) |
| CPT-I | 64561 | Percutaneous implantation of neurostimulator electrode array; sacral nerve (transforaminal placement) including image guidance, if performed |
| CPT-I | 64581 | Open implantation of neurostimulator electrode array; sacral nerve (transforaminal placement) |
| CPT-I | 64590 | Insertion or replacement of peripheral or gastric neurostimulator pulse generator or receiver, direct or inductive coupling |
| CPT-I | 64595 | Revision or removal of peripheral or gastric neurostimulator pulse generator or receiver |
| CPT-I | 64633 | Destruction by neurolytic agent, paravertebral facet joint nerve(s), with imaging guidance (fluoroscopy or CT); cervical or thoracic, single facet joint |
| CPT-I | 64634 | Destruction by neurolytic agent, paravertebral facet joint nerve(s), with imaging guidance (fluoroscopy or CT); cervical or thoracic, each additional facet joint (List separately in addition to code for primary procedure) |
| CPT-I | 64635 | Destruction by neurolytic agent, paravertebral facet joint nerve(s), with imaging guidance (fluoroscopy or CT); lumbar or sacral, single facet joint |
| CPT-I | 64636 | Destruction by neurolytic agent, paravertebral facet joint nerve(s), with imaging guidance (fluoroscopy or CT); lumbar or sacral, each additional facet joint (List separately in addition to code for primary procedure) |
| CPT-I | 67880 | Construction of intermarginal adhesions, median tarsorrhaphy, or canthorrhaphy |
| CPT-I | 67882 | Construction of intermarginal adhesions, median tarsorrhaphy, or canthorrhaphy; with transposition of tarsal plate |
| CPT-I | 67900 | Repair of brow ptosis (supraciliary, mid-forehead or coronal approach) |
| CPT-I | 67901 | Repair of blepharoptosis; frontalis muscle technique with suture or other material (eg, banked fascia) |
| CPT-I | 67902 | Repair of blepharoptosis; frontalis muscle technique with autologous fascial sling (includes obtaining fascia) |
| CPT-I | 67903 | Repair of blepharoptosis; (tarso) levator resection or advancement, internal approach |

| Type of Code | Code | Description |
|---|---|---|
| CPT-I | 67904 | Repair of blepharoptosis; (tarso) levator resection or advancement, external approach |
| CPT-I | 67906 | Repair of blepharoptosis; superior rectus technique with fascial sling (includes obtaining fascia) |
| CPT-I | 67908 | Repair of blepharoptosis; conjunctivo-tarso-Muller's muscle-levator resection (eg, Fasanella-Servat type) |
| CPT-I | 67909 | Reduction of overcorrection of ptosis |
| CPT-I | 67911 | Correction of lid retraction |
| CPT-I | 67912 | Correction of lagophthalmos, with implantation of upper eyelid lid load (eg, gold weight) |
| CPT-I | 67914 | Repair of ectropion; suture |
| CPT-I | 67915 | Repair of ectropion; thermocauterization |
| CPT-I | 67916 | Repair of ectropion; excision tarsal wedge |
| CPT-I | 67917 | Repair of ectropion; extensive (eg, tarsal strip operations) |
| CPT-I | 67921 | Repair of entropion; suture |
| CPT-I | 67922 | Repair of entropion; thermocauterization |
| CPT-I | 67923 | Repair of entropion; excision tarsal wedge |
| CPT-I | 67924 | Repair of entropion; extensive (eg, tarsal strip or capsulopalpebral fascia repairs operation) |
| CPT-I | 67950 | Canthoplasty (reconstruction of canthus) |
| CPT-I | 67961 | Excision and repair of eyelid, involving lid margin, tarsus, conjunctiva, canthus, or full thickness, may include preparation for skin graft or pedicle flap with adjacent tissue transfer or rearrangement; up to one-fourth of lid margin |
| CPT-I | 67966 | Excision and repair of eyelid, involving lid margin, tarsus, conjunctiva, canthus, or full thickness, may include preparation for skin graft or pedicle flap with adjacent tissue transfer or rearrangement; over one-fourth of lid margin |
| CPT-I | 67971 | Reconstruction of eyelid, full thickness by transfer of tarsoconjunctival flap from opposing eyelid; up to two-thirds of eyelid, 1 stage or first stage |
| CPT-I | 67973 | Reconstruction of eyelid, full thickness by transfer of tarsoconjunctival flap from opposing eyelid; total eyelid, lower, 1 stage or first stage |
| CPT-I | 67974 | Reconstruction of eyelid, full thickness by transfer of tarsoconjunctival flap from opposing eyelid; total eyelid, upper, 1 stage or first stage |

| Type of Code | Code | Description |
|---|---|---|
| CPT-I | 67975 | Reconstruction of eyelid, full thickness by transfer of tarsoconjunctival flap from opposing eyelid; second stage |
| CPT-I | 67999 | Unlisted procedure, eyelids |
| CPT-I | 69300 | Otoplasty, protruding ear, with or without size reduction |
| CPT-I | 69399 | Unlisted procedure, external ear |
| CPT-I | 81105 | Human Platelet Antigen 1 genotyping (HPA-1), ITGB3 (integrin, beta 3 [platelet glycoprotein IIIa], antigen CD61 [GPIIIa]) (eg, neonatal alloimmune thrombocytopenia [NAIT], post-transfusion purpura), gene analysis, common variant, HPA-1a/b (L33P) |
| CPT-I | 81106 | Human Platelet Antigen 2 genotyping (HPA-2), GP1BA (glycoprotein Ib [platelet], alpha polypeptide [GPIba]) (eg, neonatal alloimmune thrombocytopenia [NAIT], post-transfusion purpura), gene analysis, common variant, HPA-2a/b (T145M) |
| CPT-I | 81107 | Human Platelet Antigen 3 genotyping (HPA-3), ITGA2B (integrin, alpha 2b [platelet glycoprotein IIb of IIb/IIIa complex], antigen CD41 [GPIIb]) (eg, neonatal alloimmune thrombocytopenia [NAIT], post-transfusion purpura), gene analysis, common variant, HPA-3a/b (I843S) |
| CPT-I | 81108 | Human Platelet Antigen 4 genotyping (HPA-4), ITGB3 (integrin, beta 3 [platelet glycoprotein IIIa], antigen CD61 [GPIIIa]) (eg, neonatal alloimmune thrombocytopenia [NAIT], post-transfusion purpura), gene analysis, common variant, HPA-4a/b (R143Q) |
| CPT-I | 81109 | Human Platelet Antigen 5 genotyping (HPA-5), ITGA2 (integrin, alpha 2 [CD49B, alpha 2 subunit of VLA-2 receptor] [GPIa]) (eg, neonatal alloimmune thrombocytopenia [NAIT], post-transfusion purpura), gene analysis, common variant (eg, HPA-5a/b [K505E]) |
| CPT-I | 81110 | Human Platelet Antigen 6 genotyping (HPA-6w), ITGB3 (integrin, beta 3 [platelet glycoprotein IIIa, antigen CD61] [GPIIIa]) (eg, neonatal alloimmune thrombocytopenia [NAIT], post-transfusion purpura), gene analysis, common variant, HPA-6a/b (R489Q) |
| CPT-I | 81111 | Human Platelet Antigen 9 genotyping (HPA-9w), ITGA2B (integrin, alpha 2b [platelet glycoprotein IIb of IIb/IIIa complex, antigen CD41] [GPIIb]) (eg, neonatal alloimmune thrombocytopenia [NAIT], post-transfusion purpura), gene analysis, common variant, HPA-9a/b (V837M) |
| CPT-I | 81112 | Human Platelet Antigen 15 genotyping (HPA-15), CD109 (CD109 molecule) (eg, neonatal alloimmune thrombocytopenia [NAIT], post-transfusion purpura), gene analysis, common variant, HPA-15a/b (S682Y) |

| Type of Code | Code | Description |
|---|---|---|
| CPT-I | 81120 | IDH1 (isocitrate dehydrogenase 1 [NADP+], soluble) (eg, glioma), common variants (eg, R132H, R132C) |
| CPT-I | 81121 | IDH2 (isocitrate dehydrogenase 2 [NADP+], mitochondrial) (eg, glioma), common variants (eg, R140W, R172M) |
| CPT-I | 81161 | DMD (dystrophin) (eg, Duchenne/Becker muscular dystrophy) deletion analysis, and duplication analysis, if performed |
| CPT-I | 81162 | BRCA1 (BRCA1, DNA repair associated), BRCA2 (BRCA2, DNA repair associated) (eg, hereditary breast and ovarian cancer) gene analysis; full sequence analysis and full duplication/deletion analysis (ie, detection of large gene rearrangements) |
| CPT-I | 81163 | BRCA1 (BRCA1, DNA repair associated), BRCA2 (BRCA2, DNA repair associated) (eg, hereditary breast and ovarian cancer) gene analysis; full sequence analysis |
| CPT-I | 81164 | BRCA1 (BRCA1, DNA repair associated), BRCA2 (BRCA2, DNA repair associated) (eg, hereditary breast and ovarian cancer) gene analysis; full duplication/deletion analysis (ie, detection of large gene rearrangements) |
| CPT-I | 81165 | BRCA1 (BRCA1, DNA repair associated) (eg, hereditary breast and ovarian cancer) gene analysis; full sequence analysis |
| CPT-I | 81166 | BRCA1 (BRCA1, DNA repair associated) (eg, hereditary breast and ovarian cancer) gene analysis; full duplication/deletion analysis (ie, detection of large gene rearrangements) |
| CPT-I | 81167 | BRCA2 (BRCA2, DNA repair associated) (eg, hereditary breast and ovarian cancer) gene analysis; full duplication/deletion analysis (ie, detection of large gene rearrangements) |
| CPT-I | 81168 | CCND1/IGH (t(11;14)) (eg, mantle cell lymphoma) translocation analysis, major breakpoint, qualitative and quantitative, if performed |
| CPT-I | 81170 | ABL1 (ABL proto-oncogene 1, non-receptor tyrosine kinase) (eg, acquired imatinib tyrosine kinase inhibitor resistance), gene analysis, variants in the kinase domain |
| CPT-I | 81173 | AR (androgen receptor) (eg, spinal and bulbar muscular atrophy, Kennedy disease, X chromosome inactivation) gene analysis; full gene sequence |
| CPT-I | 81174 | AR (androgen receptor) (eg, spinal and bulbar muscular atrophy, Kennedy disease, X chromosome inactivation) gene analysis; known familial variant |

| Type of Code | Code | Description |
|---|---|---|
| CPT-I | 81175 | ASXL1 (additional sex combs like 1, transcriptional regulator) (eg, myelodysplastic syndrome, myeloproliferative neoplasms, chronic myelomonocytic leukemia), gene analysis; full gene sequence |
| CPT-I | 81176 | ASXL1 (additional sex combs like 1, transcriptional regulator) (eg, myelodysplastic syndrome, myeloproliferative neoplasms, chronic myelomonocytic leukemia), gene analysis; targeted sequence analysis (eg, exon 12) |
| CPT-I | 81177 | ATN1 (atrophin 1) (eg, dentatorubral-pallidoluysian atrophy) gene analysis, evaluation to detect abnormal (eg, expanded) alleles |
| CPT-I | 81178 | ATXN1 (ataxin 1) (eg, spinocerebellar ataxia) gene analysis, evaluation to detect abnormal (eg, expanded) alleles |
| CPT-I | 81179 | ATXN2 (ataxin 2) (eg, spinocerebellar ataxia) gene analysis, evaluation to detect abnormal (eg, expanded) alleles |
| CPT-I | 81180 | ATXN3 (ataxin 3) (eg, spinocerebellar ataxia, Machado-Joseph disease) gene analysis, evaluation to detect abnormal (eg, expanded) alleles |
| CPT-I | 81181 | ATXN7 (ataxin 7) (eg, spinocerebellar ataxia) gene analysis, evaluation to detect abnormal (eg, expanded) alleles |
| CPT-I | 81182 | ATXN8OS (ATXN8 opposite strand [non-protein coding]) (eg, spinocerebellar ataxia) gene analysis, evaluation to detect abnormal (eg, expanded) alleles |
| CPT-I | 81183 | ATXN10 (ataxin 10) (eg, spinocerebellar ataxia) gene analysis, evaluation to detect abnormal (eg, expanded) alleles |
| CPT-I | 81184 | CACNA1A (calcium voltage-gated channel subunit alpha1 A) (eg, spinocerebellar ataxia) gene analysis; evaluation to detect abnormal (eg, expanded) alleles |
| CPT-I | 81185 | CACNA1A (calcium voltage-gated channel subunit alpha1 A) (eg, spinocerebellar ataxia) gene analysis; full gene sequence |
| CPT-I | 81186 | CACNA1A (calcium voltage-gated channel subunit alpha1 A) (eg, spinocerebellar ataxia) gene analysis; known familial variant |
| CPT-I | 81187 | CNBP (CCHC-type zinc finger nucleic acid binding protein) (eg, myotonic dystrophy type 2) gene analysis, evaluation to detect abnormal (eg, expanded) alleles |

| Type of Code | Code | Description |
|---|---|---|
| CPT-I | 81188 | CSTB (cystatin B) (eg, Unverricht-Lundborg disease) gene analysis; evaluation to detect abnormal (eg, expanded) alleles |
| CPT-I | 81189 | CSTB (cystatin B) (eg, Unverricht-Lundborg disease) gene analysis; full gene sequence |
| CPT-I | 81190 | CSTB (cystatin B) (eg, Unverricht-Lundborg disease) gene analysis; known familial variant(s) |
| CPT-I | 81191 | NTRK1 (neurotrophic receptor tyrosine kinase 1) (eg, solid tumors) translocation analysis |
| CPT-I | 81192 | NTRK2 (neurotrophic receptor tyrosine kinase 2) (eg, solid tumors) translocation analysis |
| CPT-I | 81193 | NTRK3 (neurotrophic receptor tyrosine kinase 3) (eg, solid tumors) translocation analysis |
| CPT-I | 81194 | NTRK (neurotrophic receptor tyrosine kinase 1, 2, and 3) (eg, solid tumors) translocation analysis |
| CPT-I | 81200 | ASPA (aspartoacylase) (eg, Canavan disease) gene analysis, common variants (eg, E285A, Y231X) |
| CPT-I | 81201 | APC (adenomatous polyposis coli) (eg, familial adenomatosis polyposis [FAP], attenuated FAP) gene analysis; full gene sequence |
| CPT-I | 81202 | APC (adenomatous polyposis coli) (eg, familial adenomatosis polyposis [FAP], attenuated FAP) gene analysis; known familial variants |
| CPT-I | 81203 | APC (adenomatous polyposis coli) (eg, familial adenomatosis polyposis [FAP], attenuated FAP) gene analysis; duplication/deletion variants |
| CPT-I | 81204 | AR (androgen receptor) (eg, spinal and bulbar muscular atrophy, Kennedy disease, X chromosome inactivation) gene analysis; characterization of alleles (eg, expanded size or methylation status) |
| CPT-I | 81205 | BCKDHB (branched-chain keto acid dehydrogenase E1, beta polypeptide) (eg, Maple syrup urine disease) gene analysis, common variants (eg, R183P, G278S, E422X) |
| CPT-I | 81206 | BCR/ABL1(t(9;22)) (eg, chronic myelogenous leukemia) translocation analysis; major breakpoint, qualitative or quantitative |
| CPT-I | 81207 | BCR/ABL1(t(9;22)) (eg, chronic myelogenous leukemia) translocation analysis; minor breakpoint, qualitative or quantitative |
| CPT-I | 81208 | BCR/ABL1(t(9;22)) (eg, chronic myelogenous leukemia) translocation analysis; other breakpoint, qualitative or quantitative |
| CPT-I | 81209 | BLM (Bloom syndrome, RecQ helicase-like) (eg, Bloom syndrome) gene analysis, 2281del6ins7 variant |
| CPT-I | 81210 | BRAF (B-Raf proto-oncogene, serine/threonine kinase) (eg, colon cancer, melanoma), gene analysis, V600 variant(s) |

| Type of Code | Code | Description |
|---|---|---|
| CPT-I | 81212 | BRCA1 (BRCA1, DNA repair associated), BRCA2 (BRCA2, DNA repair associated) (eg, hereditary breast and ovarian cancer) gene analysis; 185delAG, 5385insC, 6174delT variants |
| CPT-I | 81215 | BRCA1 (BRCA1, DNA repair associated) (eg, hereditary breast and ovarian cancer) gene analysis; known familial variant |
| CPT-I | 81216 | BRCA2 (BRCA2, DNA repair associated) (eg, hereditary breast and ovarian cancer) gene analysis; full sequence analysis |
| CPT-I | 81217 | BRCA2 (BRCA2, DNA repair associated) (eg, hereditary breast and ovarian cancer) gene analysis; known familial variant |
| CPT-I | 81218 | CEBPA (CCAAT/enhancer binding protein [C/EBP], alpha) (eg, acute myeloid leukemia), gene analysis, full gene sequence |
| CPT-I | 81219 | CALR (calreticulin) (eg, myeloproliferative disorders), gene analysis, common variants in exon 9 |
| CPT-I | 81220 | CFTR (cystic fibrosis transmembrane conductance regulator) (eg, cystic fibrosis) gene analysis; common variants (eg, ACMG/ACOG guidelines) |
| CPT-I | 81221 | CFTR (cystic fibrosis transmembrane conductance regulator) (eg, cystic fibrosis) gene analysis; known familial variants |
| CPT-I | 81222 | CFTR (cystic fibrosis transmembrane conductance regulator) (eg, cystic fibrosis) gene analysis; duplication/deletion variants |
| CPT-I | 81223 | CFTR (cystic fibrosis transmembrane conductance regulator) (eg, cystic fibrosis) gene analysis; full gene sequence |
| CPT-I | 81224 | CFTR (cystic fibrosis transmembrane conductance regulator) (eg, cystic fibrosis) gene analysis; intron 8 poly-T analysis (eg, male infertility) |
| CPT-I | 81228 | Cytogenomic (genome-wide) analysis for constitutional chromosomal abnormalities; interrogation of genomic regions for copy number variants, comparative genomic hybridization [CGH] microarray analysis |
| CPT-I | 81229 | Cytogenomic (genome-wide) analysis for constitutional chromosomal abnormalities; interrogation of genomic regions for copy number and single nucleotide polymorphism (SNP) variants, comparative genomic hybridization (CGH) microarray analysis |
| CPT-I | 81233 | BTK (Bruton's tyrosine kinase) (eg, chronic lymphocytic leukemia) gene analysis, common variants (eg, C481S, C481R, C481F) |

| Type of Code | Code | Description |
|---|---|---|
| CPT-I | 81234 | DMPK (DM1 protein kinase) (eg, myotonic dystrophy type 1) gene analysis; evaluation to detect abnormal (expanded) alleles |
| CPT-I | 81235 | EGFR (epidermal growth factor receptor) (eg, non-small cell lung cancer) gene analysis, common variants (eg, exon 19 LREA deletion, L858R, T790M, G719A, G719S, L861Q) |
| CPT-I | 81238 | F9 (coagulation factor IX) (eg, hemophilia B), full gene sequence |
| CPT-I | 81239 | DMPK (DM1 protein kinase) (eg, myotonic dystrophy type 1) gene analysis; characterization of alleles (eg, expanded size) |
| CPT-I | 81240 | F2 (prothrombin, coagulation factor II) (eg, hereditary hypercoagulability) gene analysis, 20210G>A variant |
| CPT-I | 81241 | F5 (coagulation Factor V) (eg, hereditary hypercoagulability) gene analysis, Leiden variant |
| CPT-I | 81242 | FANCC (Fanconi anemia, complementation group C) (eg, Fanconi anemia, type C) gene analysis, common variant (eg, IVS4+4A>T) |
| CPT-I | 81243 | FMR1 (Fragile X mental retardation 1) (eg, fragile X mental retardation) gene analysis; evaluation to detect abnormal (eg, expanded) alleles |
| CPT-I | 81244 | FMR1 (fragile X mental retardation 1) (eg, fragile X mental retardation) gene analysis; characterization of alleles (eg, expanded size and promoter methylation status) |
| CPT-I | 81245 | FLT3 (fms-related tyrosine kinase 3) (eg, acute myeloid leukemia), gene analysis; internal tandem duplication (ITD) variants (ie, exons 14, 15) |
| CPT-I | 81246 | FLT3 (fms-related tyrosine kinase 3) (eg, acute myeloid leukemia), gene analysis; tyrosine kinase domain (TKD) variants (eg, D835, I836) |
| CPT-I | 81247 | G6PD (glucose-6-phosphate dehydrogenase) (eg, hemolytic anemia, jaundice), gene analysis; common variant(s) (eg, A, A-) |
| CPT-I | 81248 | G6PD (glucose-6-phosphate dehydrogenase) (eg, hemolytic anemia, jaundice), gene analysis; known familial variant(s) |
| CPT-I | 81249 | G6PD (glucose-6-phosphate dehydrogenase) (eg, hemolytic anemia, jaundice), gene analysis; full gene sequence |
| CPT-I | 81250 | G6PC (glucose-6-phosphatase, catalytic subunit) (eg, Glycogen storage disease, Type 1a, von Gierke disease) gene analysis, common variants (eg, R83C, Q347X) |

| Type of Code | Code | Description |
|---|---|---|
| CPT-I | 81251 | GBA (glucosidase, beta, acid) (eg, Gaucher disease) gene analysis, common variants (eg, N370S, 84GG, L444P, IVS2+1G>A) |
| CPT-I | 81252 | GJB2 (gap junction protein, beta 2, 26kDa, connexin 26) (eg, nonsyndromic hearing loss) gene analysis; full gene sequence |
| CPT-I | 81253 | GJB2 (gap junction protein, beta 2, 26kDa, connexin 26) (eg, nonsyndromic hearing loss) gene analysis; known familial variants |
| CPT-I | 81254 | GJB6 (gap junction protein, beta 6, 30kDa, connexin 30) (eg, nonsyndromic hearing loss) gene analysis, common variants (eg, 309kb [del(GJB6-D13S1830)] and 232kb [del(GJB6-D13S1854)]) |
| CPT-I | 81255 | HEXA (hexosaminidase A [alpha polypeptide]) (eg, Tay-Sachs disease) gene analysis, common variants (eg, 1278insTATC, 1421+1G>C, G269S) |
| CPT-I | 81256 | HFE (hemochromatosis) (eg, hereditary hemochromatosis) gene analysis, common variants (eg, C282Y, H63D) |
| CPT-I | 81257 | HBA1/HBA2 (alpha globin 1 and alpha globin 2) (eg, alpha thalassemia, Hb Bart hydrops fetalis syndrome, HbH disease), gene analysis; common deletions or variant (eg, Southeast Asian, Thai, Filipino, Mediterranean, alpha3.7, alpha4.2, alpha20.5, Constant Spring) |
| CPT-I | 81258 | HBA1/HBA2 (alpha globin 1 and alpha globin 2) (eg, alpha thalassemia, Hb Bart hydrops fetalis syndrome, HbH disease), gene analysis; known familial variant |
| CPT-I | 81259 | HBA1/HBA2 (alpha globin 1 and alpha globin 2) (eg, alpha thalassemia, Hb Bart hydrops fetalis syndrome, HbH disease), gene analysis; full gene sequence |
| CPT-I | 81260 | IKBKAP (inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase complex-associated protein) (eg, familial dysautonomia) gene analysis, common variants (eg, 2507+6T>C, R696P) |
| CPT-I | 81261 | IGH@ (Immunoglobulin heavy chain locus) (eg, leukemias and lymphomas, B-cell), gene rearrangement analysis to detect abnormal clonal population(s); amplified methodology (eg, polymerase chain reaction) |
| CPT-I | 81262 | IGH@ (Immunoglobulin heavy chain locus) (eg, leukemias and lymphomas, B-cell), gene rearrangement analysis to detect abnormal clonal population(s); direct probe methodology (eg, Southern blot) |
| CPT-I | 81263 | IGH@ (Immunoglobulin heavy chain locus) (eg, leukemia and lymphoma, B-cell), variable region somatic mutation analysis |

| Type of Code | Code | Description |
|---|---|---|
| CPT-I | 81264 | IGK@ (Immunoglobulin kappa light chain locus) (eg, leukemia and lymphoma, B-cell), gene rearrangement analysis, evaluation to detect abnormal clonal population(s) |
| CPT-I | 81265 | Comparative analysis using Short Tandem Repeat (STR) markers; patient and comparative specimen (eg, pre-transplant recipient and donor germline testing, post-transplant non-hematopoietic recipient germline [eg, buccal swab or other germline tissue sample] and donor testing, twin zygosity testing, or maternal cell contamination of fetal cells) |
| CPT-I | 81266 | Comparative analysis using Short Tandem Repeat (STR) markers; each additional specimen (eg, additional cord blood donor, additional fetal samples from different cultures, or additional zygosity in multiple birth pregnancies) (List separately in addition to code for primary procedure) |
| CPT-I | 81267 | Chimerism (engraftment) analysis, post transplantation specimen (eg, hematopoietic stem cell), includes comparison to previously performed baseline analyses; without cell selection |
| CPT-I | 81268 | Chimerism (engraftment) analysis, post transplantation specimen (eg, hematopoietic stem cell), includes comparison to previously performed baseline analyses; with cell selection (eg, CD3, CD33), each cell type |
| CPT-I | 81269 | HBA1/HBA2 (alpha globin 1 and alpha globin 2) (eg, alpha thalassemia, Hb Bart hydrops fetalis syndrome, HbH disease), gene analysis; duplication/deletion variants |
| CPT-I | 81270 | JAK2 (Janus kinase 2) (eg, myeloproliferative disorder) gene analysis, p.Val617Phe (V617F) variant |
| CPT-I | 81271 | HTT (huntingtin) (eg, Huntington disease) gene analysis; evaluation to detect abnormal (eg, expanded) alleles |
| CPT-I | 81272 | KIT (v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homolog) (eg, gastrointestinal stromal tumor [GIST], acute myeloid leukemia, melanoma), gene analysis, targeted sequence analysis (eg, exons 8, 11, 13, 17, 18) |
| CPT-I | 81273 | KIT (v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homolog) (eg, mastocytosis), gene analysis, D816 variant(s) |
| CPT-I | 81274 | HTT (huntingtin) (eg, Huntington disease) gene analysis; characterization of alleles (eg, expanded size) |
| CPT-I | 81275 | KRAS (Kirsten rat sarcoma viral oncogene homolog) (eg, carcinoma) gene analysis; variants in exon 2 (eg, codons 12 and 13) |
| CPT-I | 81276 | KRAS (Kirsten rat sarcoma viral oncogene homolog) (eg, carcinoma) gene analysis; additional variant(s) (eg, codon 61, codon 146) |

| Type of Code | Code | Description |
|---|---|---|
| CPT-I | 81277 | Cytogenomic neoplasia (genome-wide) microarray analysis, interrogation of genomic regions for copy number and loss-of-heterozygosity variants for chromosomal abnormalities |
| CPT-I | 81278 | IGH@/BCL2 (t(14;18)) (eg, follicular lymphoma) translocation analysis, major breakpoint region (MBR) and minor cluster region (mcr) breakpoints, qualitative or quantitative |
| CPT-I | 81279 | JAK2 (Janus kinase 2) (eg, myeloproliferative disorder) targeted sequence analysis (eg, exons 12 and 13) |
| CPT-I | 81284 | FXN (frataxin) (eg, Friedreich ataxia) gene analysis; evaluation to detect abnormal (expanded) alleles |
| CPT-I | 81285 | FXN (frataxin) (eg, Friedreich ataxia) gene analysis; characterization of alleles (eg, expanded size) |
| CPT-I | 81286 | FXN (frataxin) (eg, Friedreich ataxia) gene analysis; full gene sequence |
| CPT-I | 81287 | MGMT (O-6-methylguanine-DNA methyltransferase) (eg, glioblastoma multiforme) promoter methylation analysis |
| CPT-I | 81288 | MLH1 (mutL homolog 1, colon cancer, nonpolyposis type 2) (eg, hereditary non-polyposis colorectal cancer, Lynch syndrome) gene analysis; promoter methylation analysis |
| CPT-I | 81289 | FXN (frataxin) (eg, Friedreich ataxia) gene analysis; known familial variant(s) |
| CPT-I | 81290 | MCOLN1 (mucolipin 1) (eg, Mucolipidosis, type IV) gene analysis, common variants (eg, IVS3-2A>G, del6.4kb) |
| CPT-I | 81292 | MLH1 (mutL homolog 1, colon cancer, nonpolyposis type 2) (eg, hereditary non-polyposis colorectal cancer, Lynch syndrome) gene analysis; full sequence analysis |
| CPT-I | 81293 | MLH1 (mutL homolog 1, colon cancer, nonpolyposis type 2) (eg, hereditary non-polyposis colorectal cancer, Lynch syndrome) gene analysis; known familial variants |
| CPT-I | 81294 | MLH1 (mutL homolog 1, colon cancer, nonpolyposis type 2) (eg, hereditary non-polyposis colorectal cancer, Lynch syndrome) gene analysis; duplication/deletion variants |
| CPT-I | 81295 | MSH2 (mutS homolog 2, colon cancer, nonpolyposis type 1) (eg, hereditary non-polyposis colorectal cancer, Lynch syndrome) gene analysis; full sequence analysis |
| CPT-I | 81296 | MSH2 (mutS homolog 2, colon cancer, nonpolyposis type 1) (eg, hereditary non-polyposis colorectal cancer, Lynch syndrome) gene analysis; known familial variants |
| CPT-I | 81297 | MSH2 (mutS homolog 2, colon cancer, nonpolyposis type 1) (eg, hereditary non-polyposis colorectal cancer, Lynch syndrome) gene analysis; duplication/deletion variants |

| Type of Code | Code | Description |
|---|---|---|
| CPT-I | 81298 | MSH6 (mutS homolog 6 [E. coli]) (eg, hereditary non-polyposis colorectal cancer, Lynch syndrome) gene analysis; full sequence analysis |
| CPT-I | 81299 | MSH6 (mutS homolog 6 [E. coli]) (eg, hereditary non-polyposis colorectal cancer, Lynch syndrome) gene analysis; known familial variants |
| CPT-I | 81300 | MSH6 (mutS homolog 6 [E. coli]) (eg, hereditary non-polyposis colorectal cancer, Lynch syndrome) gene analysis; duplication/deletion variants |
| CPT-I | 81301 | Microsatellite instability analysis (eg, hereditary non-polyposis colorectal cancer, Lynch syndrome) of markers for mismatch repair deficiency (eg, BAT25, BAT26), includes comparison of neoplastic and normal tissue, if performed |
| CPT-I | 81302 | MECP2 (methyl CpG binding protein 2) (eg, Rett syndrome) gene analysis; full sequence analysis |
| CPT-I | 81303 | MECP2 (methyl CpG binding protein 2) (eg, Rett syndrome) gene analysis; known familial variant |
| CPT-I | 81304 | MECP2 (methyl CpG binding protein 2) (eg, Rett syndrome) gene analysis; duplication/deletion variants |
| CPT-I | 81305 | MYD88 (myeloid differentiation primary response 88) (eg, Waldenstrom's macroglobulinemia, lymphoplasmacytic leukemia) gene analysis, p.Leu265Pro (L265P) variant |
| CPT-I | 81307 | PALB2 (partner and localizer of BRCA2) (eg, breast and pancreatic cancer) gene analysis; full gene sequence |
| CPT-I | 81308 | PALB2 (partner and localizer of BRCA2) (eg, breast and pancreatic cancer) gene analysis; known familial variant |
| CPT-I | 81309 | PIK3CA (phosphatidylinositol-4, 5-biphosphate 3-kinase, catalytic subunit alpha) (eg, colorectal and breast cancer) gene analysis, targeted sequence analysis (eg, exons 7, 9, 20) |
| CPT-I | 81310 | NPM1 (nucleophosmin) (eg, acute myeloid leukemia) gene analysis, exon 12 variants |
| CPT-I | 81311 | NRAS (neuroblastoma RAS viral [v-ras] oncogene homolog) (eg, colorectal carcinoma), gene analysis, variants in exon 2 (eg, codons 12 and 13) and exon 3 (eg, codon 61) |
| CPT-I | 81312 | PABPN1 (poly[A] binding protein nuclear 1) (eg, oculopharyngeal muscular dystrophy) gene analysis, evaluation to detect abnormal (eg, expanded) alleles |
| CPT-I | 81314 | PDGFRA (platelet-derived growth factor receptor, alpha polypeptide) (eg, gastrointestinal stromal tumor [GIST]), gene analysis, targeted sequence analysis (eg, exons 12, 18) |

| Type of Code | Code | Description |
|---|---|---|
| CPT-I | 81315 | PML/RARalpha, (t(15;17)), (promyelocytic leukemia/retinoic acid receptor alpha) (eg, promyelocytic leukemia) translocation analysis; common breakpoints (eg, intron 3 and intron 6), qualitative or quantitative |
| CPT-I | 81316 | PML/RARalpha, (t(15;17)), (promyelocytic leukemia/retinoic acid receptor alpha) (eg, promyelocytic leukemia) translocation analysis; single breakpoint (eg, intron 3, intron 6 or exon 6), qualitative or quantitative |
| CPT-I | 81317 | PMS2 (postmeiotic segregation increased 2 [S. cerevisiae]) (eg, hereditary non-polyposis colorectal cancer, Lynch syndrome) gene analysis; full sequence analysis |
| CPT-I | 81318 | PMS2 (postmeiotic segregation increased 2 [S. cerevisiae]) (eg, hereditary non-polyposis colorectal cancer, Lynch syndrome) gene analysis; known familial variants |
| CPT-I | 81319 | PMS2 (postmeiotic segregation increased 2 [S. cerevisiae]) (eg, hereditary non-polyposis colorectal cancer, Lynch syndrome) gene analysis; duplication/deletion variants |
| CPT-I | 81321 | PTEN (phosphatase and tensin homolog) (eg, Cowden syndrome, PTEN hamartoma tumor syndrome) gene analysis; full sequence analysis |
| CPT-I | 81322 | PTEN (phosphatase and tensin homolog) (eg, Cowden syndrome, PTEN hamartoma tumor syndrome) gene analysis; known familial variant |
| CPT-I | 81323 | PTEN (phosphatase and tensin homolog) (eg, Cowden syndrome, PTEN hamartoma tumor syndrome) gene analysis; duplication/deletion variant |
| CPT-I | 81324 | PMP22 (peripheral myelin protein 22) (eg, Charcot-Marie-Tooth, hereditary neuropathy with liability to pressure palsies) gene analysis; duplication/deletion analysis |
| CPT-I | 81325 | PMP22 (peripheral myelin protein 22) (eg, Charcot-Marie-Tooth, hereditary neuropathy with liability to pressure palsies) gene analysis; full sequence analysis |
| CPT-I | 81326 | PMP22 (peripheral myelin protein 22) (eg, Charcot-Marie-Tooth, hereditary neuropathy with liability to pressure palsies) gene analysis; known familial variant |
| CPT-I | 81330 | SMPD1 (sphingomyelin phosphodiesterase 1, acid lysosomal) (eg, Niemann-Pick disease, Type A) gene analysis, common variants (eg, R496L, L302P, fsP330) |
| CPT-I | 81331 | SNRPN/UBE3A (small nuclear ribonucleoprotein polypeptide N and ubiquitin protein ligase E3A) (eg, Prader-Willi syndrome and/or Angelman syndrome), methylation analysis |

| Type of Code | Code | Description |
|---|---|---|
| CPT-I | 81334 | RUNX1 (runt related transcription factor 1) (eg, acute myeloid leukemia, familial platelet disorder with associated myeloid malignancy) gene analysis, targeted sequence analysis (eg, exons 3-8) |
| CPT-I | 81335 | TPMT (thiopurine S-methyltransferase) (eg, drug metabolism), gene analysis, common variants (eg, *2, *3) |
| CPT-I | 81336 | SMN1 (survival of motor neuron 1, telomeric) (eg, spinal muscular atrophy) gene analysis; full gene sequence |
| CPT-I | 81337 | SMN1 (survival of motor neuron 1, telomeric) (eg, spinal muscular atrophy) gene analysis; known familial sequence variant(s) |
| CPT-I | 81338 | MPL (MPL proto-oncogene, thrombopoietin receptor) (eg, myeloproliferative disorder) gene analysis; common variants (eg, W515A, W515K, W515L, W515R) |
| CPT-I | 81339 | MPL (MPL proto-oncogene, thrombopoietin receptor) (eg, myeloproliferative disorder) gene analysis; sequence analysis, exon 10 |
| CPT-I | 81340 | TRB@ (T cell antigen receptor, beta) (eg, leukemia and lymphoma), gene rearrangement analysis to detect abnormal clonal population(s); using amplification methodology (eg, polymerase chain reaction) |
| CPT-I | 81341 | TRB@ (T cell antigen receptor, beta) (eg, leukemia and lymphoma), gene rearrangement analysis to detect abnormal clonal population(s); using direct probe methodology (eg, Southern blot) |
| CPT-I | 81342 | TRG@ (T cell antigen receptor, gamma) (eg, leukemia and lymphoma), gene rearrangement analysis, evaluation to detect abnormal clonal population(s) |
| CPT-I | 81347 | SF3B1 (splicing factor [3b] subunit B1) (eg, myelodysplastic syndrome/acute myeloid leukemia) gene analysis, common variants (eg, A672T, E622D, L833F, R625C, R625L) |
| CPT-I | 81348 | SRSF2 (serine and arginine-rich splicing factor 2) (eg, myelodysplastic syndrome, acute myeloid leukemia) gene analysis, common variants (eg, P95H, P95L) |
| CPT-I | 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 |
| CPT-I | 81351 | TP53 (tumor protein 53) (eg, Li-Fraumeni syndrome) gene analysis; full gene sequence |
| CPT-I | 81352 | TP53 (tumor protein 53) (eg, Li-Fraumeni syndrome) gene analysis; targeted sequence analysis (eg, 4 oncology) |
| CPT-I | 81353 | TP53 (tumor protein 53) (eg, Li-Fraumeni syndrome) gene analysis; known familial variant |

| Type of Code | Code | Description |
|---|---|---|
| CPT-I | 81357 | U2AF1 (U2 small nuclear RNA auxiliary factor 1) (eg, myelodysplastic syndrome, acute myeloid leukemia) gene analysis, common variants (eg, S34F, S34Y, Q157R, Q157P) |
| CPT-I | 81360 | ZRSR2 (zinc finger CCCH-type, RNA binding motif and serine/arginine-rich 2) (eg, myelodysplastic syndrome, acute myeloid leukemia) gene analysis, common variant(s) (eg, E65fs, E122fs, R448fs) |
| CPT-I | 81361 | HBB (hemoglobin, subunit beta) (eg, sickle cell anemia, beta thalassemia, hemoglobinopathy); common variant(s) (eg, HbS, HbC, HbE) |
| CPT-I | 81362 | HBB (hemoglobin, subunit beta) (eg, sickle cell anemia, beta thalassemia, hemoglobinopathy); known familial variant(s) |
| CPT-I | 81363 | HBB (hemoglobin, subunit beta) (eg, sickle cell anemia, beta thalassemia, hemoglobinopathy); duplication/deletion variant(s) |
| CPT-I | 81364 | HBB (hemoglobin, subunit beta) (eg, sickle cell anemia, beta thalassemia, hemoglobinopathy); full gene sequence |
| CPT-I | 81370 | HLA Class I and II typing, low resolution (eg, antigen equivalents); HLA-A, -B, -C, -DRB1/3/4/5, and -DQB1 |
| CPT-I | 81371 | HLA Class I and II typing, low resolution (eg, antigen equivalents); HLA-A, -B, and -DRB1 (eg, verification typing) |
| CPT-I | 81372 | HLA Class I typing, low resolution (eg, antigen equivalents); complete (ie, HLA-A, -B, and -C) |
| CPT-I | 81373 | HLA Class I typing, low resolution (eg, antigen equivalents); one locus (eg, HLA-A, -B, or -C), each |
| CPT-I | 81374 | HLA Class I typing, low resolution (eg, antigen equivalents); one antigen equivalent (eg, B*27), each |
| CPT-I | 81375 | HLA Class II typing, low resolution (eg, antigen equivalents); HLA-DRB1/3/4/5 and -DQB1 |
| CPT-I | 81376 | HLA Class II typing, low resolution (eg, antigen equivalents); one locus (eg, HLA-DRB1, -DRB3/4/5, -DQB1, -DQA1, -DPB1, or -DPA1), each |
| CPT-I | 81377 | HLA Class II typing, low resolution (eg, antigen equivalents); one antigen equivalent, each |
| CPT-I | 81378 | HLA Class I and II typing, high resolution (ie, alleles or allele groups), HLA-A, -B, -C, and -DRB1 |
| CPT-I | 81379 | HLA Class I typing, high resolution (ie, alleles or allele groups); complete (ie, HLA-A, -B, and -C) |
| CPT-I | 81380 | HLA Class I typing, high resolution (ie, alleles or allele groups); one locus (eg, HLA-A, -B, or -C), each |
| CPT-I | 81381 | HLA Class I typing, high resolution (ie, alleles or allele groups); one allele or allele group (eg, B*57:01P), each |

| Type of Code | Code | Description |
|---|---|---|
| CPT-I | 81382 | HLA Class II typing, high resolution (ie, alleles or allele groups); one locus (eg, HLA-DRB1, -DRB3/4/5, -DQB1, -DQA1, -DPB1, or -DPA1), each |
| CPT-I | 81383 | HLA Class II typing, high resolution (ie, alleles or allele groups); one allele or allele group (eg, HLA-DQB1*06:02P), each |
| CPT-I | 81400 | Molecular pathology procedure, Level 1 (eg, identification of single germline variant [eg, SNP] by techniques such as restriction enzyme digestion or melt curve analysis) ACADM (acyl-CoA dehydrogenase, C-4 to C-12 straight chain, MCAD) (eg, medium chain acyl dehydrogenase deficiency), K304E variant ACE (angiotensin converting enzyme) (eg, hereditary blood pressure regulation), insertion/deletion variant AGTR1 (angiotensin II receptor, type 1) (eg, essential hypertension), 1166A>C variant BCKDHA (branched chain keto acid dehydrogenase E1, alpha polypeptide) (eg, maple syrup urine disease, type 1A), Y438N variant CCR5 (chemokine C-C motif receptor 5) (eg, HIV resistance), 32-bp deletion mutation/794 825del32 deletion CLRN1 (clarin 1) (eg, Usher syndrome, type 3), N48K variant F2 (coagulation factor 2) (eg, hereditary hypercoagulability), 1199G>A variant F5 (coagulation factor V) (eg, hereditary hypercoagulability), HR2 variant F7 (coagulation factor VII [serum prothrombin conversion accelerator]) (eg, hereditary hypercoagulability), R353Q variant F13B (coagulation factor XIII, B polypeptide) (eg, hereditary hypercoagulability), V34L variant FGB (fibrinogen beta chain) (eg, hereditary ischemic heart disease), -455G>A variant FGFR1 (fibroblast growth factor receptor 1) (eg, Pfeiffer syndrome type 1, craniosynostosis), P252R variant FGFR3 (fibroblast growth factor receptor 3) (eg, Muenke syndrome), P250R variant FKTN (fukutin) (eg, Fukuyama congenital muscular dystrophy), retrotransposon insertion variant GNE (glucosamine [UDP-N-acetyl]-2-epimerase/N-acetylmannosamine kinase) (eg, inclusion body myopathy 2 [IBM2], Nonaka myopathy), M712T variant IVD (isovaleryl-CoA dehydrogenase) (eg, isovaleric acidemia), A282V variant LCT (lactase-phlorizin hydrolase) (eg, lactose intolerance), 13910 C>T variant NEB (nebulin) (eg, nemaline myopathy 2), exon 55 deletion variant PCDH15 (protocadherin-related 15) (eg, Usher syndrome type 1F), R245X variant SERPINE1 (serpine peptidase inhi bitor clade E, member 1, plasminogen activator inhibitor -1, PAI-1) (eg, thrombophilia), 4G variant SHOC2 (soc-2 suppressor of clear homolog) (eg, Noonan-like syndrome with loose anagen hair), S2G variant SRY (sex determining region Y) (eg, 46,XX testicular disorder of sex development, gonadal dysgenesis), gene analysis TOR1A (torsin family 1, member A [torsin A]) (eg, early-onset primary dystonia [DYT1]), 907_909delGAG (904_906delGAG) variant |

| Type of Code | Code | Description |
|---|---|---|
| CPT-I | 81401 | Molecular pathology procedure, Level 2 (eg, 2-10 SNPs, 1 methylated variant, or 1 somatic variant [typically using nonsequencing target variant analysis], or detection of a dynamic mutation disorder/triplet repeat) ABCC8 (ATP-binding cassette, sub-family C [CFTR/MRP], member 8) (eg, familial hyperinsulinism), common variants (eg, c.3898-9G>A [c.3992-9G>A], F1388del) ABL1 (ABL proto-oncogene 1, non-receptor tyrosine kinase) (eg, acquired imatinib resistance), T315I variant ACADM (acyl-CoA dehydrogenase, C-4 to C-12 straight chain, MCAD) (eg, medium chain acyl dehydrogenase deficiency), commons variants (eg, K304E, Y42H) ADRB2 (adrenergic beta-2 receptor surface) (eg, drug metabolism), common variants (eg, G16R, Q27E) APOB (apolipoprotein B) (eg, familial hypercholesterolemia type B), common variants (eg, R3500Q, R3500W) APOE (apolipoprotein E) (eg, hyperlipoproteinemia type III, cardiovascular disease, Alzheimer disease), common variants (eg, *2, *3, *4) CBFB/MYH11 (inv(16)) (eg, acute myeloid leukemia), qualitative, and quantitative, if performed CBS (cystathionine-beta-synthase) (eg, homocystinuria, cystathionine beta-synthase deficiency), common variants (eg, I278T, G307S) CFH/ARMS2 (complement factor H/age-related maculopathy susceptibility 2) (eg, macular degeneration), common variants (eg, Y402H [CFH], A69S [ARMS2]) DEK/NUP214 (t(6;9)) (eg, acute myeloid leukemia), translocation analysis, qualitative, and quantitative, if performed E2A/PBX1 (t(1;19)) (eg, acute lymphocytic leukemia), translocation analysis, qualitative, and quantitative, if performed EML4/ALK (inv(2)) (eg, non-small cell lung cancer), translocation or inversion analysis ETV6/RUNX1 (t(12;21)) (eg, acute lymphocytic leukemia), translocation analysis, qualitative, and quantitative, if performed EWSR1/ATF1 (t(12;22)) (eg, clear cell sarcoma), translocation analysis, qualitative, and quantitative, if performed EWSR1/ERG (t(21;22)) (eg, Ewing sarcoma/peripheral neuroectodermal tumor), translocation a nalysis, qualitative, and quantitative, if performed EWSR1/FLI1 (t(11;22)) (eg, Ewing sarcoma/peripheral neuroectodermal tumor), translocation analysis, qualitative, and quantitative, if performed EWSR1/WT1 (t(11;22)) (eg, desmoplastic small round cell tumor), translocation analysis, qualitative, and quantitative, if performed F11 (coagulation factor XI) (eg, coagulation disorder), common variants (eg, E117X [Type II], F283L [Type III], IVS14del14, and IVS14+1G>A [Type I]) FGFR3 (fibroblast growth factor receptor 3) (eg, achondroplasia, hypochondroplasia), common variants (eg, 1138G>A, 1138G>C, 1620C>A, 1620C>G) FIP1L1/PDGFRA (del[4q12]) (eg, imatinib-sensitive chronic eosinophilic leukemia), qualitative, and quantitative, if performed FLG (filaggrin) (eg, ichthyosis vulgaris), common variants (eg, R501X, 2282del4, R2447X, S3247X, 3702delG) FOXO1/PAX3 (t(2;13)) (eg, alveolar rhabdomyosarcoma), translocation analysis, qualitative, and quantitative, if performed FOXO1/PAX7 (t(1;13)) (eg, alveolar rhabdomyosarcoma), translocation analysis, qualitative, and quantitative, if performed FUS/DDIT3 (t(12;16)) (eg, myxoid liposarcoma), translocation analysis, qualitative, and quantitative, if performed GALC (galactosylceramidase) (eg, Krabbe |

| Type of Code | Code | Description |
|---|---|---|
| | | disease), common variants (eg, c.857G>A, 30-kb deletion) GALT (galactose-1-phosphate uridylyltransferase) (eg, galactosemia), common variants (eg, Q188R, S135L, K285N, T138M, L195P, Y209C, IVS2-2A>G, P171S, del5kb, N314D, L218L/N314D) H19 (imprinted maternally expressed transcript [non-protein coding]) (eg, Beckwith-Wiedemann syndrome), methylation analysis IGH@/BCL2 (t(14;18)) (eg, follicular lymphoma), translocation analysis; single breakpoint (eg, major breakpoint region [MBR] or minor cluster region [mcr]), qualitative or quantitative (When both MBR and mcr breakpoints are performed, use 81278) KCNQ1OT1 (KCNQ1 overlapping transcript 1 [non-protein coding]) (eg, Beckwith-Wiedemann syndrome), methylation analysis LINC00518 (long interge nic non-protein coding RNA 518) (eg, melanoma), expression analysis LRRK2 (leucine-rich repeat kinase 2) (eg, Parkinson disease), common variants (eg, R1441G, G2019S, I2020T) MED12 (mediator complex subunit 12) (eg, FG syndrome type 1, Lujan syndrome), common variants (eg, R961W, N1007S) MEG3/DLK1 (maternally expressed 3 [non-protein coding]/delta-like 1 homolog [Drosophila]) (eg, intrauterine growth retardation), methylation analysis MLL/AFF1 (t(4;11)) (eg, acute lymphoblastic leukemia), translocation analysis, qualitative, and quantitative, if performed MLL/MLLT3 (t(9;11)) (eg, acute myeloid leukemia), translocation analysis, qualitative, and quantitative, if performed MT-ATP6 (mitochondrially encoded ATP synthase 6) (eg, neuropathy with ataxia and retinitis pigmentosa [NARP], Leigh syndrome), common variants (eg, m.8993T>G, m.8993T>C) MT-ND4, MT-ND6 (mitochondrially encoded NADH dehydrogenase 4, mitochondrially encoded NADH dehydrogenase 6) (eg, Leber hereditary optic neuropathy [LHON]), common variants (eg, m.11778G>A, m.3460G>A, m.14484T>C) MT-ND5 (mitochondrially encoded tRNA leucine 1 [UUA/G], mitochondrially encoded NADH dehydrogenase 5) (eg, mitochondrial encephalopathy with lactic acidosis and stroke-like episodes [MELAS]), common variants (eg, m.3243A>G, m.3271T>C, m.3252A>G, m.13513G>A) MT-RNR1 (mitochondrially encoded 12S RNA) (eg, nonsyndromic hearing loss), common variants (eg, m.1555A>G, m.1494C>T) MT-TK (mitochondrially encoded tRNA lysine) (eg, myoclonic epilepsy with ragged-red fibers [MERRF]), common variants (eg, m.8344A>G, m.8356T>C) MT-TL1 (mitochondrially encoded tRNA leucine 1 [UUA/G]) (eg, diabetes and hearing loss), common variants (eg, m.3243A>G, m.14709 T>C) MT-TL1 MT-TS1, MT-RNR1 (mitochondrially encoded tRNA serine 1 [UCN], mitochondrially encoded 12S RNA) (eg, nonsyndromic sensorineural deafness [including aminoglycoside-induced nonsyndromic deafness]), common variants (eg, m.7445A>G, m.1555A>G) MUTYH (mutY homolog [E. coli]) (eg, MYH -associated polyposis), common variants (eg, Y165C, G382D) NOD2 (nucleotide-binding oligomerization domain containing 2) (eg, Crohn's disease, Blau syndrome), common variants (eg, SNP 8, SNP 12, SNP 13) NPM1/ALK (t(2;5)) (eg, anaplastic large cell lymphoma), translocation analysis PAX8/PPARG (t(2;3) (q13;p25)) (eg, follicular thyroid carcinoma), translocation analysis |

| Type of Code | Code | Description |
|---|---|---|
| | | PRAME (preferentially expressed antigen in melanoma) (eg, melanoma), expression analysis PRSS1 (protease, serine, 1 [trypsin 1]) (eg, hereditary pancreatitis), common variants (eg, N29I, A16V, R122H) PYGM (phosphorylase, glycogen, muscle) (eg, glycogen storage disease type V, McArdle disease), common variants (eg, R50X, G205S) RUNX1/RUNX1T1 (t(8;21)) (eg, acute myeloid leukemia) translocation analysis, qualitative, and quantitative, if performed SS18/SSX1 (t(X;18)) (eg, synovial sarcoma), translocation analysis, qualitative, and quantitative, if performed SS18/SSX2 (t(X;18)) (eg, synovial sarcoma), translocation analysis, qualitative, and quantitative, if performed VWF (von Willebrand factor) (eg, von Willebrand disease type 2N), common variants (eg, T791M, R816W, R854Q) |

| Type of Code | Code | Description |
|---|---|---|
| CPT-I | 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]) Chromosome 1p-/19q- (eg, glial tumors), deletion analysis Chromosome 18q- (eg, D18S55, D18S58, D18S61, D18S64, and D18S69) (eg, colon cancer), allelic imbalance assessment (ie, loss of heterozygosity) COL1A1/PDGFB (t(17;22)) (eg, dermatofibrosarcoma protuberans), translocation analysis, multiple breakpoints, qualitative, and quantitative, if performed CYP21A2 (cytochrome P450, family 21, subfamily A, polypeptide 2) (eg, congenital adrenal hyperplasia, 21-hydroxylase deficiency), common variants (eg, IVS2-13G, P30L, I172N, exon 6 mutation cluster [I235N, V236E, M238K], V281L, L307FfsX6, Q318X, R356W, P453S, G110VfsX21, 30-kb deletion variant) ESR1/PGR (receptor 1/progesterone receptor) ratio (eg, breast cancer) MEFV (Mediterranean fever) (eg, familial Mediterranean fever), common variants (eg, E148Q, P369S, F479L, M680I, I692del, M694V, M694I, K695R, V726A, A744S, R761H) TRD@ (T cell antigen receptor, delta) (eg, leukemia and lymphoma), gene rearrangement analysis, evaluation to detect abnormal clonal population Uniparental disomy (UPD) (eg, Russell-Silver syndrome, Prader-Willi/Angelman syndrome), short tandem repeat (STR) analysis |

| Type of Code | Code | Description |
|---|---|---|
| CPT-I | 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) ANG (angiogenin, ribonuclease, RNase A family, 5) (eg, amyotrophic lateral sclerosis), full gene sequence ARX (aristaless-related homeobox) (eg, X-linked lissencephaly with ambiguous genitalia, X-linked mental retardation), duplication/deletion analysis CEL (carboxyl ester lipase [bile salt-stimulated lipase]) (eg, maturity-onset diabetes of the young [MODY]), targeted sequence analysis of exon 11 (eg, c.1785delC, c.1686delT) CTNNB1 (catenin [cadherin-associated protein], beta 1, 88kDa) (eg, desmoid tumors), targeted sequence analysis (eg, exon 3) DAZ/SRY (deleted in azoospermia and sex determining region Y) (eg, male infertility), common deletions (eg, AZFa, AZFb, AZFc, AZFd) DNMT3A (DNA [cytosine-5-]-methyltransferase 3 alpha) (eg, acute myeloid leukemia), targeted sequence analysis (eg, exon 23) EPCAM (epithelial cell adhesion molecule) (eg, Lynch syndrome), duplication/deletion analysis F8 (coagulation factor VIII) (eg, hemophilia A), inversion analysis, intron 1 and intron 22A F12 (coagulation factor XII [Hageman factor]) (eg, angioedema, hereditary, type III; factor XII deficiency), targeted sequence analysis of exon 9 FGFR3 (fibroblast growth factor receptor 3) (eg, isolated craniosynostosis), targeted sequence analysis (eg, exon 7) (For targeted sequence analysis of multiple FGFR3 exons, use 81404) GJB1 (gap junction protein, beta 1) (eg, Charcot-Marie-Tooth X-linked), full gene sequence GNAQ (guanine nucleotide-binding protein G[q] subunit alpha) (eg, uveal melanoma), common variants (eg, R183, Q209) Human erythrocyte antigen gene analyses (eg, SLC14A1 [Kidd blood group], BCAM [Lutheran blood group], ICAM4 [Landsteiner-Wiener blood group], SLC4A1 [Diego blood group], AQP1 [Colton blood group], ERMAP [Scianna blood group] , RHCE [Rh blood group, CcEe antigens], KEL [Kell blood group], DARC [Duffy blood group], GYPA, GYPB, GYPE [MNS blood group], ART4 [Dombrock blood group]) (eg, sickle-cell disease, thalassemia, hemolytic transfusion reactions, hemolytic disease of the fetus or newborn), common variants HRAS (v-Ha-ras Harvey rat sarcoma viral oncogene homolog) (eg, Costello syndrome), exon 2 sequence KCNC3 (potassium voltage-gated channel, Shaw-related subfamily, member 3) (eg, spinocerebellar ataxia), targeted sequence analysis (eg, exon 2) KCNJ2 (potassium inwardly-rectifying channel, subfamily J, member 2) (eg, Andersen-Tawil syndrome), full gene sequence KCNJ11 (potassium inwardly-rectifying channel, subfamily J, member 11) (eg, familial hyperinsulinism), full gene sequence Killer cell immunoglobulin-like receptor (KIR) gene family (eg, hematopoietic stem cell transplantation), genotyping of KIR family genes Known familial variant not otherwise specified, for gene listed in Tier 1 or Tier 2, or identified during a genomic sequencing procedure, DNA sequence analysis, each variant exon (For a known familial variant that is considered a common variant, use specific common variant Tier 1 or Tier 2 code) MC4R (melanocortin 4 receptor) (eg, obesity), full gene sequence MICA (MHC class I polypeptide- |

| Type of Code | Code | Description |
|---|---|---|
| | | related sequence A) (eg, solid organ transplantation), common variants (eg, *001, *002) MT-RNR1 (mitochondrially encoded 12S RNA) (eg, nonsyndromic hearing loss), full gene sequence MT-TS1 (mitochondrially encoded tRNA serine 1) (eg, nonsyndromic hearing loss), full gene sequence NDP (Norrie disease [pseudoglioma]) (eg, Norrie disease), duplication/deletion analysis NHLRC1 (NHL repeat containing 1) (eg, progressive myoclonus epilepsy), full gene sequence PHOX2B (paired-like homeobox 2b) (eg, congenital central hypoventilation syndrome), duplication/deletion analysis PLN (phospholamban) (eg, dilated cardiomyopathy, hypertrophic cardiomyopathy), full gene sequence RHD (Rh blood group, D antige n) (eg, hemolytic disease of the fetus and newborn, Rh maternal/fetal compatibility), deletion analysis (eg, exons 4, 5, and 7, pseudogene) RHD (Rh blood group, D antigen) (eg, hemolytic disease of the fetus and newborn, Rh maternal/fetal compatibility), deletion analysis (eg, exons 4, 5, and 7, pseudogene), performed on cell-free fetal DNA in maternal blood (For human erythrocyte gene analysis of RHD, use a separate unit of 81403) SH2D1A (SH2 domain containing 1A) (eg, X-linked lymphoproliferative syndrome), duplication/deletion analysis TWIST1 (twist homolog 1 [Drosophila]) (eg, Saethre-Chotzen syndrome), duplication/deletion analysis UBA1 (ubiquitin-like modifier activating enzyme 1) (eg, spinal muscular atrophy, X-linked), targeted sequence analysis (eg, exon 15) VHL (von Hippel-Lindau tumor suppressor) (eg, von Hippel-Lindau familial cancer syndrome), deletion/duplication analysis VWF (von Willebrand factor) (eg, von Willebrand disease types 2A, 2B, 2M), targeted sequence analysis (eg, exon 28) |

| Type of Code | Code | Description |
|---|---|---|
| CPT-I | 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) ACADS (acyl-CoA dehydrogenase, C-2 to C-3 short chain) (eg, short chain acyl-CoA dehydrogenase deficiency), targeted sequence analysis (eg, exons 5 and 6) AQP2 (aquaporin 2 [collecting duct]) (eg, nephrogenic diabetes insipidus), full gene sequence ARX (aristaless related homeobox) (eg, X-linked lissencephaly with ambiguous genitalia, X-linked mental retardation), full gene sequence AVPR2 (arginine vasopressin receptor 2) (eg, nephrogenic diabetes insipidus), full gene sequence BBS10 (Bardet-Biedl syndrome 10) (eg, Bardet-Biedl syndrome), full gene sequence BTD (biotinidase) (eg, biotinidase deficiency), full gene sequence C10orf2 (chromosome 10 open reading frame 2) (eg, mitochondrial DNA depletion syndrome), full gene sequence CAV3 (caveolin 3) (eg, CAV3-related distal myopathy, limb-girdle muscular dystrophy type 1C), full gene sequence CD40LG (CD40 ligand) (eg, X-linked hyper IgM syndrome), full gene sequence CDKN2A (cyclin-dependent kinase inhibitor 2A) (eg, CDKN2A-related cutaneous malignant melanoma, familial atypical mole-malignant melanoma syndrome), full gene sequence CLRN1 (clarin 1) (eg, Usher syndrome, type 3), full gene sequence COX6B1 (cytochrome c oxidase subunit VIb polypeptide 1) (eg, mitochondrial respiratory chain complex IV deficiency), full gene sequence CPT2 (carnitine palmitoyltransferase 2) (eg, carnitine palmitoyltransferase II deficiency), full gene sequence CRX (cone-rod homeobox) (eg, cone-rod dystrophy 2, Leber congenital amaurosis), full gene sequence CYP1B1 (cytochrome P450, family 1, subfamily B, polypeptide 1) (eg, primary congenital glaucoma), full gene sequence EGR2 (early growth response 2) (eg, Charcot-Marie-Tooth), full gene sequence EMD (emerin) (eg, Emery-Dreifuss muscular dystro phy), duplication/deletion analysis EPM2A (epilepsy, progressive myoclonus type 2A, Lafora disease [laforin]) (eg, progressive myoclonus epilepsy), full gene sequence FGF23 (fibroblast growth factor 23) (eg, hypophosphatemic rickets), full gene sequence FGFR2 (fibroblast growth factor receptor 2) (eg, craniosynostosis, Apert syndrome, Crouzon syndrome), targeted sequence analysis (eg, exons 8, 10) FGFR3 (fibroblast growth factor receptor 3) (eg, achondroplasia, hypochondroplasia), targeted sequence analysis (eg, exons 8, 11, 12, 13) FHL1 (four and a half LIM domains 1) (eg, Emery-Dreifuss muscular dystrophy), full gene sequence FKRP (fukutin related protein) (eg, congenital muscular dystrophy type 1C [MDC1C], limb-girdle muscular dystrophy [LGMD] type 2I), full gene sequence FOXG1 (forkhead box G1) (eg, Rett syndrome), full gene sequence FSHMD1A (facioscapulohumeral muscular dystrophy 1A) (eg, facioscapulohumeral muscular dystrophy), evaluation to detect abnormal (eg, deleted) alleles FSHMD1A (facioscapulohumeral muscular dystrophy 1A) (eg, facioscapulohumeral muscular dystrophy), characterization of haplotype(s) (ie, chromosome 4A and 4B haplotypes) GH1 (growth hormone 1) (eg, growth hormone deficiency), full gene |

| Type of Code | Code | Description |
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| | | sequence GP1BB (glycoprotein Ib [platelet], beta polypeptide) (eg, Bernard-Soulier syndrome type B), full gene sequence (For common deletion variants of alpha globin 1 and alpha globin 2 genes, use 81257) HNF1B (HNF1 homeobox B) (eg, maturity-onset diabetes of the young [MODY]), duplication/deletion analysis HRAS (v-Ha-ras Harvey rat sarcoma viral oncogene homolog) (eg, Costello syndrome), full gene sequence HSD3B2 (hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid delta-isomerase 2) (eg, 3-beta-hydroxysteroid dehydrogenase type II deficiency), full gene sequence HSD11B2 (hydroxysteroid [11-beta] dehydrogenase 2) (eg, mineralocorticoid excess syndrome), full gene sequence HSPB1 (heat shock 27kDa protein 1) (eg, Charcot-Marie-Tooth disease), full gene sequence INS (insulin) (eg, diabetes mellitus), full gene sequence KCNJ1 (potassium inwardly-rectifying channel, subfamily J, member 1) (eg, Bartter syndrome), full gene sequence KCNJ10 (potassium inwardly-rectifying channel, subfamily J, member 10) (eg, SeSAME syndrome, EAST syndrome, sensorineural hearing loss), full gene sequence LITAF (lipopolysaccharide-induced TNF factor) (eg, Charcot-Marie-Tooth), full gene sequence MEFV (Mediterranean fever) (eg, familial Mediterranean fever), full gene sequence MEN1 (multiple endocrine neoplasia I) (eg, multiple endocrine neoplasia type 1, Wermer syndrome), duplication/deletion analysis MMACHC (methylmalonic aciduria [cobalamin deficiency] cblC type, with homocystinuria) (eg, methylmalonic acidemia and homocystinuria), full gene sequence MPV17 (MpV17 mitochondrial inner membrane protein) (eg, mitochondrial DNA depletion syndrome), duplication/deletion analysis NDP (Norrie disease [pseudoglioma]) (eg, Norrie disease), full gene sequence NDUFA1 (NADH dehydrogenase [ubiquinone] 1 alpha subcomplex, 1, 7.5kDa) (eg, Leigh syndrome, mitochondrial complex I deficiency), full gene sequence NDUFAF2 (NADH dehydrogenase [ubiquinone] 1 alpha subcomplex, assembly factor 2) (eg, Leigh syndrome, mitochondrial complex I deficiency), full gene sequence NDUFS4 (NADH dehydrogenase [ubiquinone] Fe-S protein 4, 18kDa [NADH-coenzyme Q reductase]) (eg, Leigh syndrome, mitochondrial complex I deficiency), full gene sequence NIPA1 (non-imprinted in Prader-Willi/Angelman syndrome 1) (eg, spastic paraplegia), full gene sequence NLGN4X (neuroligin 4, X-linked) (eg, autism spectrum disorders), duplication/deletion analysis NPC2 (Niemann-Pick disease, type C2 [epididymal secretory protein E1]) (eg, Niemann-Pick disease type C2), full gene sequence NR0B1 (nuclear receptor subfamily 0, group B, member 1) (eg, congenital adrenal hypoplasia), full gene sequence PDX1 (pancreatic and duodenal homeobox 1) (eg, maturity-onset diabetes of the young [MODY]), full gene sequence PHOX2B (paired-like homeobox 2b) (eg, congenital central hypoventilation syndrome), full gene sequence PLP1 (proteolipid protein 1) (eg, Pelizaeus-Merzbacher disease, spastic paraplegia), duplication/deletion analysis PQBP1 (polyglutamine binding protein 1) (eg, Renpenning syndrome), duplication/deletion analysis PRNP (prion protein) (eg, genetic prion disease), full gene sequence PROP1 (PROP paired-like homeobox 1) (eg, |

| Type of Code | Code | Description |
|---|---|---|
| | | combined pituitary hormone deficiency), full gene sequence PRPH2 (peripherin 2 [retinal degeneration, slow]) (eg, retinitis pigmentosa), full gene sequence PRSS1 (protease, serine, 1 [trypsin 1]) (eg, hereditary pancreatitis), full gene sequence RAF1 (v-raf-1 murine leukemia viral oncogene homolog 1) (eg, LEOPARD syndrome), targeted sequence analysis (eg, exons 7, 12, 14, 17) RET (ret proto-oncogene) (eg, multiple endocrine neoplasia, type 2B and familial medullary thyroid carcinoma), common variants (eg, M918T, 2647_2648delinsTT, A883F) RHO (rhodopsin) (eg, retinitis pigmentosa), full gene sequence RP1 (retinitis pigmentosa 1) (eg, retinitis pigmentosa), full gene sequence SCN1B (sodium channel, voltage-gated, type I, beta) (eg, Brugada syndrome), full gene sequence SCO2 (SCO cytochrome oxidase deficient homolog 2 [SCO1L]) (eg, mitochondrial respiratory chain complex IV deficiency), full gene sequence SDHC (succinate dehydrogenase complex, subunit C, integral membrane protein, 15kDa) (eg, hereditary paraganglioma-pheochromocytoma syndrome), duplication/deletion analysis SDHD (succinate dehydrogenase complex, subunit D, integral membrane protein) (eg, hereditary paraganglioma), full gene sequence SGCG (sarcoglycan, gamma [35kDa dystrophin-associated glycoprotein]) (eg, limb-girdle muscular dystrophy), duplication/deletion analysis SH2D1A (SH2 domain containing 1A) (eg, X-linked lymphoproliferative syndrome), full gene sequence SLC16A2 (solute carrier family 16, member 2 [thyroid hormone transporter]) (eg, specific thyroid hormone cell transporter deficiency, Allan-Herndon-Dudley syndrome), duplication/deletion analysis SLC25A20 (solute carrier family 25 [carnitine/acylcarnitine translocase], member 20) (eg, carnitine-acylcarnitine translocase deficiency), duplication/deletion analysis SLC25A4 (solute carrier family 25 [mitochondrial carrier; adenine nucleotide translocator], member 4) (eg, progressive external ophthalmoplegia), full gene sequence SOD1 (superoxide dismutase 1, soluble) (eg, amyotrophic lateral sclerosis), full gene sequence SPINK1 (serine peptidase inhibitor, Kazal type 1) (eg, hereditary pancreatitis), full gene sequence STK11 (serine/threonine kinase 11) (eg, Peutz-Jeghers syndrome), duplication/deletion analysis TACO1 (translational activator of mitochondrial encoded cytochrome c oxidase I) (eg, mitochondrial respiratory chain complex IV deficiency), full gene sequence THAP1 (THAP domain containing, apoptosis associated protein 1) (eg, torsion dystonia), full gene sequence TOR1A (torsin family 1, member A [torsin A]) (eg, torsion dystonia), full gene sequence TTPA (tocopherol [alpha] transfer protein) (eg, ataxia), full gene sequence TTR (transthyretin) (eg, familial transthyretin amyloidosis), full gene sequence TWIST1 (twist homolog 1 [Drosophila]) (eg, Saethre-Chotzen syndrome), full gene sequence TYR (tyrosinase [oculocutaneous albinism IA]) (eg, oculocutaneous albinism IA), full gene sequence UGT1A1 (UDP glucuronosyltransferase 1 family, polypeptide A1) (eg, hereditary unconjugated hyperbilirubinemia [Crigler-Najjar syndrome]) full gene sequence USH1G (Usher syndrome 1G [autosomal recessive]) (eg, Usher syndrome, type 1), full gene sequence VHL (von Hippel-Lindau tumor suppressor) (eg, von Hippel-Lindau familial cancer |

| Type of Code | Code | Description |
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| | | syndrome), full gene sequence VWF (von Willebrand factor) (eg, von Willebrand disease type 1C), targeted sequence analysis (eg, exons 26, 27, 37) ZEB2 (zinc finger E-box binding homeobox 2) (eg, Mowat-Wilson syndrome), duplication/deletion analysis ZNF4 1 (zinc finger protein 41) (eg, X-linked mental retardation 89), full gene sequence |

| Type of Code | Code | Description |
|---|---|---|
| CPT-I | 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) ABCD1 (ATP-binding cassette, sub-family D [ALD], member 1) (eg, adrenoleukodystrophy), full gene sequence ACADS (acyl-CoA dehydrogenase, C-2 to C-3 short chain) (eg, short chain acyl-CoA dehydrogenase deficiency), full gene sequence ACTA2 (actin, alpha 2, smooth muscle, aorta) (eg, thoracic aortic aneurysms and aortic dissections), full gene sequence ACTC1 (actin, alpha, cardiac muscle 1) (eg, familial hypertrophic cardiomyopathy), full gene sequence ANKRD1 (ankyrin repeat domain 1) (eg, dilated cardiomyopathy), full gene sequence APTX (aprataxin) (eg, ataxia with oculomotor apraxia 1), full gene sequence ARSA (arylsulfatase A) (eg, arylsulfatase A deficiency), full gene sequence BCKDHA (branched chain keto acid dehydrogenase E1, alpha polypeptide) (eg, maple syrup urine disease, type 1A), full gene sequence BCS1L (BCS1-like [S. cerevisiae]) (eg, Leigh syndrome, mitochondrial complex III deficiency, GRACILE syndrome), full gene sequence BMPR2 (bone morphogenetic protein receptor, type II [serine/threonine kinase]) (eg, heritable pulmonary arterial hypertension), duplication/deletion analysis CASQ2 (calsequestrin 2 [cardiac muscle]) (eg, catecholaminergic polymorphic ventricular tachycardia), full gene sequence CASR (calcium-sensing receptor) (eg, hypocalcemia), full gene sequence CDKL5 (cyclin-dependent kinase-like 5) (eg, early infantile epileptic encephalopathy), duplication/deletion analysis CHRNA4 (cholinergic receptor, nicotinic, alpha 4) (eg, nocturnal frontal lobe epilepsy), full gene sequence CHRNB2 (cholinergic receptor, nicotinic, beta 2 [neuronal]) (eg, nocturnal frontal lobe epilepsy), full gene sequence COX10 (COX10 homolog, cytochrome c oxidase assembly protein) (eg, mitochondrial respiratory chain complex IV deficiency), full gene sequence COX15 ( COX15 homolog, cytochrome c oxidase assembly protein) (eg, mitochondrial respiratory chain complex IV deficiency), full gene sequence CPOX (coproporphyrinogen oxidase) (eg, hereditary coproporphyria), full gene sequence CTRC (chymotrypsin C) (eg, hereditary pancreatitis), full gene sequence CYP11B1 (cytochrome P450, family 11, subfamily B, polypeptide 1) (eg, congenital adrenal hyperplasia), full gene sequence CYP17A1 (cytochrome P450, family 17, subfamily A, polypeptide 1) (eg, congenital adrenal hyperplasia), full gene sequence CYP21A2 (cytochrome P450, family 21, subfamily A, polypeptide2) (eg, steroid 21-hydroxylase isoform, congenital adrenal hyperplasia), full gene sequence Cytogenomic constitutional targeted microarray analysis of chromosome 22q13 by interrogation of genomic regions for copy number and single nucleotide polymorphism (SNP) variants for chromosomal abnormalities (When performing cytogenomic [genome-wide] analysis for constitutional chromosomal abnormalities, see 81228, 81229, 81349) (Do not report analyte-specific molecular pathology procedures separately when the specific analytes are included as part of the microarray analysis of chromosome 22q13) (Do not report 88271 when performing |

| Type of Code | Code | Description |
|---|---|---|
| | | cytogenomic microarray analysis) DBT (dihydrolipoamide branched chain transacylase E2) (eg, maple syrup urine disease, type 2), duplication/deletion analysis DCX (doublecortin) (eg, X-linked lissencephaly), full gene sequence DES (desmin) (eg, myofibrillar myopathy), full gene sequence DFNB59 (deafness, autosomal recessive 59) (eg, autosomal recessive nonsyndromic hearing impairment), full gene sequence DGUOK (deoxyguanosine kinase) (eg, hepatocerebral mitochondrial DNA depletion syndrome), full gene sequence DHCR7 (7-dehydrocholesterol reductase) (eg, Smith-Lemli-Opitz syndrome), full gene sequence EIF2B2 (eukaryotic translation initiation factor 2B, subunit 2 beta, 39kDa) (eg, leukoencephalopathy with vanishing white matter), full gene sequence EMD (emerin) (eg , Emery-Dreifuss muscular dystrophy), full gene sequence ENG (endoglin) (eg, hereditary hemorrhagic telangiectasia, type 1), duplication/deletion analysis EYA1 (eyes absent homolog 1 [Drosophila]) (eg, branchio-oto-renal [BOR] spectrum disorders), duplication/deletion analysis FGFR1 (fibroblast growth factor receptor 1) (eg, Kallmann syndrome 2), full gene sequence FH (fumarate hydratase) (eg, fumarate hydratase deficiency, hereditary leiomyomatosis with renal cell cancer), full gene sequence FKTN (fukutin) (eg, limb-girdle muscular dystrophy [LGMD] type 2M or 2L), full gene sequence FTSJ1 (FtsJ RNA methyltransferase homolog 1 [E. coli]) (eg, X-linked mental retardation 9), duplication/deletion analysis GABRG2 (gamma-aminobutyric acid [GABA] A receptor, gamma 2) (eg, generalized epilepsy with febrile seizures), full gene sequence GCH1 (GTP cyclohydrolase 1) (eg, autosomal dominant dopa-responsive dystonia), full gene sequence GDAP1 (ganglioside-induced differentiation-associated protein 1) (eg, Charcot-Marie-Tooth disease), full gene sequence GFAP (glial fibrillary acidic protein) (eg, Alexander disease), full gene sequence GHR (growth hormone receptor) (eg, Laron syndrome), full gene sequence GHRHR (growth hormone releasing hormone receptor) (eg, growth hormone deficiency), full gene sequence GLA (galactosidase, alpha) (eg, Fabry disease), full gene sequence HNF1A (HNF1 homeobox A) (eg, maturity-onset diabetes of the young [MODY]), full gene sequence HNF1B (HNF1 homeobox B) (eg, maturity-onset diabetes of the young [MODY]), full gene sequence HTRA1 (HtrA serine peptidase 1) (eg, macular degeneration), full gene sequence IDS (iduronate 2-sulfatase) (eg, mucopolysacchridosis, type II), full gene sequence IL2RG (interleukin 2 receptor, gamma) (eg, X-linked severe combined immunodeficiency), full gene sequence ISPD (isoprenoid synthase domain containing) (eg, muscle-eye-brain disease, Walker-Warburg syndrome), full gene sequence KRAS (Kirsten rat sarcoma viral oncogene homolog) (eg, Noonan syndrome), full gene sequence LAMP2 (lysosomal-associated membrane protein 2) (eg, Danon disease), full gene sequence LDLR (low density lipoprotein receptor) (eg, familial hypercholesterolemia), duplication/deletion analysis MEN1 (multiple endocrine neoplasia I) (eg, multiple endocrine neoplasia type 1, Wermer syndrome), full gene sequence MMAA (methylmalonic aciduria [cobalamine deficiency] type A) (eg, MMAA-related |

| Type of Code | Code | Description |
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| | | methylmalonic acidemia), full gene sequence MMAB (methylmalonic aciduria [cobalamine deficiency] type B) (eg, MMAA-related methylmalonic acidemia), full gene sequence MPI (mannose phosphate isomerase) (eg, congenital disorder of glycosylation 1b), full gene sequence MPV17 (MpV17 mitochondrial inner membrane protein) (eg, mitochondrial DNA depletion syndrome), full gene sequence MPZ (myelin protein zero) (eg, Charcot-Marie-Tooth), full gene sequence MTM1 (myotubularin 1) (eg, X-linked centronuclear myopathy), duplication/deletion analysis MYL2 (myosin, light chain 2, regulatory, cardiac, slow) (eg, familial hypertrophic cardiomyopathy), full gene sequence MYL3 (myosin, light chain 3, alkali, ventricular, skeletal, slow) (eg, familial hypertrophic cardiomyopathy), full gene sequence MYOT (myotilin) (eg, limb-girdle muscular dystrophy), full gene sequence NDUFS7 (NADH dehydrogenase [ubiquinone] Fe-S protein 7, 20kDa [NADH-coenzyme Q reductase]) (eg, Leigh syndrome, mitochondrial complex I deficiency), full gene sequence NDUFS8 (NADH dehydrogenase [ubiquinone] Fe-S protein 8, 23kDa [NADH-coenzyme Q reductase]) (eg, Leigh syndrome, mitochondrial complex I deficiency), full gene sequence NDUFV1 (NADH dehydrogenase [ubiquinone] flavoprotein 1, 51kDa) (eg, Leigh syndrome, mitochondrial complex I deficiency), full gene sequence NEFL (neurofilament, light polypeptide) (eg, Charcot-Marie-Tooth), full gene sequence NF2 (neurofibromin 2 [merlin]) (eg, neurofibromatosis, type 2), duplication/deletion analysis NLGN3 (neuroligin 3) (eg, autism spe ctrum disorders), full gene sequence NLGN4X (neuroligin 4, X-linked) (eg, autism spectrum disorders), full gene sequence NPHP1 (nephronophthisis 1 [juvenile]) (eg, Joubert syndrome), deletion analysis, and duplication analysis, if performed NPHS2 (nephrosis 2, idiopathic, steroid-resistant [podocin]) (eg, steroid-resistant nephrotic syndrome), full gene sequence NSD1 (nuclear receptor binding SET domain protein 1) (eg, Sotos syndrome), duplication/deletion analysis OTC (ornithine carbamoyltransferase) (eg, ornithine transcarbamylase deficiency), full gene sequence PAFAH1B1 (platelet-activating factor acetylhydrolase 1b, regulatory subunit 1 [45kDa]) (eg, lissencephaly, Miller-Dieker syndrome), duplication/deletion analysis PARK2 (Parkinson protein 2, E3 ubiquitin protein ligase [parkin]) (eg, Parkinson disease), duplication/deletion analysis PCCA (propionyl CoA carboxylase, alpha polypeptide) (eg, propionic acidemia, type 1), duplication/deletion analysis PCDH19 (protocadherin 19) (eg, epileptic encephalopathy), full gene sequence PDHA1 (pyruvate dehydrogenase [lipoamide] alpha 1) (eg, lactic acidosis), duplication/deletion analysis PDHB (pyruvate dehydrogenase [lipoamide] beta) (eg, lactic acidosis), full gene sequence PINK1 (PTEN induced putative kinase 1) (eg, Parkinson disease), full gene sequence PKLR (pyruvate kinase, liver and RBC) (eg, pyruvate kinase deficiency), full gene sequence PLP1 (proteolipid protein 1) (eg, Pelizaeus-Merzbacher disease, spastic paraplegia), full gene sequence POU1F1 (POU class 1 homeobox 1) (eg, combined pituitary hormone deficiency), full gene sequence PRX (periaxin) (eg, Charcot-Marie-Tooth disease), full gene sequence PQBP1 |

| Type of Code | Code | Description |
|---|---|---|
| | | (polyglutamine binding protein 1) (eg, Renpenning syndrome), full gene sequence PSEN1 (presenilin 1) (eg, Alzheimer disease), full gene sequence RAB7A (RAB7A, member RAS oncogene family) (eg, Charcot-Marie-Tooth disease), full gene sequence RAI1 (retinoic acid induced 1) (eg, Smith-Magenis syndrome), full gene sequence REEP1 (receptor accessory protein 1) (eg, spastic paraplegia), full gene sequence RET (ret proto-oncogene) (eg, multiple endocrine neoplasia, type 2A and familial medullary thyroid carcinoma), targeted sequence analysis (eg, exons 10, 11, 13-16) RPS19 (ribosomal protein S19) (eg, Diamond-Blackfan anemia), full gene sequence RRM2B (ribonucleotide reductase M2 B [TP53 inducible]) (eg, mitochondrial DNA depletion), full gene sequence SCO1 (SCO cytochrome oxidase deficient homolog 1) (eg, mitochondrial respiratory chain complex IV deficiency), full gene sequence SDHB (succinate dehydrogenase complex, subunit B, iron sulfur) (eg, hereditary paraganglioma), full gene sequence SDHC (succinate dehydrogenase complex, subunit C, integral membrane protein, 15kDa) (eg, hereditary paraganglioma-pheochromocytoma syndrome), full gene sequence SGCA (sarcoglycan, alpha [50kDa dystrophin-associated glycoprotein]) (eg, limb-girdle muscular dystrophy), full gene sequence SGCB (sarcoglycan, beta [43kDa dystrophin-associated glycoprotein]) (eg, limb-girdle muscular dystrophy), full gene sequence SGCD (sarcoglycan, delta [35kDa dystrophin-associated glycoprotein]) (eg, limb-girdle muscular dystrophy), full gene sequence SGCE (sarcoglycan, epsilon) (eg, myoclonic dystonia), duplication/deletion analysis SGCG (sarcoglycan, gamma [35kDa dystrophin-associated glycoprotein]) (eg, limb-girdle muscular dystrophy), full gene sequence SHOC2 (soc-2 suppressor of clear homolog) (eg, Noonan-like syndrome with loose anagen hair), full gene sequence SHOX (short stature homeobox) (eg, Langer mesomelic dysplasia), full gene sequence SIL1 (SIL1 homolog, endoplasmic reticulum chaperone [S. cerevisiae]) (eg, ataxia), full gene sequence SLC2A1 (solute carrier family 2 [facilitated glucose transporter], member 1) (eg, glucose transporter type 1 [GLUT 1] deficiency syndrome), full gene sequence SLC16A2 (solute carrier family 16, member 2 [thyroid hormone transporter]) (eg, specific thyroid hormone ce ll transporter deficiency, Allan-Herndon-Dudley syndrome), full gene sequence SLC22A5 (solute carrier family 22 [organic cation/carnitine transporter], member 5) (eg, systemic primary carnitine deficiency), full gene sequence SLC25A20 (solute carrier family 25 [carnitine/acylcarnitine translocase], member 20) (eg, carnitine-acylcarnitine translocase deficiency), full gene sequence SMAD4 (SMAD family member 4) (eg, hemorrhagic telangiectasia syndrome, juvenile polyposis), duplication/deletion analysis SPAST (spastin) (eg, spastic paraplegia), duplication/deletion analysis SPG7 (spastic paraplegia 7 [pure and complicated autosomal recessive]) (eg, spastic paraplegia), duplication/deletion analysis SPRED1 (sprouty-related, EVH1 domain containing 1) (eg, Legius syndrome), full gene sequence STAT3 (signal transducer and activator of transcription 3 [acute-phase response factor]) (eg, autosomal dominant hyper-IgE syndrome), targeted sequence analysis |

| Type of Code | Code | Description |
|---|---|---|
| | | (eg, exons 12, 13, 14, 16, 17, 20, 21) STK11 (serine/threonine kinase 11) (eg, Peutz-Jeghers syndrome), full gene sequence SURF1 (surfeit 1) (eg, mitochondrial respiratory chain complex IV deficiency), full gene sequence TARDBP (TAR DNA binding protein) (eg, amyotrophic lateral sclerosis), full gene sequence TBX5 (T-box 5) (eg, Holt-Oram syndrome), full gene sequence TCF4 (transcription factor 4) (eg, Pitt-Hopkins syndrome), duplication/deletion analysis TGFBR1 (transforming growth factor, beta receptor 1) (eg, Marfan syndrome), full gene sequence TGFBR2 (transforming growth factor, beta receptor 2) (eg, Marfan syndrome), full gene sequence THRB (thyroid hormone receptor, beta) (eg, thyroid hormone resistance, thyroid hormone beta receptor deficiency), full gene sequence or targeted sequence analysis of >5 exons TK2 (thymidine kinase 2, mitochondrial) (eg, mitochondrial DNA depletion syndrome), full gene sequence TNNC1 (troponin C type 1 [slow]) (eg, hypertrophic cardiomyopathy or dilated cardiomyopathy), full gene sequence T NNI3 (troponin I, type 3 [cardiac]) (eg, familial hypertrophic cardiomyopathy), full gene sequence TPM1 (tropomyosin 1 [alpha]) (eg, familial hypertrophic cardiomyopathy), full gene sequence TSC1 (tuberous sclerosis 1) (eg, tuberous sclerosis), duplication/deletion analysis TYMP (thymidine phosphorylase) (eg, mitochondrial DNA depletion syndrome), full gene sequence VWF (von Willebrand factor) (eg, von Willebrand disease type 2N), targeted sequence analysis (eg, exons 18-20, 23-25) WT1 (Wilms tumor 1) (eg, Denys-Drash syndrome, familial Wilms tumor), full gene sequence ZEB2 (zinc finger E-box binding homeobox 2) (eg, Mowat-Wilson syndrome), full gene sequence |

| Type of Code | Code | Description |
|---|---|---|
| CPT-I | 81406 | Molecular pathology procedure, Level 7 (eg, analysis of 11-25 exons by DNA sequence analysis, mutation scanning or duplication/deletion variants of 26-50 exons) ACADVL (acyl-CoA dehydrogenase, very long chain) (eg, very long chain acyl-coenzyme A dehydrogenase deficiency), full gene sequence ACTN4 (actinin, alpha 4) (eg, focal segmental glomerulosclerosis), full gene sequence AFG3L2 (AFG3 ATPase family gene 3-like 2 [S. cerevisiae]) (eg, spinocerebellar ataxia), full gene sequence AIRE (autoimmune regulator) (eg, autoimmune polyendocrinopathy syndrome type 1), full gene sequence ALDH7A1 (aldehyde dehydrogenase 7 family, member A1) (eg, pyridoxine-dependent epilepsy), full gene sequence ANO5 (anoctamin 5) (eg, limb-girdle muscular dystrophy), full gene sequence ANOS1 (anosmin-1) (eg, Kallmann syndrome 1), full gene sequence APP (amyloid beta [A4] precursor protein) (eg, Alzheimer disease), full gene sequence ASS1 (argininosuccinate synthase 1) (eg, citrullinemia type I), full gene sequence ATL1 (atlastin GTPase 1) (eg, spastic paraplegia), full gene sequence ATP1A2 (ATPase, Na+/K+ transporting, alpha 2 polypeptide) (eg, familial hemiplegic migraine), full gene sequence ATP7B (ATPase, Cu++ transporting, beta polypeptide) (eg, Wilson disease), full gene sequence BBS1 (Bardet-Biedl syndrome 1) (eg, Bardet-Biedl syndrome), full gene sequence BBS2 (Bardet-Biedl syndrome 2) (eg, Bardet-Biedl syndrome), full gene sequence BCKDHB (branched-chain keto acid dehydrogenase E1, beta polypeptide) (eg, maple syrup urine disease, type 1B), full gene sequence BEST1 (bestrophin 1) (eg, vitelliform macular dystrophy), full gene sequence BMPR2 (bone morphogenetic protein receptor, type II [serine/threonine kinase]) (eg, heritable pulmonary arterial hypertension), full gene sequence BRAF (B-Raf proto-oncogene, serine/threonine kinase) (eg, Noonan syndrome), full gene sequence BSCL2 (Berardinelli-Seip congenital lipodystrophy 2 [seipin]) (eg, Berardinelli-Seip congenital lipodystrophy), f ull gene sequence BTK (Bruton agammaglobulinemia tyrosine kinase) (eg, X-linked agammaglobulinemia), full gene sequence CACNB2 (calcium channel, voltage-dependent, beta 2 subunit) (eg, Brugada syndrome), full gene sequence CAPN3 (calpain 3) (eg, limb-girdle muscular dystrophy [LGMD] type 2A, calpainopathy), full gene sequence CBS (cystathionine-beta-synthase) (eg, homocystinuria, cystathionine beta-synthase deficiency), full gene sequence CDH1 (cadherin 1, type 1, E-cadherin [epithelial]) (eg, hereditary diffuse gastric cancer), full gene sequence CDKL5 (cyclin-dependent kinase-like 5) (eg, early infantile epileptic encephalopathy), full gene sequence CLCN1 (chloride channel 1, skeletal muscle) (eg, myotonia congenita), full gene sequence CLCNKB (chloride channel, voltage-sensitive Kb) (eg, Bartter syndrome 3 and 4b), full gene sequence CNTNAP2 (contactin-associated protein-like 2) (eg, Pitt-Hopkins-like syndrome 1), full gene sequence COL6A2 (collagen, type VI, alpha 2) (eg, collagen type VI-related disorders), duplication/deletion analysis CPT1A (carnitine palmitoyltransferase 1A [liver]) (eg, carnitine palmitoyltransferase 1A [CPT1A] deficiency), full gene sequence CRB1 (crumbs homolog 1 [Drosophila]) (eg, Leber congenital amaurosis), full gene sequence |

| Type of Code | Code | Description |
|---|---|---|
| | | CREBBP (CREB binding protein) (eg, Rubinstein-Taybi syndrome), duplication/deletion analysis DBT (dihydrolipoamide branched chain transacylase E2) (eg, maple syrup urine disease, type 2), full gene sequence DLAT (dihydrolipoamide S-acetyltransferase) (eg, pyruvate dehydrogenase E2 deficiency), full gene sequence DLD (dihydrolipoamide dehydrogenase) (eg, maple syrup urine disease, type III), full gene sequence DSC2 (desmocollin) (eg, arrhythmogenic right ventricular dysplasia/cardiomyopathy 11), full gene sequence DSG2 (desmoglein 2) (eg, arrhythmogenic right ventricular dysplasia/cardiomyopathy 10), full gene sequence DSP (desmoplakin) (eg, arrhythmogenic right ventricular dysplasia/cardiomyopathy 8), full gene se quence EFHC1 (EF-hand domain [C-terminal] containing 1) (eg, juvenile myoclonic epilepsy), full gene sequence EIF2B3 (eukaryotic translation initiation factor 2B, subunit 3 gamma, 58kDa) (eg, leukoencephalopathy with vanishing white matter), full gene sequence EIF2B4 (eukaryotic translation initiation factor 2B, subunit 4 delta, 67kDa) (eg, leukoencephalopathy with vanishing white matter), full gene sequence EIF2B5 (eukaryotic translation initiation factor 2B, subunit 5 epsilon, 82kDa) (eg, childhood ataxia with central nervous system hypomyelination/vanishing white matter), full gene sequence ENG (endoglin) (eg, hereditary hemorrhagic telangiectasia, type 1), full gene sequence EYA1 (eyes absent homolog 1 [Drosophila]) (eg, branchio-oto-renal [BOR] spectrum disorders), full gene sequence F8 (coagulation factor VIII) (eg, hemophilia A), duplication/deletion analysis FAH (fumarylacetoacetate hydrolase [fumarylacetoacetase]) (eg, tyrosinemia, type 1), full gene sequence FASTKD2 (FAST kinase domains 2) (eg, mitochondrial respiratory chain complex IV deficiency), full gene sequence FIG4 (FIG4 homolog, SAC1 lipid phosphatase domain containing [S. cerevisiae]) (eg, Charcot-Marie-Tooth disease), full gene sequence FTSJ1 (FtsJ RNA methyltransferase homolog 1 [E. coli]) (eg, X-linked mental retardation 9), full gene sequence FUS (fused in sarcoma) (eg, amyotrophic lateral sclerosis), full gene sequence GAA (glucosidase, alpha; acid) (eg, glycogen storage disease type II [Pompe disease]), full gene sequence GALC (galactosylceramidase) (eg, Krabbe disease), full gene sequence GALT (galactose-1-phosphate uridylyltransferase) (eg, galactosemia), full gene sequence GARS (glycyl-tRNA synthetase) (eg, Charcot-Marie-Tooth disease), full gene sequence GCDH (glutaryl-CoA dehydrogenase) (eg, glutaricacidemia type 1), full gene sequence GCK (glucokinase [hexokinase 4]) (eg, maturity-onset diabetes of the young [MODY]), full gene sequence GLUD1 (glutamate dehydrogenase 1) (eg, familial h yperinsulinism), full gene sequence GNE (glucosamine [UDP-N-acetyl]-2-epimerase/N-acetylmannosamine kinase) (eg, inclusion body myopathy 2 [IBM2], Nonaka myopathy), full gene sequence GRN (granulin) (eg, frontotemporal dementia), full gene sequence HADHA (hydroxyacyl-CoA dehydrogenase/3-ketoacyl-CoA thiolase/enoyl-CoA hydratase [trifunctional protein] alpha subunit) (eg, long chain acyl-coenzyme A dehydrogenase deficiency), full gene sequence HADHB (hydroxyacyl-CoA dehydrogenase/3-ketoacyl-CoA thiolase/enoyl-CoA hydratase |

| Type of Code | Code | Description |
|---|---|---|
| | | [trifunctional protein], beta subunit) (eg, trifunctional protein deficiency), full gene sequence HEXA (hexosaminidase A, alpha polypeptide) (eg, Tay-Sachs disease), full gene sequence HLCS (HLCS holocarboxylase synthetase) (eg, holocarboxylase synthetase deficiency), full gene sequence HMBS (hydroxymethylbilane synthase) (eg, acute intermittent porphyria), full gene sequence HNF4A (hepatocyte nuclear factor 4, alpha) (eg, maturity-onset diabetes of the young [MODY]), full gene sequence IDUA (iduronidase, alpha-L-) (eg, mucopolysaccharidosis type I), full gene sequence INF2 (inverted formin, FH2 and WH2 domain containing) (eg, focal segmental glomerulosclerosis), full gene sequence IVD (isovaleryl-CoA dehydrogenase) (eg, isovaleric acidemia), full gene sequence JAG1 (jagged 1) (eg, Alagille syndrome), duplication/deletion analysis JUP (junction plakoglobin) (eg, arrhythmogenic right ventricular dysplasia/cardiomyopathy 11), full gene sequence KCNH2 (potassium voltage-gated channel, subfamily H [eag-related], member 2) (eg, short QT syndrome, long QT syndrome), full gene sequence KCNQ1 (potassium voltage-gated channel, KQT-like subfamily, member 1) (eg, short QT syndrome, long QT syndrome), full gene sequence KCNQ2 (potassium voltage-gated channel, KQT-like subfamily, member 2) (eg, epileptic encephalopathy), full gene sequence LDB3 (LIM domain binding 3) (eg, familial dilated cardiomyopathy, myofibrillar myopathy), full gene sequence LDLR (low dens ity lipoprotein receptor) (eg, familial hypercholesterolemia), full gene sequence LEPR (leptin receptor) (eg, obesity with hypogonadism), full gene sequence LHCGR (luteinizing hormone/choriogonadotropin receptor) (eg, precocious male puberty), full gene sequence LMNA (lamin A/C) (eg, Emery-Dreifuss muscular dystrophy [EDMD1, 2 and 3] limb-girdle muscular dystrophy [LGMD] type 1B, dilated cardiomyopathy [CMD1A], familial partial lipodystrophy [FPLD2]), full gene sequence LRP5 (low density lipoprotein receptor-related protein 5) (eg, osteopetrosis), full gene sequence MAP2K1 (mitogen-activated protein kinase 1) (eg, cardiofaciocutaneous syndrome), full gene sequence MAP2K2 (mitogen-activated protein kinase 2) (eg, cardiofaciocutaneous syndrome), full gene sequence MAPT (microtubule-associated protein tau) (eg, frontotemporal dementia), full gene sequence MCCC1 (methylcrotonoyl-CoA carboxylase 1 [alpha]) (eg, 3-methylcrotonyl-CoA carboxylase deficiency), full gene sequence MCCC2 (methylcrotonoyl-CoA carboxylase 2 [beta]) (eg, 3-methylcrotonyl carboxylase deficiency), full gene sequence MFN2 (mitofusin 2) (eg, Charcot-Marie-Tooth disease), full gene sequence MTM1 (myotubularin 1) (eg, X-linked centronuclear myopathy), full gene sequence MUT (methylmalonyl CoA mutase) (eg, methylmalonic acidemia), full gene sequence MUTYH (mutY homolog [E. coli]) (eg, MYH-associated polyposis), full gene sequence NDUFS1 (NADH dehydrogenase [ubiquinone] Fe-S protein 1, 75kDa [NADH-coenzyme Q reductase]) (eg, Leigh syndrome, mitochondrial complex I deficiency), full gene sequence NF2 (neurofibromin 2 [merlin]) (eg, neurofibromatosis, type 2), full gene sequence NOTCH3 (notch 3) (eg, cerebral |

| Type of Code | Code | Description |
|---|---|---|
| | | autosomal dominant arteriopathy with subcortical infarcts and leukoencephalopathy [CADASIL]), targeted sequence analysis (eg, exons 1-23) NPC1 (Niemann-Pick disease, type C1) (eg, Niemann-Pick disease), full gene sequence NPHP1 (nephronophthisis 1 [juvenile]) (eg, Joubert syndrome), full gene sequence NSD1 (nuclear receptor binding SET domain protein 1) (eg, Sotos syndrome), full gene sequence OPA1 (optic atrophy 1) (eg, optic atrophy), duplication/deletion analysis OPTN (optineurin) (eg, amyotrophic lateral sclerosis), full gene sequence PAFAH1B1 (platelet-activating factor acetylhydrolase 1b, regulatory subunit 1 [45kDa]) (eg, lissencephaly, Miller-Dieker syndrome), full gene sequence PAH (phenylalanine hydroxylase) (eg, phenylketonuria), full gene sequence PARK2 (Parkinson protein 2, E3 ubiquitin protein ligase [parkin]) (eg, Parkinson disease), full gene sequence PAX2 (paired box 2) (eg, renal coloboma syndrome), full gene sequence PC (pyruvate carboxylase) (eg, pyruvate carboxylase deficiency), full gene sequence PCCA (propionyl CoA carboxylase, alpha polypeptide) (eg, propionic acidemia, type 1), full gene sequence PCCB (propionyl CoA carboxylase, beta polypeptide) (eg, propionic acidemia), full gene sequence PCDH15 (protocadherin-related 15) (eg, Usher syndrome type 1F), duplication/deletion analysis PCSK9 (proprotein convertase subtilisin/kexin type 9) (eg, familial hypercholesterolemia), full gene sequence PDHA1 (pyruvate dehydrogenase [lipoamide] alpha 1) (eg, lactic acidosis), full gene sequence PDHX (pyruvate dehydrogenase complex, component X) (eg, lactic acidosis), full gene sequence PHEX (phosphate-regulating endopeptidase homolog, X-linked) (eg, hypophosphatemic rickets), full gene sequence PKD2 (polycystic kidney disease 2 [autosomal dominant]) (eg, polycystic kidney disease), full gene sequence PKP2 (plakophilin 2) (eg, arrhythmogenic right ventricular dysplasia/cardiomyopathy 9), full gene sequence PNKD (paroxysmal nonkinesigenic dyskinesia) (eg, paroxysmal nonkinesigenic dyskinesia), full gene sequence POLG (polymerase [DNA directed], gamma) (eg, Alpers-Huttenlocher syndrome, autosomal dominant progressive external ophthalmoplegia), full gene sequence POMGNT1 (protein O-linked mannose beta1,2-N acetylglucosaminyltransferase) (eg, muscle-eye-br ain disease, Walker-Warburg syndrome), full gene sequence POMT1 (protein-O-mannosyltransferase 1) (eg, limb-girdle muscular dystrophy [LGMD] type 2K, Walker-Warburg syndrome), full gene sequence POMT2 (protein-O-mannosyltransferase 2) (eg, limb-girdle muscular dystrophy [LGMD] type 2N, Walker-Warburg syndrome), full gene sequence PPOX (protoporphyrinogen oxidase) (eg, variegate porphyria), full gene sequence PRKAG2 (protein kinase, AMP-activated, gamma 2 non-catalytic subunit) (eg, familial hypertrophic cardiomyopathy with Wolff-Parkinson-White syndrome, lethal congenital glycogen storage disease of heart), full gene sequence PRKCG (protein kinase C, gamma) (eg, spinocerebellar ataxia), full gene sequence PSEN2 (presenilin 2 [Alzheimer disease 4]) (eg, Alzheimer disease), full gene sequence PTPN11 (protein tyrosine phosphatase, non-receptor type 11) (eg,

| Type of Code | Code | Description |
|---|---|---|
| | | Noonan syndrome, LEOPARD syndrome), full gene sequence PYGM (phosphorylase, glycogen, muscle) (eg, glycogen storage disease type V, McArdle disease), full gene sequence RAF1 (v-raf-1 murine leukemia viral oncogene homolog 1) (eg, LEOPARD syndrome), full gene sequence RET (ret proto-oncogene) (eg, Hirschsprung disease), full gene sequence RPE65 (retinal pigment epithelium-specific protein 65kDa) (eg, retinitis pigmentosa, Leber congenital amaurosis), full gene sequence RYR1 (ryanodine receptor 1, skeletal) (eg, malignant hyperthermia), targeted sequence analysis of exons with functionally-confirmed mutations SCN4A (sodium channel, voltage-gated, type IV, alpha subunit) (eg, hyperkalemic periodic paralysis), full gene sequence SCNN1A (sodium channel, nonvoltage-gated 1 alpha) (eg, pseudohypoaldosteronism), full gene sequence SCNN1B (sodium channel, nonvoltage-gated 1, beta) (eg, Liddle syndrome, pseudohypoaldosteronism), full gene sequence SCNN1G (sodium channel, nonvoltage-gated 1, gamma) (eg, Liddle syndrome, pseudohypoaldosteronism), full gene sequence SDHA (succinate dehydrogenase complex, subunit A, flavoprotein [Fp]) (eg, Leigh syndrome, mitochondrial complex II deficiency), full gene sequence SETX (senataxin) (eg, ataxia), full gene sequence SGCE (sarcoglycan, epsilon) (eg, myoclonic dystonia), full gene sequence SH3TC2 (SH3 domain and tetratricopeptide repeats 2) (eg, Charcot-Marie-Tooth disease), full gene sequence SLC9A6 (solute carrier family 9 [sodium/hydrogen exchanger], member 6) (eg, Christianson syndrome), full gene sequence SLC26A4 (solute carrier family 26, member 4) (eg, Pendred syndrome), full gene sequence SLC37A4 (solute carrier family 37 [glucose-6-phosphate transporter], member 4) (eg, glycogen storage disease type Ib), full gene sequence SMAD4 (SMAD family member 4) (eg, hemorrhagic telangiectasia syndrome, juvenile polyposis), full gene sequence SOS1 (son of sevenless homolog 1) (eg, Noonan syndrome, gingival fibromatosis), full gene sequence SPAST (spastin) (eg, spastic paraplegia), full gene sequence SPG7 (spastic paraplegia 7 [pure and complicated autosomal recessive]) (eg, spastic paraplegia), full gene sequence STXBP1 (syntaxin-binding protein 1) (eg, epileptic encephalopathy), full gene sequence TAZ (tafazzin) (eg, methylglutaconic aciduria type 2, Barth syndrome), full gene sequence TCF4 (transcription factor 4) (eg, Pitt-Hopkins syndrome), full gene sequence TH (tyrosine hydroxylase) (eg, Segawa syndrome), full gene sequence TMEM43 (transmembrane protein 43) (eg, arrhythmogenic right ventricular cardiomyopathy), full gene sequence TNNT2 (troponin T, type 2 [cardiac]) (eg, familial hypertrophic cardiomyopathy), full gene sequence TRPC6 (transient receptor potential cation channel, subfamily C, member 6) (eg, focal segmental glomerulosclerosis), full gene sequence TSC1 (tuberous sclerosis 1) (eg, tuberous sclerosis), full gene sequence TSC2 (tuberous sclerosis 2) (eg, tuberous sclerosis), duplication/deletion analysis UBE3A (ubiquitin protein ligase E3A) (eg, Angelman syndrome), full gene sequence UMOD (uromodulin) (eg, glomerulocystic kidney dise ase with hyperuricemia and isosthenuria), full gene sequence VWF (von Willebrand factor) (von Willebrand disease |

| Type of Code | Code | Description |
|---|---|---|
| | | type 2A), extended targeted sequence analysis (eg, exons 11-16, 24-26, 51, 52) WAS (Wiskott-Aldrich syndrome [eczema-thrombocytopenia]) (eg, Wiskott-Aldrich syndrome), full gene sequence |

| Type of Code | Code | Description |
|---|---|---|
| CPT-I | 81407 | Molecular pathology procedure, Level 8 (eg, analysis of 26-50 exons by DNA sequence analysis, mutation scanning or duplication/deletion variants of >50 exons, sequence analysis of multiple genes on one platform) ABCC8 (ATP-binding cassette, sub-family C [CFTR/MRP], member 8) (eg, familial hyperinsulinism), full gene sequence AGL (amylo-alpha-1, 6-glucosidase, 4-alpha-glucanotransferase) (eg, glycogen storage disease type III), full gene sequence AHI1 (Abelson helper integration site 1) (eg, Joubert syndrome), full gene sequence APOB (apolipoprotein B) (eg, familial hypercholesterolemia type B) full gene sequence ASPM (asp [abnormal spindle] homolog, microcephaly associated [Drosophila]) (eg, primary microcephaly), full gene sequence CHD7 (chromodomain helicase DNA binding protein 7) (eg, CHARGE syndrome), full gene sequence COL4A4 (collagen, type IV, alpha 4) (eg, Alport syndrome), full gene sequence COL4A5 (collagen, type IV, alpha 5) (eg, Alport syndrome), duplication/deletion analysis COL6A1 (collagen, type VI, alpha 1) (eg, collagen type VI-related disorders), full gene sequence COL6A2 (collagen, type VI, alpha 2) (eg, collagen type VI-related disorders), full gene sequence COL6A3 (collagen, type VI, alpha 3) (eg, collagen type VI-related disorders), full gene sequence CREBBP (CREB binding protein) (eg, Rubinstein-Taybi syndrome), full gene sequence F8 (coagulation factor VIII) (eg, hemophilia A), full gene sequence JAG1 (jagged 1) (eg, Alagille syndrome), full gene sequence KDM5C (lysine [K]-specific demethylase 5C) (eg, X-linked mental retardation), full gene sequence KIAA0196 (KIAA0196) (eg, spastic paraplegia), full gene sequence L1CAM (L1 cell adhesion molecule) (eg, MASA syndrome, X-linked hydrocephaly), full gene sequence LAMB2 (laminin, beta 2 [laminin S]) (eg, Pierson syndrome), full gene sequence MYBPC3 (myosin binding protein C, cardiac) (eg, familial hypertrophic cardiomyopathy), full gene sequence MYH6 (myosin, heavy chain 6, cardiac muscle, alpha) (eg, familial dilated cardiomyopathy), full gene sequence MYH7 (myosin, heavy chain 7, cardiac muscle, beta) (eg, familial hypertrophic cardiomyopathy, Liang distal myopathy), full gene sequence MYO7A (myosin VIIA) (eg, Usher syndrome, type 1), full gene sequence NOTCH1 (notch 1) (eg, aortic valve disease), full gene sequence NPHS1 (nephrosis 1, congenital, Finnish type [nephrin]) (eg, congenital Finnish nephrosis), full gene sequence OPA1 (optic atrophy 1) (eg, optic atrophy), full gene sequence PCDH15 (protocadherin-related 15) (eg, Usher syndrome, type 1), full gene sequence PKD1 (polycystic kidney disease 1 [autosomal dominant]) (eg, polycystic kidney disease), full gene sequence PLCE1 (phospholipase C, epsilon 1) (eg, nephrotic syndrome type 3), full gene sequence SCN1A (sodium channel, voltage-gated, type 1, alpha subunit) (eg, generalized epilepsy with febrile seizures), full gene sequence SCN5A (sodium channel, voltage-gated, type V, alpha subunit) (eg, familial dilated cardiomyopathy), full gene sequence SLC12A1 (solute carrier family 12 [sodium/potassium/chloride transporters], member 1) (eg, Bartter syndrome), full gene sequence SLC12A3 (solute carrier family 12 [sodium/chloride transporters], member 3) (eg, Gitelman syndrome), full gene |

| Type of Code | Code | Description |
|---|---|---|
| | | sequence SPG11 (spastic paraplegia 11 [autosomal recessive]) (eg, spastic paraplegia), full gene sequence SPTBN2 (spectrin, beta, non-erythrocytic 2) (eg, spinocerebellar ataxia), full gene sequence TMEM67 (transmembrane protein 67) (eg, Joubert syndrome), full gene sequence TSC2 (tuberous sclerosis 2) (eg, tuberous sclerosis), full gene sequence USH1C (Usher syndrome 1C [autosomal recessive, severe]) (eg, Usher syndrome, type 1), full gene sequence VPS13B (vacuolar protein sorting 13 homolog B [yeast]) (eg, Cohen syndrome), duplication/deletion analysis WDR62 (WD repeat domain 62) (eg, primary autosomal recessive microcephaly), full gene sequence |

| Type of Code | Code | Description |
|---|---|---|
| CPT-I | 81408 | Molecular pathology procedure, Level 9 (eg, analysis of >50 exons in a single gene by DNA sequence analysis) ABCA4 (ATP-binding cassette, sub-family A [ABC1], member 4) (eg, Stargardt disease, age-related macular degeneration), full gene sequence ATM (ataxia telangiectasia mutated) (eg, ataxia telangiectasia), full gene sequence CDH23 (cadherin-related 23) (eg, Usher syndrome, type 1), full gene sequence CEP290 (centrosomal protein 290kDa) (eg, Joubert syndrome), full gene sequence COL1A1 (collagen, type I, alpha 1) (eg, osteogenesis imperfecta, type I), full gene sequence COL1A2 (collagen, type I, alpha 2) (eg, osteogenesis imperfecta, type I), full gene sequence COL4A1 (collagen, type IV, alpha 1) (eg, brain small-vessel disease with hemorrhage), full gene sequence COL4A3 (collagen, type IV, alpha 3 [Goodpasture antigen]) (eg, Alport syndrome), full gene sequence COL4A5 (collagen, type IV, alpha 5) (eg, Alport syndrome), full gene sequence DMD (dystrophin) (eg, Duchenne/Becker muscular dystrophy), full gene sequence DYSF (dysferlin, limb girdle muscular dystrophy 2B [autosomal recessive]) (eg, limb-girdle muscular dystrophy), full gene sequence FBN1 (fibrillin 1) (eg, Marfan syndrome), full gene sequence ITPR1 (inositol 1,4,5-trisphosphate receptor, type 1) (eg, spinocerebellar ataxia), full gene sequence LAMA2 (laminin, alpha 2) (eg, congenital muscular dystrophy), full gene sequence LRRK2 (leucine-rich repeat kinase 2) (eg, Parkinson disease), full gene sequence MYH11 (myosin, heavy chain 11, smooth muscle) (eg, thoracic aortic aneurysms and aortic dissections), full gene sequence NEB (nebulin) (eg, nemaline myopathy 2), full gene sequence NF1 (neurofibromin 1) (eg, neurofibromatosis, type 1), full gene sequence PKHD1 (polycystic kidney and hepatic disease 1) (eg, autosomal recessive polycystic kidney disease), full gene sequence RYR1 (ryanodine receptor 1, skeletal) (eg, malignant hyperthermia), full gene sequence RYR2 (ryanodine receptor 2 [cardiac]) (eg, cate cholaminergic polymorphic ventricular tachycardia, arrhythmogenic right ventricular dysplasia), full gene sequence or targeted sequence analysis of > 50 exons USH2A (Usher syndrome 2A [autosomal recessive, mild]) (eg, Usher syndrome, type 2), full gene sequence VPS13B (vacuolar protein sorting 13 homolog B [yeast]) (eg, Cohen syndrome), full gene sequence VWF (von Willebrand factor) (eg, von Willebrand disease types 1 and 3), full gene sequence |
| CPT-I | 81410 | Aortic dysfunction or dilation (eg, Marfan syndrome, Loeys Dietz syndrome, Ehler Danlos syndrome type IV, arterial tortuosity syndrome); genomic sequence analysis panel, must include sequencing of at least 9 genes, including FBN1, TGFBR1, TGFBR2, COL3A1, MYH11, ACTA2, SLC2A10, SMAD3, and MYLK |

| Type of Code | Code | Description |
|---|---|---|
| CPT-I | 81411 | Aortic dysfunction or dilation (eg, Marfan syndrome, Loeys Dietz syndrome, Ehler Danlos syndrome type IV, arterial tortuosity syndrome); duplication/deletion analysis panel, must include analyses for TGFBR1, TGFBR2, MYH11, and COL3A1 |
| CPT-I | 81413 | Cardiac ion channelopathies (eg, Brugada syndrome, long QT syndrome, short QT syndrome, catecholaminergic polymorphic ventricular tachycardia); genomic sequence analysis panel, must include sequencing of at least 10 genes, including ANK2, CASQ2, CAV3, KCNE1, KCNE2, KCNH2, KCNJ2, KCNQ1, RYR2, and SCN5A |
| CPT-I | 81414 | Cardiac ion channelopathies (eg, Brugada syndrome, long QT syndrome, short QT syndrome, catecholaminergic polymorphic ventricular tachycardia); duplication/deletion gene analysis panel, must include analysis of at least 2 genes, including KCNH2 and KCNQ1 |
| CPT-I | 81415 | Exome (eg, unexplained constitutional or heritable disorder or syndrome); sequence analysis |
| CPT-I | 81416 | Exome (eg, unexplained constitutional or heritable disorder or syndrome); sequence analysis, each comparator exome (eg, parents, siblings) (List separately in addition to code for primary procedure) |
| CPT-I | 81417 | Exome (eg, unexplained constitutional or heritable disorder or syndrome); re-evaluation of previously obtained exome sequence (eg, updated knowledge or unrelated condition/syndrome) |
| CPT-I | 81419 | Epilepsy genomic sequence analysis panel, must include analyses for ALDH7A1, CACNA1A, CDKL5, CHD2, GABRG2, GRIN2A, KCNQ2, MECP2, PCDH19, POLG, PRRT2, SCN1A, SCN1B, SCN2A, SCN8A, SLC2A1, SLC9A6, STXBP1, SYNGAP1, TCF4, TPP1, TSC1, TSC2, and ZEB2 |
| CPT-I | 81420 | Fetal chromosomal aneuploidy (eg, trisomy 21, monosomy X) genomic sequence analysis panel, circulating cell-free fetal DNA in maternal blood, must include analysis of chromosomes 13, 18, and 21 |
| CPT-I | 81430 | Hearing loss (eg, nonsyndromic hearing loss, Usher syndrome, Pendred syndrome); genomic sequence analysis panel, must include sequencing of at least 60 genes, including CDH23, CLRN1, GJB2, GPR98, MTRNR1, MYO7A, MYO15A, PCDH15, OTOF, SLC26A4, TMC1, TMPRSS3, USH1C, USH1G, USH2A, and WFS1 |
| CPT-I | 81431 | Hearing loss (eg, nonsyndromic hearing loss, Usher syndrome, Pendred syndrome); duplication/deletion analysis panel, must include copy number analyses for STRC and DFNB1 deletions in GJB2 and GJB6 genes |
| CPT-I | 81434 | Hereditary retinal disorders (eg, retinitis pigmentosa, Leber congenital amaurosis, cone-rod dystrophy), genomic sequence analysis panel, must include sequencing of at least 15 genes, including ABCA4, CNGA1, CRB1, EYS, PDE6A, PDE6B, PRPF31, PRPH2, RDH12, RHO, RP1, RP2, RPE65, RPGR, and USH2A |

| Type of Code | Code | Description |
|---|---|---|
| CPT-I | 81435 | Hereditary colon cancer disorders (eg, Lynch syndrome, PTEN hamartoma syndrome, Cowden syndrome, familial adenomatosis polyposis); genomic sequence analysis panel, must include sequencing of at least 10 genes, including APC, BMPR1A, CDH1, MLH1, MSH2, MSH6, MUTYH, PTEN, SMAD4, and STK11 |
| CPT-I | 81436 | Hereditary colon cancer disorders (eg, Lynch syndrome, PTEN hamartoma syndrome, Cowden syndrome, familial adenomatosis polyposis); duplication/deletion analysis panel, must include analysis of at least 5 genes, including MLH1, MSH2, EPCAM, SMAD4, and STK11 |
| CPT-I | 81437 | Hereditary neuroendocrine tumor disorders (eg, medullary thyroid carcinoma, parathyroid carcinoma, malignant pheochromocytoma or paraganglioma); genomic sequence analysis panel, must include sequencing of at least 6 genes, including MAX, SDHB, SDHC, SDHD, TMEM127, and VHL |
| CPT-I | 81438 | Hereditary neuroendocrine tumor disorders (eg, medullary thyroid carcinoma, parathyroid carcinoma, malignant pheochromocytoma or paraganglioma); duplication/deletion analysis panel, must include analyses for SDHB, SDHC, SDHD, and VHL |
| CPT-I | 81439 | Hereditary cardiomyopathy (eg, hypertrophic cardiomyopathy, dilated cardiomyopathy, arrhythmogenic right ventricular cardiomyopathy), genomic sequence analysis panel, must include sequencing of at least 5 cardiomyopathy-related genes (eg, DSG2, MYBPC3, MYH7, PKP2, TTN) |
| CPT-I | 81440 | Nuclear encoded mitochondrial genes (eg, neurologic or myopathic phenotypes), genomic sequence panel, must include analysis of at least 100 genes, including BCS1L, C10orf2, COQ2, COX10, DGUOK, MPV17, OPA1, PDSS2, POLG, POLG2, RRM2B, SCO1, SCO2, SLC25A4, SUCLA2, SUCLG1, TAZ, TK2, and TYMP |
| CPT-I | 81445 | Targeted genomic sequence analysis panel, solid organ neoplasm, DNA analysis, and RNA analysis when performed, 5-50 genes (eg, ALK, BRAF, CDKN2A, EGFR, ERBB2, KIT, KRAS, NRAS, MET, PDGFRA, PDGFRB, PGR, PIK3CA, PTEN, RET), interrogation for sequence variants and copy number variants or rearrangements, if performed |
| CPT-I | 81450 | Targeted genomic sequence analysis panel, hematolymphoid neoplasm or disorder, DNA analysis, and RNA analysis when performed, 5-50 genes (eg, BRAF, CEBPA, DNMT3A, EZH2, FLT3, IDH1, IDH2, JAK2, KRAS, KIT, MLL, NRAS, NPM1, NOTCH1), interrogation for sequence variants, and copy number variants or rearrangements, or isoform expression or mRNA expression levels, if performed |

| Type of Code | Code | Description |
|---|---|---|
| CPT-I | 81455 | Targeted genomic sequence analysis panel, solid organ or hematolymphoid neoplasm, DNA analysis, and RNA analysis when performed, 51 or greater genes (eg, ALK, BRAF, CDKN2A, CEBPA, DNMT3A, EGFR, ERBB2, EZH2, FLT3, IDH1, IDH2, JAK2, KIT, KRAS, MLL, NPM1, NRAS, MET, NOTCH1, PDGFRA, PDGFRB, PGR, PIK3CA, PTEN, RET), interrogation for sequence variants and copy number variants or rearrangements, if performed |
| CPT-I | 81460 | Whole mitochondrial genome (eg, Leigh syndrome, mitochondrial encephalomyopathy, lactic acidosis, and stroke-like episodes [MELAS], myoclonic epilepsy with ragged-red fibers [MERFF], neuropathy, ataxia, and retinitis pigmentosa [NARP], Leber hereditary optic neuropathy [LHON]), genomic sequence, must include sequence analysis of entire mitochondrial genome with heteroplasmy detection |
| CPT-I | 81465 | Whole mitochondrial genome large deletion analysis panel (eg, Kearns-Sayre syndrome, chronic progressive external ophthalmoplegia), including heteroplasmy detection, if performed |
| CPT-I | 81479 | Unlisted molecular pathology procedure |
| CPT-I | 81500 | Oncology (ovarian), biochemical assays of two proteins (CA-125 and HE4), utilizing serum, with menopausal status, algorithm reported as a risk score |
| CPT-I | 81503 | Oncology (ovarian), biochemical assays of five proteins (CA-125, apolipoprotein A1, beta-2 microglobulin, transferrin, and pre-albumin), utilizing serum, algorithm reported as a risk score |
| CPT-I | 81504 | Oncology (tissue of origin), microarray gene expression profiling of > 2000 genes, utilizing formalin-fixed paraffin-embedded tissue, algorithm reported as tissue similarity scores |
| CPT-I | 81506 | Endocrinology (type 2 diabetes), biochemical assays of seven analytes (glucose, HbA1c, insulin, hs-CRP, adiponectin, ferritin, interleukin 2-receptor alpha), utilizing serum or plasma, algorithm reporting a risk score |
| CPT-I | 81507 | Fetal aneuploidy (trisomy 21, 18, and 13) DNA sequence analysis of selected regions using maternal plasma, algorithm reported as a risk score for each trisomy |
| CPT-I | 81508 | Fetal congenital abnormalities, biochemical assays of two proteins (PAPP-A, hCG [any form]), utilizing maternal serum, algorithm reported as a risk score |
| CPT-I | 81509 | Fetal congenital abnormalities, biochemical assays of three proteins (PAPP-A, hCG [any form], DIA), utilizing maternal serum, algorithm reported as a risk score |
| CPT-I | 81510 | Fetal congenital abnormalities, biochemical assays of three analytes (AFP, uE3, hCG [any form]), utilizing maternal serum, algorithm reported as a risk score |

| Type of Code | Code | Description |
|---|---|---|
| CPT-I | 81511 | Fetal congenital abnormalities, biochemical assays of four analytes (AFP, uE3, hCG [any form], DIA) utilizing maternal serum, algorithm reported as a risk score (may include additional results from previous biochemical testing) |
| CPT-I | 81512 | Fetal congenital abnormalities, biochemical assays of five analytes (AFP, uE3, total hCG, hyperglycosylated hCG, DIA) utilizing maternal serum, algorithm reported as a risk score |
| CPT-I | 81513 | Infectious disease, bacterial vaginosis, quantitative real-time amplification of RNA markers for Atopobium vaginae, Gardnerella vaginalis, and Lactobacillus species, utilizing vaginal-fluid specimens, algorithm reported as a positive or negative result for bacterial vaginosis |
| CPT-I | 81514 | Infectious disease, bacterial vaginosis and vaginitis, quantitative real-time amplification of DNA markers for Gardnerella vaginalis, Atopobium vaginae, Megasphaera type 1, Bacterial Vaginosis Associated Bacteria-2 (BVAB-2), and Lactobacillus species (L. crispatus and L. jensenii), utilizing vaginal-fluid specimens, algorithm reported as a positive or negative for high likelihood of bacterial vaginosis, includes separate detection of Trichomonas vaginalis and/or Candida species (C. albicans, C. tropicalis, C. parapsilosis, C. dubliniensis), Candida glabrata, Candida krusei, when reported |
| CPT-I | 81518 | Oncology (breast), mRNA, gene expression profiling by real-time RT-PCR of 11 genes (7 content and 4 housekeeping), utilizing formalin-fixed paraffin-embedded tissue, algorithms reported as percentage risk for metastatic recurrence and likelihood of benefit from extended endocrine therapy |
| CPT-I | 81519 | Oncology (breast), mRNA, gene expression profiling by real-time RT-PCR of 21 genes, utilizing formalin-fixed paraffin-embedded tissue, algorithm reported as recurrence score |
| CPT-I | 81522 | Oncology (breast), mRNA, gene expression profiling by RT-PCR of 12 genes (8 content and 4 housekeeping), utilizing formalin-fixed paraffin-embedded tissue, algorithm reported as recurrence risk score |
| CPT-I | 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 |
| CPT-I | 81528 | Oncology (colorectal) screening, quantitative real-time target and signal amplification of 10 DNA markers (KRAS mutations, promoter methylation of NDRG4 and BMP3) and fecal hemoglobin, utilizing stool, algorithm reported as a positive or negative result |

| Type of Code | Code | Description |
|---|---|---|
| CPT-I | 81529 | Oncology (cutaneous melanoma), mRNA, gene expression profiling by real-time RT-PCR of 31 genes (28 content and 3 housekeeping), utilizing formalin-fixed paraffin-embedded tissue, algorithm reported as recurrence risk, including likelihood of sentinel lymph node metastasis |
| CPT-I | 81541 | Oncology (prostate), mRNA gene expression profiling by real-time RT-PCR of 46 genes (31 content and 15 housekeeping), utilizing formalin-fixed paraffin-embedded tissue, algorithm reported as a disease-specific mortality risk score |
| CPT-I | 81542 | Oncology (prostate), mRNA, microarray gene expression profiling of 22 content genes, utilizing formalin-fixed paraffin-embedded tissue, algorithm reported as metastasis risk score |
| CPT-I | 81546 | Oncology (thyroid), mRNA, gene expression analysis of 10,196 genes, utilizing fine needle aspirate, algorithm reported as a categorical result (eg, benign or suspicious) |
| CPT-I | 81552 | Oncology (uveal melanoma), mRNA, gene expression profiling by real-time RT-PCR of 15 genes (12 content and 3 housekeeping), utilizing fine needle aspirate or formalin-fixed paraffin-embedded tissue, algorithm reported as risk of metastasis |
| CPT-I | 81554 | Pulmonary disease (idiopathic pulmonary fibrosis [IPF]), mRNA, gene expression analysis of 190 genes, utilizing transbronchial biopsies, diagnostic algorithm reported as categorical result (eg, positive or negative for high probability of usual interstitial pneumonia [UIP]) |
| CPT-I | 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 |
| CPT-I | 81595 | Cardiology (heart transplant), mRNA, gene expression profiling by real-time quantitative PCR of 20 genes (11 content and 9 housekeeping), utilizing subfraction of peripheral blood, algorithm reported as a rejection risk score |
| CPT-I | 92700 | Unlisted otorhinolaryngological service or procedure |
| CPT-I | 92970 | Cardioassist-method of circulatory assist; internal |
| CPT-I | 92971 | Cardioassist-method of circulatory assist; external |
| CPT-I | 97139 | Unlisted therapeutic procedure (specify) |

| Type of Code | Code | Description |
|---|---|---|
| CPT-I | 97607 | Negative pressure wound therapy, (eg, vacuum assisted drainage collection), utilizing disposable, non-durable medical equipment including provision of exudate management collection system, topical application(s), wound assessment, and instructions for ongoing care, per session; total wound(s) surface area less than or equal to 50 square centimeters |
| CPT-I | 97608 | Negative pressure wound therapy, (eg, vacuum assisted drainage collection), utilizing disposable, non-durable medical equipment including provision of exudate management collection system, topical application(s), wound assessment, and instructions for ongoing care, per session; total wound(s) surface area greater than 50 square centimeters |
| CPT-I | 97799 | Unlisted physical medicine/rehabilitation service or procedure |
| CPT-I | 99082 | Unusual travel (eg, transportation and escort of patient) |
| CPT-I | 99504 | Home visit for mechanical ventilation care |
| CPT-I | 99509 | Home visit for assistance with activities of daily living and personal care |
| CPT-I | 99600 | Unlisted home visit service or procedure |
| HCPCS | A4210 | Needle-free injection device, each |
| HCPCS | A9278 | Receiver (monitor); external, for use with interstitial continuous glucose monitoring system |
| HCPCS | B4102 | Enteral formula, for adults, used to replace fluids and electrolytes (e.g., clear liquids), 500 ml = 1 unit |
| HCPCS | B4103 | Enteral formula, for pediatrics, used to replace fluids and electrolytes (e.g., clear liquids), 500 ml = 1 unit |
| HCPCS | B4149 | Enteral formula, manufactured blenderized natural foods with intact nutrients, includes proteins, fats, carbohydrates, vitamins and minerals, may include fiber, administered through an enteral feeding tube, 100 calories = 1 unit |
| HCPCS | B4150 | Enteral formula, nutritionally complete with intact nutrients, includes proteins, fats, carbohydrates, vitamins and minerals, may include fiber, administered through an enteral feeding tube, 100 calories = 1 unit |
| HCPCS | B4152 | Enteral formula, nutritionally complete, calorically dense (equal to or greater than 1.5 kcal/ml) with intact nutrients, includes proteins, fats, carbohydrates, vitamins and minerals, may include fiber, administered through an enteral feeding tube, 100 calories = 1 unit |
| HCPCS | B4153 | Enteral formula, nutritionally complete, hydrolyzed proteins (amino acids and peptide chain), includes fats, carbohydrates, vitamins and minerals, may include fiber, administered through an enteral feeding tube, 100 calories = 1 unit |

| Type of Code | Code | Description |
|---|---|---|
| HCPCS | B4154 | Enteral formula, nutritionally complete, for special metabolic needs, excludes inherited disease of metabolism, includes altered composition of proteins, fats, carbohydrates, vitamins and/or minerals, may include fiber, administered through an enteral feeding tube, 100 calories = 1 unit |
| HCPCS | B4155 | Enteral formula, nutritionally incomplete/Modular nutrients, includes specific nutrients, carbohydrates (e.g., glucose polymers), proteins/amino acids (e.g., glutamine, arginine), fat (e.g., medium chain triglycerides) or combination, administered through an enteral feeding tube, 100 calories = 1 unit |
| HCPCS | B4158 | Enteral formula, for pediatrics, nutritionally complete with intact nutrients, includes proteins, fats, carbohydrates, vitamins and minerals, may include fiber and/or iron, administered through an enteral feeding tube, 100 calories = 1 unit |
| HCPCS | B4159 | Enteral formula, for pediatrics, nutritionally complete soy based with intact nutrients, includes proteins, fats, carbohydrates, vitamins and minerals, may include fiber and/or iron, administered through an enteral feeding tube, 100 calories = 1 unit |
| HCPCS | B4160 | Enteral formula, for pediatrics, nutritionally complete calorically dense (equal to or greater than 0.7 kcal/ml) with intact nutrients, includes proteins, fats, carbohydrates, vitamins and minerals, may include fiber, administered through an enteral feeding tube, 100 calories = 1 unit |
| HCPCS | B4161 | Enteral formula, for pediatrics, hydrolyzed/amino acids and peptide chain proteins, includes fats, carbohydrates, vitamins and minerals, may include fiber, administered through an enteral feeding tube, 100 calories = 1 unit |
| HCPCS | B4162 | Enteral formula, for pediatrics, special metabolic needs for inherited disease of metabolism, includes proteins, fats, carbohydrates, vitamins and minerals, may include fiber, administered through an enteral feeding tube, 100 calories = 1 unit |
| HCPCS | B9002 | Enteral nutrition infusion pump, any type |
| HCPCS | B9004 | Parenteral nutrition infusion pump, portable |
| HCPCS | B9006 | Parenteral nutrition infusion pump, stationary |
| HCPCS | E0181 | Powered pressure reducing mattress overlay/pad, alternating, with pump, includes heavy duty |
| HCPCS | E0185 | Gel or gel-like pressure pad for mattress, standard mattress length and width |
| HCPCS | E0186 | Air pressure mattress |
| HCPCS | E0187 | Water pressure mattress |

| Type of Code | Code | Description |
|---|---|---|
| HCPCS | E0196 | Gel pressure mattress |
| HCPCS | E0203 | Therapeutic lightbox, minimum 10,000 lux, table top model |
| HCPCS | E0250 | Hospital bed, fixed height, with any type side rails, with mattress |
| HCPCS | E0251 | Hospital bed, fixed height, with any type side rails, without mattress |
| HCPCS | E0255 | Hospital bed, variable height, hi-lo, with any type side rails, with mattress |
| HCPCS | E0256 | Hospital bed, variable height, hi-lo, with any type side rails, without mattress |
| HCPCS | E0260 | Hospital bed, semi-electric (head and foot adjustment), with any type side rails, with mattress |
| HCPCS | E0261 | Hospital bed, semi-electric (head and foot adjustment), with any type side rails, without mattress |
| HCPCS | E0265 | Hospital bed, total electric (head, foot and height adjustments), with any type side rails, with mattress |
| HCPCS | E0266 | Hospital bed, total electric (head, foot and height adjustments), with any type side rails, without mattress |
| HCPCS | E0277 | Powered pressure-reducing air mattress |
| HCPCS | E0292 | Hospital bed, variable height, hi-lo, without side rails, with mattress |
| HCPCS | E0293 | Hospital bed, variable height, hi-lo, without side rails, without mattress |
| HCPCS | E0294 | Hospital bed, semi-electric (head and foot adjustment), without side rails, with mattress |
| HCPCS | E0295 | Hospital bed, semi-electric (head and foot adjustment), without side rails, without mattress |
| HCPCS | E0296 | Hospital bed, total electric (head, foot and height adjustments), without side rails, with mattress |
| HCPCS | E0297 | Hospital bed, total electric (head, foot and height adjustments), without side rails, without mattress |
| HCPCS | E0301 | Hospital bed, heavy duty, extra wide, with weight capacity greater than 350 pounds, but less than or equal to 600 pounds, with any type side rails, without mattress |
| HCPCS | E0302 | Hospital bed, extra heavy duty, extra wide, with weight capacity greater than 600 pounds, with any type side rails, without mattress |
| HCPCS | E0303 | Hospital bed, heavy duty, extra wide, with weight capacity greater than 350 pounds, but less than or equal to 600 pounds, with any type side rails, with mattress |
| HCPCS | E0304 | Hospital bed, extra heavy duty, extra wide, with weight capacity greater than 600 pounds, with any type side rails, with mattress |
| HCPCS | E0372 | Powered air overlay for mattress, standard mattress length and width |

| Type of Code | Code | Description |
|---|---|---|
| HCPCS | E0435 | Portable liquid oxygen system, purchase; includes portable container, supply reservoir, flowmeter, humidifier, contents gauge, cannula or mask, tubing and refill adaptor |
| HCPCS | E0445 | Oximeter device for measuring blood oxygen levels non-invasively |
| HCPCS | E0457 | Chest shell (cuirass) |
| HCPCS | E0462 | Rocking bed with or without side rails |
| HCPCS | E0465 | Home ventilator, any type, used with invasive interface, (e.g., tracheostomy tube) |
| HCPCS | E0470 | Respiratory assist device, bi-level pressure capability, without backup rate feature, used with noninvasive interface, e.g., nasal or facial mask (intermittent assist device with continuous positive airway pressure device) |
| HCPCS | E0471 | Respiratory assist device, bi-level pressure capability, with back-up rate feature, used with noninvasive interface, e.g., nasal or facial mask (intermittent assist device with continuous positive airway pressure device) |
| HCPCS | E0472 | Respiratory assist device, bi-level pressure capability, with backup rate feature, used with invasive interface, e.g., tracheostomy tube (intermittent assist device with continuous positive airway pressure device) |
| HCPCS | E0480 | Percussor, electric or pneumatic, home model |
| HCPCS | E0481 | Intrapulmonary percussive ventilation system and related accessories |
| HCPCS | E0482 | Cough stimulating device, alternating positive and negative airway pressure |
| HCPCS | E0483 | High frequency chest wall oscillation system, **with full anterior and/or posterior thoracic region receiving simultaneous external oscillation,** includes all accessories and supplies, each |
| HCPCS | E0487 | Spirometer, electronic, includes all accessories |
| HCPCS | E0500 | IPPB machine, all types, with built-in nebulization; manual or automatic valves; internal or external power source |
| HCPCS | E0550 | Humidifier, durable for extensive supplemental humidification during IPPB treatments or oxygen delivery |
| HCPCS | E0562 | Humidifier, heated, used with positive airway pressure device |
| HCPCS | E0565 | Compressor, air power source for equipment which is not self-contained or cylinder driven |
| HCPCS | E0575 | Nebulizer, ultrasonic, large volume |

| Type of Code | Code | Description |
|---|---|---|
| HCPCS | E0601 | Continuous positive airway pressure (CPAP) device |
| HCPCS | E0619 | Apnea monitor, with recording feature |
| HCPCS | E0630 | Patient lift, hydraulic or mechanical, includes any seat, sling, strap(s) or pad(s) |
| HCPCS | E0635 | Patient lift, electric with seat or sling |
| HCPCS | E0638 | Standing frame/table system, one position (e.g., upright, supine or prone stander), any size including pediatric, with or without wheels |
| HCPCS | E0650 | Pneumatic compressor, non-segmental home model |
| HCPCS | E0651 | Pneumatic compressor, segmental home model without calibrated gradient pressure |
| HCPCS | E0652 | Pneumatic compressor, segmental home model with calibrated gradient pressure |
| HCPCS | E0655 | Non-segmental pneumatic appliance for use with pneumatic compressor, half arm |
| HCPCS | E0656 | Segmental pneumatic appliance for use with pneumatic compressor, trunk |
| HCPCS | E0657 | Segmental pneumatic appliance for use with pneumatic compressor, chest |
| HCPCS | E0660 | Non-segmental pneumatic appliance for use with pneumatic compressor, full leg |
| HCPCS | E0665 | Non-segmental pneumatic appliance for use with pneumatic compressor, full arm |
| HCPCS | E0666 | Non-segmental pneumatic appliance for use with pneumatic compressor, half leg |
| HCPCS | E0667 | Segmental pneumatic appliance for use with pneumatic compressor, full leg |
| HCPCS | E0668 | Segmental pneumatic appliance for use with pneumatic compressor, full arm |
| HCPCS | E0669 | Segmental pneumatic appliance for use with pneumatic compressor, half leg |
| HCPCS | E0720 | Transcutaneous electrical nerve stimulation (TENS) device, two lead, localized stimulation |
| HCPCS | E0730 | Transcutaneous electrical nerve stimulation (TENS) device, four or more leads, for multiple nerve stimulation |
| HCPCS | E0744 | Neuromuscular stimulator for scoliosis |
| HCPCS | E0745 | Neuromuscular stimulator, electronic shock unit |
| HCPCS | E0746 | Electromyography (EMG), biofeedback device |
| HCPCS | E0747 | Osteogenesis stimulator, electrical, non-invasive, other than spinal applications |
| HCPCS | E0748 | Osteogenesis stimulator, electrical, non-invasive, spinal applications |
| HCPCS | E0760 | Osteogenesis stimulator, low intensity ultrasound, non-invasive |

| Type of Code | Code | Description |
|---|---|---|
| HCPCS | E0770 | Functional electrical stimulator, transcutaneous stimulation of nerve and/or muscle groups, any type, complete system, not otherwise specified |
| HCPCS | E0781 | Ambulatory infusion pump, single or multiple channels, electric or battery operated, with administrative equipment, worn by patient |
| HCPCS | E0782 | Infusion pump, implantable, non-programmable (includes all components, e.g., pump, catheter, connectors, etc.) |
| HCPCS | E0783 | Infusion pump system, implantable, programmable (includes all components, e.g., pump, catheter, connectors, etc.) |
| HCPCS | E0784 | External ambulatory infusion pump, insulin |
| HCPCS | E0791 | Parenteral infusion pump, stationary, single or multi-channel |
| HCPCS | E0912 | Trapeze bar, heavy duty, for patient weight capacity greater than 250 pounds, free standing, complete with grab bar |
| HCPCS | E0920 | Fracture frame, attached to bed, includes weights |
| HCPCS | E0930 | Fracture frame, free standing, includes weights |
| HCPCS | E0935 | Continuous passive motion exercise device for use on knee only |
| HCPCS | E0940 | Trapeze bar, free standing, complete with grab bar |
| HCPCS | E0941 | Gravity assisted traction device, any type |
| HCPCS | E0946 | Fracture, frame, dual with cross bars, attached to bed, (e.g., Balken, 4 Poster) |
| HCPCS | E0983 | Manual wheelchair accessory, power add-on to convert manual wheelchair to motorized wheelchair, joystick control |
| HCPCS | E0984 | Manual wheelchair accessory, power add-on to convert manual wheelchair to motorized wheelchair, tiller control |
| HCPCS | E0986 | Manual wheelchair accessory, push-rim activated power assist system |
| HCPCS | E0988 | Manual wheelchair accessory, lever-activated, wheel drive, pair |
| HCPCS | E1002 | Wheelchair accessory, power seating system, tilt only |
| HCPCS | E1003 | Wheelchair accessory, power seating system, recline only, without shear reduction |
| HCPCS | E1004 | Wheelchair accessory, power seating system, recline only, with mechanical shear reduction |

| Type of Code | Code | Description |
|---|---|---|
| HCPCS | E1005 | Wheelchair accessory, power seatng system, recline only, with power shear reduction |
| HCPCS | E1007 | Wheelchair accessory, power seating system, combination tilt and recline, with mechanical shear reduction |
| HCPCS | E1008 | Wheelchair accessory, power seating system, combination tilt and recline, with power shear reduction |
| HCPCS | E1009 | Wheelchair accessory, addition to power seating system, mechanically linked leg elevation system, including pushrod and leg rest, each |
| HCPCS | E1010 | Wheelchair accessory, addition to power seating system, power leg elevation system, including leg rest, pair |
| HCPCS | E1012 | Wheelchair accessory, addition to power seating system, center mount power elevating leg rest/platform, complete system, any type, each |
| HCPCS | E1028 | Wheelchair accessory, manual swingaway, retractable or removable mounting hardware for joystick, other control interface or positioning accessory |
| HCPCS | E1030 | Wheelchair accessory, ventilator tray, gimbaled |
| HCPCS | E1390 | Oxygen concentrator, single delivery port, capable of delivering 85 percent or greater oxygen concentration at the prescribed flow rate |
| HCPCS | E1399 | Durable medical equipment, miscellaneous |
| HCPCS | E1520 | Heparin infusion pump for hemodialysis |
| HCPCS | E1800 | Dynamic adjustable elbow extension/flexion device, includes soft interface material |
| HCPCS | E1805 | Dynamic adjustable wrist extension /flexion device, includes soft interface material |
| HCPCS | E1810 | Dynamic adjustable knee extension /flexion device, includes soft interface material |
| HCPCS | E1815 | Dynamic adjustable ankle extension/flexion device, includes soft interface material |
| HCPCS | E2000 | Gastric suction pump, home model, portable or stationary, electric |
| HCPCS | E2203 | Manual wheelchair accessory, nonstandard seat frame depth, 20 to less than 22 inches |
| HCPCS | E2204 | Manual wheelchair accessory, nonstandard seat frame depth, 22 to 25 inches |
| HCPCS | E2205 | Manual wheelchair accessory, handrim without projections (includes ergonomic or contoured), any type, replacement only, each |
| HCPCS | E2227 | Manual wheelchair accessory, gear reduction drive wheel, each |

| Type of Code | Code | Description |
|---|---|---|
| HCPCS | E2228 | Manual wheelchair accessory, wheel braking system and lock, complete, each |
| HCPCS | E2295 | Manual wheelchair accessory, for pediatric size wheelchair, dynamic seating frame, allows coordinated movement of multiple positioning features |
| HCPCS | E2300 | Wheelchair accessory, power seat elevation system, any type |
| HCPCS | E2312 | Power wheelchair accessory, hand or chin control interface, mini-proportional remote joystick, proportional, including fixed mounting hardware |
| HCPCS | E2313 | Power wheelchair accessory, harness for upgrade to expandable controller, including all fasteners, connectors and mounting hardware, each |
| HCPCS | E2321 | Power wheelchair accessory, hand control interface, remote joystick, nonproportional, including all related electronics, mechanical stop switch, and fixed mounting hardware |
| HCPCS | E2322 | Power wheelchair accessory, hand control interface, multiple mechanical switches, nonproportional, including all related electronics, mechanical stop switch, and fixed mounting hardware |
| HCPCS | E2325 | Power wheelchair accessory, sip and puff interface, nonproportional, including all related electronics, mechanical stop switch, and manual swingaway mounting hardware |
| HCPCS | E2326 | Power wheelchair accessory, breath tube kit for sip and puff interface |
| HCPCS | E2327 | Power wheelchair accessory, head control interface, mechanical, proportional, including all related electronics, mechanical direction change switch, and fixed mounting hardware |
| HCPCS | E2328 | Power wheelchair accessory, head control or extremity control interface, electronic, proportional, including all related electronics and fixed mounting hardware |
| HCPCS | E2329 | Power wheelchair accessory, head control interface, contact switch mechanism, nonproportional, including all related electronics, mechanical stop switch, mechanical direction change switch, head array, and fixed mounting hardware |
| HCPCS | E2330 | Power wheelchair accessory, head control interface, proximity switch mechanism, nonproportional, including all related electronics, mechanical stop switch, mechanical direction change switch, head array, and fixed mounting hardware |
| HCPCS | E2351 | Power wheelchair accessory, electronic interface to operate speech generating device using power wheelchair control interface |
| HCPCS | E2369 | Power wheelchair component, drive wheel gear box, replacement only |

| Type of Code | Code | Description |
|---|---|---|
| HCPCS | E2370 | Power wheelchair component, integrated drive wheel motor and gear box combination, replacement only |
| HCPCS | E2373 | Power wheelchair accessory, hand or chin control interface, compact remote joystick, proportional, including fixed mounting hardware |
| HCPCS | E2375 | Power wheelchair accessory, non-expandable controller, including all related electronics and mounting hardware, replacement only |
| HCPCS | E2376 | Power wheelchair accessory, expandable controller, including all related electronics and mounting hardware, replacement only |
| HCPCS | E2377 | Power wheelchair accessory, expandable controller, including all related electronics and mounting hardware, upgrade provided at initial issue |
| HCPCS | E2378 | Power wheelchair component, actuator, replacement only |
| HCPCS | E2397 | Power wheelchair accessory, lithium-based battery, each |
| HCPCS | E2402 | Negative pressure wound therapy electrical pump, stationary or portable |
| HCPCS | E2500 | Speech generating device, digitized speech, using pre-recorded messages, less than or equal to 8 minutes recording time |
| HCPCS | E2502 | Speech generating device, digitized speech, using pre-recorded messages, greater than 8 minutes but less than or equal to 20 minutes recording time |
| HCPCS | E2504 | Speech generating device, digitized speech, using pre-recorded messages, greater than 20 minutes but less than or equal to 40 minutes recording time |
| HCPCS | E2506 | Speech generating device, digitized speech, using pre-recorded messages, greater than 40 minutes recording time |
| HCPCS | E2508 | Speech generating device, synthesized speech, requiring message formulation by spelling and access by physical contact with the device |
| HCPCS | E2510 | Speech generating device, synthesized speech, permitting multiple methods of message formulation and multiple methods of device access |
| HCPCS | E2511 | Speech generating software program, for personal computer or personal digital assistant |
| HCPCS | E2512 | Accessory for speech generating device, mounting system |
| HCPCS | E2599 | Accessory for speech generating device, not otherwise classified |

| Type of Code | Code | Description |
|---|---|---|
| HCPCS | E2609 | Custom fabricated wheelchair seat cushion, any size |
| HCPCS | E2610 | Wheelchair seat cushion, powered |
| HCPCS | E2617 | Custom fabricated wheelchair back cushion, any size, including any type mounting hardware |
| HCPCS | E2620 | Positioning wheelchair back cushion, planar back with lateral supports, width less than 22 inches, any height, including any type mounting hardware |
| HCPCS | E2621 | Positioning wheelchair back cushion, planar back with lateral supports, width 22 inches or greater, any height, including any type mounting hardware |
| HCPCS | E8001 | Gait trainer, pediatric size, upright support, includes all accessories and components |
| HCPCS | E8002 | Gait trainer, pediatric size, anterior support, includes all accessories and components |
| HCPCS | G0341 | Percutaneous islet cell transplant, includes portal vein catheterization and infusion |
| HCPCS | G0342 | Laparoscopy for islet cell transplant, includes portal vein catheterization and infusion |
| HCPCS | G0343 | Laparotomy for islet cell transplant, includes portal vein catheterization and infusion |
| HCPCS | H0004 | Behavioral health counseling and therapy, per 15 minutes |
| HCPCS | H0005 | Alcohol and/or drug services; group counseling by a clinician |
| HCPCS | H0018 | Behavioral health; short-term residential (non-hospital residential treatment program), without room and board, per diem |
| HCPCS | H2000 | Comprehensive multidisciplinary evaluation |
| HCPCS | H2012 | Behavioral health day treatment, per hour |
| HCPCS | J1302 | Injection, sutimlimab-jome, 10 mg |
| HCPCS | J1932 | Injection, lanreotide, (cipla), 1 mg |
| HCPCS | J7318 | Hyaluronan or derivative, durolane, for intra-articular injection, 1 mg |
| HCPCS | J7320 | Hyaluronan or derivitive, GenVisc 850, for intra-articular injection, 1 mg |
| HCPCS | J7321 | Hyaluronan or derivative, Hyalgan, Supartz or Visco-3, for intra-articular injection, per dose |
| HCPCS | J7322 | Hyaluronan or derivative, Hymovis, for intra-articular injection, 1 mg |
| HCPCS | J7323 | Hyaluronan or derivative, Euflexxa, for intra-articular injection, per dose |
| HCPCS | J7324 | Hyaluronan or derivative, Orthovisc, for intra-articular injection, per dose |
| HCPCS | J7325 | Hyaluronan or derivative, Synvisc or Synvisc-One, for intra-articular injection, 1 mg |

| Type of Code | Code | Description |
|---|---|---|
| HCPCS | J7326 | Hyaluronan or derivative, Gel-One, for intra-articular injection, per dose |
| HCPCS | J7327 | Hyaluronan or derivative, Monovisc, for intra-articular injection, per dose |
| HCPCS | J7328 | Hyaluronan or derivative, Gelsyn-3, for intra-articular injection, 0.1 mg |
| HCPCS | J7329 | Hyaluronan or derivative, Trivisc, for intra-articular injection, 1 mg |
| HCPCS | J7331 | Hyaluronan or derivative, Synojoynt, for intra-articular injection, 1 mg |
| HCPCS | J7332 | Hyaluronan or derivative, Triluron, for intra-articular injection, 1 mg |
| HCPCS | J9274 | Injection, tebentafusp-tebn, 1 microgram |
| HCPCS | K0001 | Standard wheelchair |
| HCPCS | K0002 | Standard hemi (low seat) wheelchair |
| HCPCS | K0003 | Lightweight wheelchair |
| HCPCS | K0004 | High strength, lightweight wheelchair |
| HCPCS | K0005 | Ultralightweight wheelchair |
| HCPCS | K0006 | Heavy duty wheelchair |
| HCPCS | K0007 | Extra heavy duty wheelchair |
| HCPCS | K0008 | Custom manual wheelchair/base |
| HCPCS | K0009 | Other manual wheelchair/base |
| HCPCS | K0010 | Standard - weight frame motorized/power wheelchair |
| HCPCS | K0011 | Standard - weight frame motorized/power wheelchair with programmable control parameters for speed adjustment, tremor dampening, acceleration control and braking |
| HCPCS | K0012 | Lightweight portable motorized/power wheelchair |
| HCPCS | K0014 | Other motorized/power wheelchair base |
| HCPCS | K0108 | Wheelchair component or accessory, not otherwise specified |
| HCPCS | K0800 | Power operated vehicle, group 1 standard, patient weight capacity up to and including 300 pounds |
| HCPCS | K0801 | Power operated vehicle, group 1 heavy duty, patient weight capacity 301 to 450 pounds |
| HCPCS | K0802 | Power operated vehicle, group 1 very heavy duty, patient weight capacity 451 to 600 pounds |
| HCPCS | K0806 | Power operated vehicle, group 2 standard, patient weight capacity up to and including 300 pounds |
| HCPCS | K0807 | Power operated vehicle, group 2 heavy duty, patient weight capacity 301 to 450 pounds |

| Type of Code | Code | Description |
|---|---|---|
| HCPCS | K0808 | Power operated vehicle, group 2 very heavy duty, patient weight capacity 451 to 600 pounds |
| HCPCS | K0812 | Power operated vehicle, not otherwise classified |
| HCPCS | K0813 | Power wheelchair, group 1 standard, portable, sling/solid seat and back, patient weight capacity up to and including 300 pounds |
| HCPCS | K0814 | Power wheelchair, group 1 standard, portable, captain's chair, patient weight capacity up to and including 300 pounds |
| HCPCS | K0815 | Power wheelchair, group 1 standard, sling/solid seat and back, patient weight capacity up to and including 300 pounds |
| HCPCS | K0816 | Power wheelchair, group 1 standard, captain's chair, patient weight capacity up to and including 300 pounds |
| HCPCS | K0820 | Power wheelchair, group 2 standard, portable, sling/solid seat/back, patient weight capacity up to and including 300 pounds |
| HCPCS | K0821 | Power wheelchair, group 2 standard, portable, captain's chair, patient weight capacity up to and including 300 pounds |
| HCPCS | K0822 | Power wheelchair, group 2 standard, sling/solid seat/back, patient weight capacity up to and including 300 pounds |
| HCPCS | K0823 | Power wheelchair, group 2 standard, captain's chair, patient weight capacity up to and including 300 pounds |
| HCPCS | K0824 | Power wheelchair, group 2 heavy duty, sling/solid seat/back, patient weight capacity 301 to 450 pounds |
| HCPCS | K0825 | Power wheelchair, group 2 heavy duty, captain's chair, patient weight capacity 301 to 450 pounds |
| HCPCS | K0826 | Power wheelchair, group 2 very heavy duty, sling/solid seat/back, patient weight capacity 451 to 600 pounds |
| HCPCS | K0827 | Power wheelchair, group 2 very heavy duty, captain's chair, patient weight capacity 451 to 600 pounds |
| HCPCS | K0828 | Power wheelchair, group 2 extra heavy duty, sling/solid seat/back, patient weight capacity 601 pounds or more |
| HCPCS | K0829 | Power wheelchair, group 2 extra heavy duty, captain's chair, patient weight 601 pounds or more |
| HCPCS | K0830 | Power wheelchair, group 2 standard, seat elevator, sling/solid seat/back, patient weight capacity up to and including 300 pounds |

| Type of Code | Code | Description |
|---|---|---|
| HCPCS | K0831 | Power wheelchair, group 2 standard, seat elevator, captain's chair, patient weight capacity up to and including 300 pounds |
| HCPCS | K0835 | Power wheelchair, group 2 standard, single power option, sling/solid seat/back, patient weight capacity up to and including 300 pounds |
| HCPCS | K0836 | Power wheelchair, group 2 standard, single power option, captain's chair, patient weight capacity up to and including 300 pounds |
| HCPCS | K0837 | Power wheelchair, group 2 heavy duty, single power option, sling/solid seat/back, patient weight capacity 301 to 450 pounds |
| HCPCS | K0838 | Power wheelchair, group 2 heavy duty, single power option, captain's chair, patient weight capacity 301 to 450 pounds |
| HCPCS | K0839 | Power wheelchair, group 2 very heavy duty, single power option, sling/solid seat/back, patient weight capacity 451 to 600 pounds |
| HCPCS | K0840 | Power wheelchair, group 2 extra heavy duty, single power option, sling/solid seat/back, patient weight capacity 601 pounds or more |
| HCPCS | K0841 | Power wheelchair, group 2 standard, multiple power option, sling/solid seat/back, patient weight capacity up to and including 300 pounds |
| HCPCS | K0842 | Power wheelchair, group 2 standard, multiple power option, captain's chair, patient weight capacity up to and including 300 pounds |
| HCPCS | K0843 | Power wheelchair, group 2 heavy duty, multiple power option, sling/solid seat/back, patient weight capacity 301 to 450 pounds |
| HCPCS | K0848 | Power wheelchair, group 3 standard, sling/solid seat/back, patient weight capacity up to and including 300 pounds |
| HCPCS | K0849 | Power wheelchair, group 3 standard, captain's chair, patient weight capacity up to and including 300 pounds |
| HCPCS | K0850 | Power wheelchair, group 3 heavy duty, sling/solid seat/back, patient weight capacity 301 to 450 pounds |
| HCPCS | K0851 | Power wheelchair, group 3 heavy duty, captain's chair, patient weight capacity 301 to 450 pounds |
| HCPCS | K0852 | Power wheelchair, group 3 very heavy duty, sling/solid seat/back, patient weight capacity 451 to 600 pounds |

| Type of Code | Code | Description |
|---|---|---|
| HCPCS | K0853 | Power wheelchair, group 3 very heavy duty, captain's chair, patient weight capacity 451 to 600 pounds |
| HCPCS | K0854 | Power wheelchair, group 3 extra heavy duty, sling/solid seat/back, patient weight capacity 601 pounds or more |
| HCPCS | K0855 | Power wheelchair, group 3 extra heavy duty, captain's chair, patient weight capacity 601 pounds or more |
| HCPCS | K0856 | Power wheelchair, group 3 standard, single power option, sling/solid seat/back, patient weight capacity up to and including 300 pounds |
| HCPCS | K0857 | Power wheelchair, group 3 standard, single power option, captain's chair, patient weight capacity up to and including 300 pounds |
| HCPCS | K0858 | Power wheelchair, group 3 heavy duty, single power option, sling/solid seat/back, patient weight 301 to 450 pounds |
| HCPCS | K0859 | Power wheelchair, group 3 heavy duty, single power option, captain's chair, patient weight capacity 301 to 450 pounds |
| HCPCS | K0860 | Power wheelchair, group 3 very heavy duty, single power option, sling/solid seat/back, patient weight capacity 451 to 600 pounds |
| HCPCS | K0861 | Power wheelchair, group 3 standard, multiple power option, sling/solid seat/back, patient weight capacity up to and including 300 pounds |
| HCPCS | K0862 | Power wheelchair, group 3 heavy duty, multiple power option, sling/solid seat/back, patient weight capacity 301 to 450 pounds |
| HCPCS | K0863 | Power wheelchair, group 3 very heavy duty, multiple power option, sling/solid seat/back, patient weight capacity 451 to 600 pounds |
| HCPCS | K0864 | Power wheelchair, group 3 extra heavy duty, multiple power option, sling/solid seat/back, patient weight capacity 601 pounds or more |
| HCPCS | K0868 | Power wheelchair, group 4 standard, sling/solid seat/back, patient weight capacity up to and including 300 pounds |
| HCPCS | K0869 | Power wheelchair, group 4 standard, captain's chair, patient weight capacity up to and including 300 pounds |
| HCPCS | K0870 | Power wheelchair, group 4 heavy duty, sling/solid seat/back, patient weight capacity 301 to 450 pounds |

| Type of Code | Code | Description |
|---|---|---|
| HCPCS | K0871 | Power wheelchair, group 4 very heavy duty, sling/solid seat/back, patient weight capacity 451 to 600 pounds |
| HCPCS | K0877 | Power wheelchair, group 4 standard, single power option, sling/solid seat/back, patient weight capacity up to and including 300 pounds |
| HCPCS | K0878 | Power wheelchair, group 4 standard, single power option, captain's chair, patient weight capacity up to and including 300 pounds |
| HCPCS | K0879 | Power wheelchair, group 4 heavy duty, single power option, sling/solid seat/back, patient weight capacity 301 to 450 pounds |
| HCPCS | K0880 | Power wheelchair, group 4 very heavy duty, single power option, sling/solid seat/back, patient weight 451 to 600 pounds |
| HCPCS | K0884 | Power wheelchair, group 4 standard, multiple power option, sling/solid seat/back, patient weight capacity up to and including 300 pounds |
| HCPCS | K0885 | Power wheelchair, group 4 standard, multiple power option, captain's chair, patient weight capacity up to and including 300 pounds |
| HCPCS | K0886 | Power wheelchair, group 4 heavy duty, multiple power option, sling/solid seat/back, patient weight capacity 301 to 450 pounds |
| HCPCS | K0890 | Power wheelchair, group 5 pediatric, single power option, sling/solid seat/back, patient weight capacity up to and including 125 pounds |
| HCPCS | K0891 | Power wheelchair, group 5 pediatric, multiple power option, sling/solid seat/back, patient weight capacity up to and including 125 pounds |
| HCPCS | K0898 | Power wheelchair, not otherwise classified |
| HCPCS | K0899 | Power mobility device, not coded by DME PDAC or does not meet criteria |
| HCPCS | K1022 | Addition to lower extremity prosthesis, endoskeletal, knee disarticulation, above knee, hip disarticulation, positional rotation unit, any type |
| HCPCS | K1024 | Non-pneumatic compression controller with sequential calibrated gradient pressure |
| HCPCS | K1025 | Non-pneumatic sequential compression garment, full arm |
| HCPCS | L0112 | Cranial cervical orthosis, congenital torticollis type, with or without soft interface material, adjustable range of motion joint, custom fabricated |

| Type of Code | Code | Description |
|---|---|---|
| HCPCS | L0170 | Cervical, collar, molded to patient model |
| HCPCS | L0452 | TLSO, flexible, provides trunk support, upper thoracic region, produces intracavitary pressure to reduce load on the intervertebral disks with rigid stays or panel(s), includes shoulder straps and closures, custom fabricated |
| HCPCS | L0454 | TLSO flexible, provides trunk support, extends from sacrococcygeal junction to above T-9 vertebra, restricts gross trunk motion in the sagittal plane, produces intracavitary pressure to reduce load on the intervertebral disks with rigid stays or panel(s), includes shoulder straps and closures, prefabricated item that has been trimmed, bent, molded, assembled, or otherwise customized to fit a specific patient by an individual with expertise |
| HCPCS | L0455 | TLSO, flexible, provides trunk support, extends from sacrococcygeal junction to above T-9 vertebra, restricts gross trunk motion in the sagittal plane, produces intracavitary pressure to reduce load on the intervertebral disks with rigid stays or panel(s), includes shoulder straps and closures, prefabricated, off-the-shelf |
| HCPCS | L0456 | TLSO, flexible, provides trunk support, thoracic region, rigid posterior panel and soft anterior apron, extends from the sacrococcygeal junction and terminates just inferior to the scapular spine, restricts gross trunk motion in the sagittal plane, produces intracavitary pressure to reduce load on the intervertebral disks, includes straps and closures, prefabricated item that has been trimmed, bent, molded, assembled, or otherwise customized to fit a specific patient by an individual with expertise |
| HCPCS | L0457 | TLSO, flexible, provides trunk support, thoracic region, rigid posterior panel and soft anterior apron, extends from the sacrococcygeal junction and terminates just inferior to the scapular spine, restricts gross trunk motion in the sagittal plane, produces intracavitary pressure to reduce load on the intervertebral disks, includes straps and closures, prefabricated, off-the-shelf |
| HCPCS | L0458 | TLSO, triplanar control, modular segmented spinal system, two rigid plastic shells, posterior extends from the sacrococcygeal junction and terminates just inferior to the scapular spine, anterior extends from the symphysis pubis to the xiphoid, soft liner, restricts gross trunk motion in the sagittal, coronal, and transverse planes, lateral strength is provided by overlapping plastic and stabilizing closures, includes straps and closures, prefabricated, includes fitting and adjustment |

| Type of Code | Code | Description |
|---|---|---|
| HCPCS | L0460 | TLSO, triplanar control, modular segmented spinal system, two rigid plastic shells, posterior extends from the sacrococcygeal junction and terminates just inferior to the scapular spine, anterior extends from the symphysis pubis to the sternal notch, soft liner, restricts gross trunk motion in the sagittal, coronal, and transverse planes, lateral strength is provided by overlapping plastic and stabilizing closures, includes straps and closures, prefabricated item that has been trimmed, bent, molded, assembled, or otherwise customized to fit a specific patient by an individual with expertise |
| HCPCS | L0462 | TLSO, triplanar control, modular segmented spinal system, three rigid plastic shells, posterior extends from the sacrococcygeal junction and terminates just inferior to the scapular spine, anterior extends from the symphysis pubis to the sternal notch, soft liner, restricts gross trunk motion in the sagittal, coronal, and transverse planes, lateral strength is provided by overlapping plastic and stabilizing closures, includes straps and closures, prefabricated, includes fitting and adjustment |
| HCPCS | L0464 | TLSO, triplanar control, modular segmented spinal system, four rigid plastic shells, posterior extends from sacrococcygeal junction and terminates just inferior to scapular spine, anterior extends from symphysis pubis to the sternal notch, soft liner, restricts gross trunk motion in sagittal, coronal, and transverse planes, lateral strength is provided by overlapping plastic and stabilizing closures, includes straps and closures, prefabricated, includes fitting and adjustment |
| HCPCS | L0466 | TLSO, sagittal control, rigid posterior frame and flexible soft anterior apron with straps, closures and padding, restricts gross trunk motion in sagittal plane, produces intracavitary pressure to reduce load on intervertebral disks, prefabricated item that has been trimmed, bent, molded, assembled, or otherwise customized to fit a specific patient by an individual with expertise |
| HCPCS | L0467 | TLSO, sagittal control, rigid posterior frame and flexible soft anterior apron with straps, closures and padding, restricts gross trunk motion in sagittal plane, produces intracavitary pressure to reduce load on intervertebral disks, prefabricated, off-the-shelf |
| HCPCS | L0468 | TLSO, sagittal-coronal control, rigid posterior frame and flexible soft anterior apron with straps, closures and padding, extends from sacrococcygeal junction over scapulae, lateral strength provided by pelvic, thoracic, and lateral frame pieces, restricts gross trunk motion in sagittal, and coronal planes, produces intracavitary pressure to reduce load on intervertebral disks, prefabricated item that has been trimmed, bent, molded, assembled, or otherwise customized to fit a specific patient by an individual with expertise |

| Type of Code | Code | Description |
|---|---|---|
| HCPCS | L0469 | TLSO, sagittal-coronal control, rigid posterior frame and flexible soft anterior apron with straps, closures and padding, extends from sacrococcygeal junction over scapulae, lateral strength provided by pelvic, thoracic, and lateral frame pieces, restricts gross trunk motion in sagittal and coronal planes, produces intracavitary pressure to reduce load on intervertebral disks, prefabricated, off-the-shelf |
| HCPCS | L0470 | TLSO, triplanar control, rigid posterior frame and flexible soft anterior apron with straps, closures and padding, extends from sacrococcygeal junction to scapula, lateral strength provided by pelvic, thoracic, and lateral frame pieces, rotational strength provided by subclavicular extensions, restricts gross trunk motion in sagittal, coronal, and transverse planes, provides intracavitary pressure to reduce load on the intervertebral disks, includes fitting and shaping the frame, prefabricated, includes fitting and adjustment |
| HCPCS | L0472 | TLSO, triplanar control, hyperextension, rigid anterior and lateral frame extends from symphysis pubis to sternal notch with two anterior components (one pubic and one sternal), posterior and lateral pads with straps and closures, limits spinal flexion, restricts gross trunk motion in sagittal, coronal, and transverse planes, includes fitting and shaping the frame, prefabricated, includes fitting and adjustment |
| HCPCS | L0480 | TLSO, triplanar control, one piece rigid plastic shell without interface liner, with multiple straps and closures, posterior extends from sacrococcygeal junction and terminates just inferior to scapular spine, anterior extends from symphysis pubis to sternal notch, anterior or posterior opening, restricts gross trunk motion in sagittal, coronal, and transverse planes, includes a carved plaster or CAD-CAM model, custom fabricated |
| HCPCS | L0482 | TLSO, triplanar control, one piece rigid plastic shell with interface liner, multiple straps and closures, posterior extends from sacrococcygeal junction and terminates just inferior to scapular spine, anterior extends from symphysis pubis to sternal notch, anterior or posterior opening, restricts gross trunk motion in sagittal, coronal, and transverse planes, includes a carved plaster or CAD-CAM model, custom fabricated |
| HCPCS | L0484 | TLSO, triplanar control, two piece rigid plastic shell without interface liner, with multiple straps and closures, posterior extends from sacrococcygeal junction and terminates just inferior to scapular spine, anterior extends from symphysis pubis to sternal notch, lateral strength is enhanced by overlapping plastic, restricts gross trunk motion in the sagittal, coronal, and transverse planes, includes a carved plaster or CAD-CAM model, custom fabricated |

| Type of Code | Code | Description |
|---|---|---|
| HCPCS | L0486 | TLSO, triplanar control, two piece rigid plastic shell with interface liner, multiple straps and closures, posterior extends from sacrococcygeal junction and terminates just inferior to scapular spine, anterior extends from symphysis pubis to sternal notch, lateral strength is enhanced by overlapping plastic, restricts gross trunk motion in the sagittal, coronal, and transverse planes, includes a carved plaster or CAD-CAM model, custom fabricated |
| HCPCS | L0488 | TLSO, triplanar control, one piece rigid plastic shell with interface liner, multiple straps and closures, posterior extends from sacrococcygeal junction and terminates just inferior to scapular spine, anterior extends from symphysis pubis to sternal notch, anterior or posterior opening, restricts gross trunk motion in sagittal, coronal, and transverse planes, prefabricated, includes fitting and adjustment |
| HCPCS | L0490 | TLSO, sagittal-coronal control, one piece rigid plastic shell, with overlapping reinforced anterior, with multiple straps and closures, posterior extends from sacrococcygeal junction and terminates at or before the T-9 vertebra, anterior extends from symphysis pubis to xiphoid, anterior opening, restricts gross trunk motion in sagittal and coronal planes, prefabricated, includes fitting and adjustment |
| HCPCS | L0491 | TLSO, sagittal-coronal control, modular segmented spinal system, two rigid plastic shells, posterior extends from the sacrococcygeal junction and terminates just inferior to the scapular spine, anterior extends from the symphysis pubis to the xiphoid, soft liner, restricts gross trunk motion in the sagittal and coronal planes, lateral strength is provided by overlapping plastic and stabilizing closures, includes straps and closures, prefabricated, includes fitting and adjustment |
| HCPCS | L0492 | TLSO, sagittal-coronal control, modular segmented spinal system, three rigid plastic shells, posterior extends from the sacrococcygeal junction and terminates just inferior to the scapular spine, anterior extends from the symphysis pubis to the xiphoid, soft liner, restricts gross trunk motion in the sagittal and coronal planes, lateral strength is provided by overlapping plastic and stabilizing closures, includes straps and closures, prefabricated, includes fitting and adjustment |
| HCPCS | L0625 | Lumbar orthosis, flexible, provides lumbar support, posterior extends from L-1 to below L-5 vertebra, produces intracavitary pressure to reduce load on the intervertebral discs, includes straps, closures, may include pendulous abdomen design, shoulder straps, stays, prefabricated, off-the-shelf |

| Type of Code | Code | Description |
|---|---|---|
| HCPCS | L0626 | Lumbar orthosis, sagittal control, with rigid posterior panel(s), posterior extends from L-1 to below L-5 vertebra, produces intracavitary pressure to reduce load on the intervertebral discs, includes straps, closures, may include padding, stays, shoulder straps, pendulous abdomen design, prefabricated item that has been trimmed, bent, molded, assembled, or otherwise customized to fit a specific patient by an individual with expertise |
| HCPCS | L0627 | Lumbar orthosis, sagittal control, with rigid anterior and posterior panels, posterior extends from L-1 to below L-5 vertebra, produces intracavitary pressure to reduce load on the intervertebral discs, includes straps, closures, may include padding, shoulder straps, pendulous abdomen design, prefabricated item that has been trimmed, bent, molded, assembled, or otherwise customized to fit a specific patient by an individual with expertise |
| HCPCS | L0628 | Lumbar-sacral orthosis, flexible, provides lumbo-sacral support, posterior extends from sacrococcygeal junction to T-9 vertebra, produces intracavitary pressure to reduce load on the intervertebral discs, includes straps, closures, may include stays, shoulder straps, pendulous abdomen design, prefabricated, off-the-shelf |
| HCPCS | L0629 | Lumbar-sacral orthosis, flexible, provides lumbo-sacral support, posterior extends from sacrococcygeal junction to T-9 vertebra, produces intracavitary pressure to reduce load on the intervertebral discs, includes straps, closures, may include stays, shoulder straps, pendulous abdomen design, custom fabricated |
| HCPCS | L0630 | Lumbar-sacral orthosis, sagittal control, with rigid posterior panel(s), posterior extends from sacrococcygeal junction to T-9 vertebra, produces intracavitary pressure to reduce load on the intervertebral discs, includes straps, closures, may include padding, stays, shoulder straps, pendulous abdomen design, prefabricated item that has been trimmed, bent, molded, assembled, or otherwise customized to fit a specific patient by an individual with expertise |
| HCPCS | L0631 | Lumbar-sacral orthosis, sagittal control, with rigid anterior and posterior panels, posterior extends from sacrococcygeal junction to T-9 vertebra, produces intracavitary pressure to reduce load on the intervertebral discs, includes straps, closures, may include padding, shoulder straps, pendulous abdomen design, prefabricated item that has been trimmed, bent, molded, assembled, or otherwise customized to fit a specific patient by an individual with expertise |

| Type of Code | Code | Description |
|---|---|---|
| HCPCS | L0632 | Lumbar-sacral orthosis, sagittal control, with rigid anterior and posterior panels, posterior extends from sacrococcygeal junction to T-9 vertebra, produces intracavitary pressure to reduce load on the intervertebral discs, includes straps, closures, may include padding, shoulder straps, pendulous abdomen design, custom fabricated |
| HCPCS | L0633 | Lumbar-sacral orthosis, sagittal-coronal control, with rigid posterior frame/panel(s), posterior extends from sacrococcygeal junction to T-9 vertebra, lateral strength provided by rigid lateral frame/panels, produces intracavitary pressure to reduce load on intervertebral discs, includes straps, closures, may include padding, stays, shoulder straps, pendulous abdomen design, prefabricated item that has been trimmed, bent, molded, assembled, or otherwise customized to fit a specific patient by an individual with expertise |
| HCPCS | L0634 | Lumbar-sacral orthosis, sagittal-coronal control, with rigid posterior frame/panel(s), posterior extends from sacrococcygeal junction to T-9 vertebra, lateral strength provided by rigid lateral frame/panel(s), produces intracavitary pressure to reduce load on intervertebral discs, includes straps, closures, may include padding, stays, shoulder straps, pendulous abdomen design, custom fabricated |
| HCPCS | L0635 | Lumbar-sacral orthosis, sagittal-coronal control, lumbar flexion, rigid posterior frame/panel(s), lateral articulating design to flex the lumbar spine, posterior extends from sacrococcygeal junction to T-9 vertebra, lateral strength provided by rigid lateral frame/panel(s), produces intracavitary pressure to reduce load on intervertebral discs, includes straps, closures, may include padding, anterior panel, pendulous abdomen design, prefabricated, includes fitting and adjustment |
| HCPCS | L0636 | Lumbar sacral orthosis, sagittal-coronal control, lumbar flexion, rigid posterior frame/panels, lateral articulating design to flex the lumbar spine, posterior extends from sacrococcygeal junction to T-9 vertebra, lateral strength provided by rigid lateral frame/panels, produces intracavitary pressure to reduce load on intervertebral discs, includes straps, closures, may include padding, anterior panel, pendulous abdomen design, custom fabricated |

| Type of Code | Code | Description |
|---|---|---|
| HCPCS | L0637 | Lumbar-sacral orthosis, sagittal-coronal control, with rigid anterior and posterior frame/panels, posterior extends from sacrococcygeal junction to T-9 vertebra, lateral strength provided by rigid lateral frame/panels, produces intracavitary pressure to reduce load on intervertebral discs, includes straps, closures, may include padding, shoulder straps, pendulous abdomen design, prefabricated item that has been trimmed, bent, molded, assembled, or otherwise customized to fit a specific patient by an individual with expertise |
| HCPCS | L0638 | Lumbar-sacral orthosis, sagittal-coronal control, with rigid anterior and posterior frame/panels, posterior extends from sacrococcygeal junction to T-9 vertebra, lateral strength provided by rigid lateral frame/panels, produces intracavitary pressure to reduce load on intervertebral discs, includes straps, closures, may include padding, shoulder straps, pendulous abdomen design, custom fabricated |
| HCPCS | L0639 | Lumbar-sacral orthosis, sagittal-coronal control, rigid shell(s)/panel(s), posterior extends from sacrococcygeal junction to T-9 vertebra, anterior extends from symphysis pubis to xyphoid, produces intracavitary pressure to reduce load on the intervertebral discs, overall strength is provided by overlapping rigid material and stabilizing closures, includes straps, closures, may include soft interface, pendulous abdomen design, prefabricated item that has been trimmed, bent, molded, assembled, or otherwise customized to fit a specific patient by an individual with expertise |
| HCPCS | L0640 | Lumbar-sacral orthosis, sagittal-coronal control, rigid shell(s)/panel(s), posterior extends from sacrococcygeal junction to T-9 vertebra, anterior extends from symphysis pubis to xyphoid, produces intracavitary pressure to reduce load on the intervertebral discs, overall strength is provided by overlapping rigid material and stabilizing closures, includes straps, closures, may include soft interface, pendulous abdomen design, custom fabricated |
| HCPCS | L0641 | Lumbar orthosis, sagittal control, with rigid posterior panel(s), posterior extends from L-1 to below L-5 vertebra, produces intracavitary pressure to reduce load on the intervertebral discs, includes straps, closures, may include padding, stays, shoulder straps, pendulous abdomen design, prefabricated, off-the-shelf |

| Type of Code | Code | Description |
|---|---|---|
| HCPCS | L0642 | Lumbar orthosis, sagittal control, with rigid anterior and posterior panels, posterior extends from L-1 to below L-5 vertebra, produces intracavitary pressure to reduce load on the intervertebral discs, includes straps, closures, may include padding, shoulder straps, pendulous abdomen design, prefabricated, off-the-shelf |
| HCPCS | L0643 | Lumbar-sacral orthosis, sagittal control, with rigid posterior panel(s), posterior extends from sacrococcygeal junction to T-9 vertebra, produces intracavitary pressure to reduce load on the intervertebral discs, includes straps, closures, may include padding, stays, shoulder straps, pendulous abdomen design, prefabricated, off-the-shelf |
| HCPCS | L0648 | Lumbar-sacral orthosis, sagittal control, with rigid anterior and posterior panels, posterior extends from sacrococcygeal junction to T-9 vertebra, produces intracavitary pressure to reduce load on the intervertebral discs, includes straps, closures, may include padding, shoulder straps, pendulous abdomen design, prefabricated, off-the-shelf |
| HCPCS | L0649 | Lumbar-sacral orthosis, sagittal-coronal control, with rigid posterior frame/panel(s), posterior extends from sacrococcygeal junction to T-9 vertebra, lateral strength provided by rigid lateral frame/panels, produces intracavitary pressure to reduce load on intervertebral discs, includes straps, closures, may include padding, stays, shoulder straps, pendulous abdomen design, prefabricated, off-the-shelf |
| HCPCS | L0650 | Lumbar-sacral orthosis, sagittal-coronal control, with rigid anterior and posterior frame/panel(s), posterior extends from sacrococcygeal junction to T-9 vertebra, lateral strength provided by rigid lateral frame/panel(s), produces intracavitary pressure to reduce load on intervertebral discs, includes straps, closures, may include padding, shoulder straps, pendulous abdomen design, prefabricated, off-the-shelf |
| HCPCS | L0651 | Lumbar-sacral orthosis, sagittal-coronal control, rigid shell(s)/panel(s), posterior extends from sacrococcygeal junction to T-9 vertebra, anterior extends from symphysis pubis to xyphoid, produces intracavitary pressure to reduce load on the intervertebral discs, overall strength is provided by overlapping rigid material and stabilizing closures, includes straps, closures, may include soft interface, pendulous abdomen design, prefabricated, off-the-shelf |
| HCPCS | L0700 | Cervical-thoracic-lumbar-sacral-orthoses (CTLSO), anterior-posterior-lateral control, molded to patient model, (Minerva type) |
| HCPCS | L0710 | CTLSO, anterior-posterior-lateral-control, molded to patient model, with interface material, (Minerva type) |

| Type of Code | Code | Description |
|---|---|---|
| HCPCS | L0810 | Halo procedure, cervical halo incorporated into jacket vest |
| HCPCS | L0820 | Halo procedure, cervical halo incorporated into plaster body jacket |
| HCPCS | L0830 | Halo procedure, cervical halo incorporated into milwaukee type orthosis |
| HCPCS | L0859 | Addition to halo procedure, magnetic resonance image compatible systems, rings and pins, any material |
| HCPCS | L1000 | Cervical-thoracic-lumbar-sacral orthosis (CTLSO) (Milwaukee), inclusive of furnishing initial orthosis, including model |
| HCPCS | L1001 | Cervical thoracic lumbar sacral orthosis, immobilizer, infant size, prefabricated, includes fitting and adjustment |
| HCPCS | L1005 | Tension based scoliosis orthosis and accessory pads, includes fitting and adjustment |
| HCPCS | L1200 | Thoracic-lumbar-sacral-orthosis (TLSO), inclusive of furnishing initial orthosis only |
| HCPCS | L1300 | Other scoliosis procedure, body jacket molded to patient model |
| HCPCS | L1310 | Other scoliosis procedure, post-operative body jacket |
| HCPCS | L1499 | Spinal orthosis, not otherwise specified |
| HCPCS | L1685 | Hip orthosis, abduction control of hip joint, postoperative hip abduction type, custom fabricated |
| HCPCS | L1686 | Hip orthosis, abduction control of hip joint, postoperative hip abduction type, prefabricated, includes fitting and adjustment |
| HCPCS | L1690 | Combination, bilateral, lumbo-sacral, hip, femur orthosis providing adduction and internal rotation control, prefabricated, includes fitting and adjustment |
| HCPCS | L1700 | Legg Perthes orthosis, (Toronto type), custom fabricated |
| HCPCS | L1710 | Legg Perthes orthosis, (Newington type), custom fabricated |
| HCPCS | L1720 | Legg Perthes orthosis, trilateral, (Tachdijan type), custom fabricated |
| HCPCS | L1730 | Legg Perthes orthosis, (Scottish Rite type), custom fabricated |
| HCPCS | L1755 | Legg Perthes orthosis, (Patten bottom type), custom fabricated |
| HCPCS | L1832 | Knee orthosis, adjustable knee joints (unicentric or polycentric), positional orthosis, rigid support, prefabricated item that has been trimmed, bent, molded, assembled, or otherwise customized to fit a specific patient by an individual with expertise |
| HCPCS | L1834 | Knee orthosis, without knee joint, rigid, custom fabricated |

| Type of Code | Code | Description |
|---|---|---|
| HCPCS | L1840 | Knee orthosis, derotation, medial-lateral, anterior cruciate ligament, custom fabricated |
| HCPCS | L1843 | Knee orthosis, single upright, thigh and calf, with adjustable flexion and extension joint (unicentric or polycentric), medial-lateral and rotation control, with or without varus/valgus adjustment, prefabricated item that has been trimmed, bent, molded, assembled, or otherwise customized to fit a specific patient by an individual with expertise |
| HCPCS | L1844 | Knee orthosis, single upright, thigh and calf, with adjustable flexion and extension joint (unicentric or polycentric), medial-lateral and rotation control, with or without varus/valgus adjustment, custom fabricated |
| HCPCS | L1845 | Knee orthosis, double upright, thigh and calf, with adjustable flexion and extension joint (unicentric or polycentric), medial-lateral and rotation control, with or without varus/valgus adjustment, prefabricated item that has been trimmed, bent, molded, assembled, or otherwise customized to fit a specific patient by an individual with expertise |
| HCPCS | L1846 | Knee orthosis, double upright, thigh and calf, with adjustable flexion and extension joint (unicentric or polycentric), medial-lateral and rotation control, with or without varus/valgus adjustment, custom fabricated |
| HCPCS | L1847 | Knee orthosis, double upright with adjustable joint, with inflatable air support chamber(s), prefabricated item that has been trimmed, bent, molded, assembled, or otherwise customized to fit a specific patient by an individual with expertise |
| HCPCS | L1850 | Knee orthosis, swedish type, prefabricated, off-the-shelf |
| HCPCS | L1851 | Knee orthosis (KO), single upright, thigh and calf, with adjustable flexion and extension joint (unicentric or polycentric), medial-lateral and rotation control, with or without varus/valgus adjustment, prefabricated, off-the-shelf |
| HCPCS | L1852 | Knee orthosis (KO), double upright, thigh and calf, with adjustable flexion and extension joint (unicentric or polycentric), medial-lateral and rotation control, with or without varus/valgus adjustment, prefabricated, off-the-shelf |
| HCPCS | L1860 | Knee orthosis, modification of supracondylar prosthetic socket, custom fabricated (SK) |
| HCPCS | L1945 | Ankle foot orthosis, plastic, rigid anterior tibial section (floor reaction), custom fabricated |
| HCPCS | L1950 | Ankle foot orthosis, spiral, (institute of rehabilitative medicine type), plastic, custom fabricated |

| Type of Code | Code | Description |
|---|---|---|
| HCPCS | L2000 | Knee ankle foot orthosis, single upright, free knee, free ankle, solid stirrup, thigh and calf bands/cuffs (single bar 'AK' orthosis), custom fabricated |
| HCPCS | L2005 | Knee ankle foot orthosis, any material, single or double upright, stance control, automatic lock and swing phase release, any type activation, includes ankle joint, any type, custom fabricated |
| HCPCS | L2010 | Knee ankle foot orthosis, single upright, free ankle, solid stirrup, thigh and calf bands/cuffs (single bar 'AK' orthosis), without knee joint, custom fabricated |
| HCPCS | L2020 | Knee ankle foot orthosis, double upright, free ankle, solid stirrup, thigh and calf bands/cuffs (double bar 'AK' orthosis), custom fabricated |
| HCPCS | L2030 | Knee ankle foot orthosis, double upright, free ankle, solid stirrup, thigh and calf bands/cuffs, (double bar 'AK' orthosis), without knee joint, custom fabricated |
| HCPCS | L2034 | Knee ankle foot orthosis, full plastic, single upright, with or without free motion knee, medial lateral rotation control, with or without free motion ankle, custom fabricated |
| HCPCS | L2036 | Knee ankle foot orthosis, full plastic, double upright, with or without free motion knee, with or without free motion ankle, custom fabricated |
| HCPCS | L2108 | Ankle foot orthosis, fracture orthosis, tibial fracture cast orthosis, custom fabricated |
| HCPCS | L2112 | Ankle foot orthosis, fracture orthosis, tibial fracture orthosis, soft, prefabricated, includes fitting and adjustment |
| HCPCS | L2114 | Ankle foot orthosis, fracture orthosis, tibial fracture orthosis, semi-rigid, prefabricated, includes fitting and adjustment |
| HCPCS | L2116 | Ankle foot orthosis, fracture orthosis, tibial fracture orthosis, rigid, prefabricated, includes fitting and adjustment |
| HCPCS | L2126 | Knee ankle foot orthosis, fracture orthosis, femoral fracture cast orthosis, thermoplastic type casting material, custom fabricated |
| HCPCS | L2128 | Knee ankle foot orthosis, fracture orthosis, femoral fracture cast orthosis, custom fabricated |
| HCPCS | L2132 | KAFO, fracture orthosis, femoral fracture cast orthosis, soft, prefabricated, includes fitting and adjustment |
| HCPCS | L2134 | KAFO, fracture orthosis, femoral fracture cast orthosis, semi-rigid, prefabricated, includes fitting and adjustment |
| HCPCS | L2136 | KAFO, fracture orthosis, femoral fracture cast orthosis, rigid, prefabricated, includes fitting and adjustment |

| Type of Code | Code | Description |
|---|---|---|
| HCPCS | L2525 | Addition to lower extremity, thigh/weight bearing, ischial containment/narrow M-L brim molded to patient model |
| HCPCS | L2526 | Addition to lower extremity, thigh/weight bearing, ischial containment/narrow M-L brim, custom fitted |
| HCPCS | L2627 | Addition to lower extremity, pelvic control, plastic, molded to patient model, reciprocating hip joint and cables |
| HCPCS | L2628 | Addition to lower extremity, pelvic control, metal frame, reciprocating hip joint and cables |
| HCPCS | L2999 | Lower extremity orthoses, not otherwise specified |
| HCPCS | L3160 | Foot, adjustable shoe-styled positioning device |
| HCPCS | L3649 | Orthopedic shoe, modification, addition or transfer, not otherwise specified |
| HCPCS | L3671 | Shoulder orthosis, shoulder joint design, without joints, may include soft interface, straps, custom fabricated, includes fitting and adjustment |
| HCPCS | L3674 | Shoulder orthosis, abduction positioning (airplane design), thoracic component and support bar, with or without nontorsion joint/turnbuckle, may include soft interface, straps, custom fabricated, includes fitting and adjustment |
| HCPCS | L3766 | Elbow wrist hand finger orthosis, includes one or more nontorsion joints, elastic bands, turnbuckles, may include soft interface, straps, custom fabricated, includes fitting and adjustment |
| HCPCS | L3900 | Wrist hand finger orthosis, dynamic flexor hinge, reciprocal wrist extension/flexion, finger flexion/extension, wrist or finger driven, custom fabricated |
| HCPCS | L3901 | Wrist hand finger orthosis, dynamic flexor hinge, reciprocal wrist extension/flexion, finger flexion/extension, cable driven, custom fabricated |
| HCPCS | L3904 | Wrist hand finger orthosis, external powered, electric, custom fabricated |
| HCPCS | L3915 | Wrist hand orthosis, includes one or more nontorsion joint(s), elastic bands, turnbuckles, may include soft interface, straps, prefabricated item that has been trimmed, bent, molded, assembled, or otherwise customized to fit a specific patient by an individual with expertise |
| HCPCS | L3921 | Hand finger orthosis, includes one or more nontorsion joints, elastic bands, turnbuckles, may include soft interface, straps, custom fabricated, includes fitting and adjustment |
| HCPCS | L3961 | Shoulder elbow wrist hand orthosis, shoulder cap design, without joints, may include soft interface, straps, custom fabricated, includes fitting and adjustment |

| Type of Code | Code | Description |
|---|---|---|
| HCPCS | L3967 | Shoulder elbow wrist hand orthosis, abduction positioning (airplane design), thoracic component and support bar, without joints, may include soft interface, straps, custom fabricated, includes fitting and adjustment |
| HCPCS | L3971 | Shoulder elbow wrist hand orthosis, shoulder cap design, includes one or more nontorsion joints, elastic bands, turnbuckles, may include soft interface, straps, custom fabricated, includes fitting and adjustment |
| HCPCS | L3973 | Shoulder elbow wrist hand orthosis, abduction positioning (airplane design), thoracic component and support bar, includes one or more nontorsion joints, elastic bands, turnbuckles, may include soft interface, straps, custom fabricated, includes fitting and adjustment |
| HCPCS | L3975 | Shoulder elbow wrist hand finger orthosis, shoulder cap design, without joints, may include soft interface, straps, custom fabricated, includes fitting and adjustment |
| HCPCS | L3976 | Shoulder elbow wrist hand finger orthosis, abduction positioning (airplane design), thoracic component and support bar, without joints, may include soft interface, straps, custom fabricated, includes fitting and adjustment |
| HCPCS | L3977 | Shoulder elbow wrist hand finger orthosis, shoulder cap design, includes one or more nontorsion joints, elastic bands, turnbuckles, may include soft interface, straps, custom fabricated, includes fitting and adjustment |
| HCPCS | L3978 | Shoulder elbow wrist hand finger orthosis, abduction positioning (airplane design), thoracic component and support bar, includes one or more nontorsion joints, elastic bands, turnbuckles, may include soft interface, straps, custom fabricated, includes fitting and adjustment |
| HCPCS | L3999 | Upper limb orthosis, not otherwise specified |
| HCPCS | L4000 | Replace girdle for spinal orthosis (CTLSO or SO) |
| HCPCS | L4010 | Replace trilateral socket brim |
| HCPCS | L4210 | Repair of orthotic device, repair or replace minor parts |
| HCPCS | L4631 | Ankle foot orthosis, walking boot type, varus/valgus correction, rocker bottom, anterior tibial shell, soft interface, custom arch support, plastic or other material, includes straps and closures, custom fabricated |
| HCPCS | L5010 | Partial foot, molded socket, ankle height, with toe filler |
| HCPCS | L5020 | Partial foot, molded socket, tibial tubercle height, with toe filler |
| HCPCS | L5050 | Ankle, Symes, molded socket, SACH foot |

| Type of Code | Code | Description |
|---|---|---|
| HCPCS | L5060 | Ankle, Symes, metal frame, molded leather socket, articulated ankle/foot |
| HCPCS | L5100 | Below knee, molded socket, shin, SACH foot |
| HCPCS | L5105 | Below knee, plastic socket, joints and thigh lacer, SACH foot |
| HCPCS | L5150 | Knee disarticulation (or through knee), molded socket, external knee joints, shin, SACH foot |
| HCPCS | L5160 | Knee disarticulation (or through knee), molded socket, bent knee configuration, external knee joints, shin, SACH foot |
| HCPCS | L5200 | Above knee, molded socket, single axis constant friction knee, shin, SACH foot |
| HCPCS | L5210 | Above knee, short prosthesis, no knee joint (stubbies), with foot blocks, no ankle joints, each |
| HCPCS | L5220 | Above knee, short prosthesis, no knee joint (stubbies), with articulated ankle/foot, dynamically aligned, each |
| HCPCS | L5230 | Above knee, for proximal femoral focal deficiency, constant friction knee, shin, SACH foot |
| HCPCS | L5250 | Hip disarticulation, canadian type; molded socket, hip joint, single axis constant friction knee, shin, SACH foot |
| HCPCS | L5270 | Hip disarticulation, tilt table type; molded socket, locking hip joint, single axis constant friction knee, shin, SACH foot |
| HCPCS | L5280 | Hemipelvectomy, canadian type; molded socket, hip joint, single axis constant friction knee, shin, SACH foot |
| HCPCS | L5301 | Below knee, molded socket, shin, SACH foot, endoskeletal system |
| HCPCS | L5312 | Knee disarticulation (or through knee), molded socket, single axis knee, pylon, SACH foot, endoskeletal system |
| HCPCS | L5321 | Above knee, molded socket, open end, SACH foot, endoskeletal system, single axis knee |
| HCPCS | L5331 | Hip disarticulation, canadian type, molded socket, endoskeletal system, hip joint, single axis knee, SACH foot |
| HCPCS | L5341 | Hemipelvectomy, Canadian type, molded socket, endoskeletal system, hip joint, single axis knee, SACH foot |
| HCPCS | L5400 | Immediate post surgical or early fitting, application of initial rigid dressing, including fitting, alignment, suspension, and one cast change, below knee |

| Type of Code | Code | Description |
|---|---|---|
| HCPCS | L5420 | Immediate post surgical or early fitting, application of initial rigid dressing, including fitting, alignment and suspension and one cast change 'AK' or knee disarticulation |
| HCPCS | L5500 | Initial, below knee PTB type socket, non-alignable system, pylon, no cover, SACH foot, plaster socket, direct formed |
| HCPCS | L5505 | Initial, above knee, knee disarticulation, ischial level socket, non-alignable system, pylon, no cover, SACH foot, plaster socket, direct formed |
| HCPCS | L5510 | Preparatory, below knee PTB type socket, non-alignable system, pylon, no cover, SACH foot, plaster socket, molded to model |
| HCPCS | L5520 | Preparatory, below knee PTB type socket, non-alignable system, pylon, no cover, SACH foot, thermoplastic or equal, direct formed |
| HCPCS | L5530 | Preparatory, below knee PTB type socket, non-alignable system, pylon, no cover, SACH foot, thermoplastic or equal, molded to model |
| HCPCS | L5535 | Preparatory, below knee PTB type socket, non-alignable system, no cover, SACH foot, prefabricated, adjustable open end socket |
| HCPCS | L5540 | Preparatory, below knee PTB type socket, non-alignable system, pylon, no cover, SACH foot, laminated socket, molded to model |
| HCPCS | L5560 | Preparatory, above knee, knee disarticulation, ischial level socket, non-alignable system, pylon, no cover, SACH foot, plaster socket, molded to model |
| HCPCS | L5570 | Preparatory, above knee, knee disarticulation, ischial level socket, non-alignable system, pylon, no cover, SACH foot, thermoplastic or equal, direct formed |
| HCPCS | L5580 | Preparatory, above knee, knee disarticulation ischial level socket, non-alignable system, pylon, no cover, SACH foot, thermoplastic or equal, molded to model |
| HCPCS | L5585 | Preparatory, above knee, knee disarticulation, ischial level socket, non-alignable system, pylon, no cover, SACH foot, prefabricated adjustable open end socket |
| HCPCS | L5590 | Preparatory, above knee, knee disarticulation ischial level socket, non-alignable system, pylon no cover, SACH foot, laminated socket, molded to model |
| HCPCS | L5595 | Preparatory, hip disarticulation/hemipelvectomy, pylon, no cover, SACH foot, thermoplastic or equal, molded to patient model |

| Type of Code | Code | Description |
|---|---|---|
| HCPCS | L5600 | Preparatory, hip disarticulation/hemipelvectomy, pylon, no cover, SACH foot, laminated socket, molded to patient model |
| HCPCS | L5610 | Addition to lower extremity, endoskeletal system, above knee, hydracadence system |
| HCPCS | L5611 | Addition to lower extremity, endoskeletal system, above knee, knee disarticulation, 4 bar linkage, with friction swing phase control |
| HCPCS | L5613 | Addition to lower extremity, endoskeletal system, above knee, knee disarticulation, 4 bar linkage, with hydraulic swing phase control |
| HCPCS | L5614 | Addition to lower extremity, exoskeletal system, above knee, knee disarticulation, 4 bar linkage, with pneumatic swing phase control |
| HCPCS | L5616 | Addition to lower extremity, endoskeletal system, above knee, universal multiplex system, friction swing phase control |
| HCPCS | L5639 | Addition to lower extremity, below knee, wood socket |
| HCPCS | L5640 | Addition to lower extremity, knee disarticulation, leather socket |
| HCPCS | L5642 | Addition to lower extremity, above knee, leather socket |
| HCPCS | L5643 | Addition to lower extremity, hip disarticulation, flexible inner socket, external frame |
| HCPCS | L5645 | Addition to lower extremity, below knee, flexible inner socket, external frame |
| HCPCS | L5646 | Addition to lower extremity, below knee, air, fluid, gel or equal, cushion socket |
| HCPCS | L5647 | Addition to lower extremity, below knee suction socket |
| HCPCS | L5648 | Addition to lower extremity, above knee, air, fluid, gel or equal, cushion socket |
| HCPCS | L5649 | Addition to lower extremity, ischial containment/narrow M-L socket |
| HCPCS | L5651 | Addition to lower extremity, above knee, flexible inner socket, external frame |
| HCPCS | L5653 | Addition to lower extremity, knee disarticulation, expandable wall socket |
| HCPCS | L5673 | Addition to lower extremity, below knee/above knee, custom fabricated from existing mold or prefabricated, socket insert, silicone gel, elastomeric or equal, for use with locking mechanism |
| HCPCS | L5679 | Addition to lower extremity, below knee/above knee, custom fabricated from existing mold or prefabricated, socket insert, silicone gel, elastomeric or equal, not for use with locking mechanism |

| Type of Code | Code | Description |
|---|---|---|
| HCPCS | L5681 | Addition to lower extremity, below knee/above knee, custom fabricated socket insert for congenital or atypical traumatic amputee, silicone gel, elastomeric or equal, for use with or without locking mechanism, initial only (for other than initial, use code L5673 or L5679) |
| HCPCS | L5682 | Addition to lower extremity, below knee, thigh lacer, gluteal/ischial, molded |
| HCPCS | L5683 | Addition to lower extremity, below knee/above knee, custom fabricated socket insert for other than congenital or atypical traumatic amputee, silicone gel, elastomeric or equal, for use with or without locking mechanism, initial only (for other than initial, use code L5673 or L5679) |
| HCPCS | L5700 | Replacement, socket, below knee, molded to patient model |
| HCPCS | L5701 | Replacement, socket, above knee/knee disarticulation, including attachment plate, molded to patient model |
| HCPCS | L5702 | Replacement, socket, hip disarticulation, including hip joint, molded to patient model |
| HCPCS | L5703 | Ankle, Symes, molded to patient model, socket without solid ankle cushion heel (SACH) foot, replacement only |
| HCPCS | L5705 | Custom shaped protective cover, above knee |
| HCPCS | L5706 | Custom shaped protective cover, knee disarticulation |
| HCPCS | L5707 | Custom shaped protective cover, hip disarticulation |
| HCPCS | L5716 | Addition, exoskeletal knee-shin system, polycentric, mechanical stance phase lock |
| HCPCS | L5718 | Addition, exoskeletal knee-shin system, polycentric, friction swing and stance phase control |
| HCPCS | L5722 | Addition, exoskeletal knee-shin system, single axis, pneumatic swing, friction stance phase control |
| HCPCS | L5724 | Addition, exoskeletal knee-shin system, single axis, fluid swing phase control |
| HCPCS | L5726 | Addition, exoskeletal knee-shin system, single axis, external joints fluid swing phase control |
| HCPCS | L5728 | Addition, exoskeletal knee-shin system, single axis, fluid swing and stance phase control |
| HCPCS | L5780 | Addition, exoskeletal knee-shin system, single axis, pneumatic/hydra pneumatic swing phase control |
| HCPCS | L5781 | Addition to lower limb prosthesis, vacuum pump, residual limb volume management and moisture evacuation system |
| HCPCS | L5782 | Addition to lower limb prosthesis, vacuum pump, residual limb volume management and moisture evacuation system, heavy duty |

| Type of Code | Code | Description |
|---|---|---|
| HCPCS | L5790 | Addition, exoskeletal system, above knee, ultra-light material (titanium, carbon fiber or equal) |
| HCPCS | L5795 | Addition, exoskeletal system, hip disarticulation, ultra-light material (titanium, carbon fiber or equal) |
| HCPCS | L5811 | Addition, endoskeletal knee-shin system, single axis, manual lock, ultra-light material |
| HCPCS | L5814 | Addition, endoskeletal knee-shin system, polycentric, hydraulic swing phase control, mechanical stance phase lock |
| HCPCS | L5818 | Addition, endoskeletal knee-shin system, polycentric, friction swing, and stance phase control |
| HCPCS | L5822 | Addition, endoskeletal knee-shin system, single axis, pneumatic swing, friction stance phase control |
| HCPCS | L5824 | Addition, endoskeletal knee-shin system, single axis, fluid swing phase control |
| HCPCS | L5826 | Addition, endoskeletal knee-shin system, single axis, hydraulic swing phase control, with miniature high activity frame |
| HCPCS | L5828 | Addition, endoskeletal knee-shin system, single axis, fluid swing and stance phase control |
| HCPCS | L5830 | Addition, endoskeletal knee-shin system, single axis, pneumatic/swing phase control |
| HCPCS | L5840 | Addition, endoskeletal knee/shin system, 4-bar linkage or multiaxial, pneumatic swing phase control |
| HCPCS | L5845 | Addition, endoskeletal, knee-shin system, stance flexion feature, adjustable |
| HCPCS | L5848 | Addition to endoskeletal knee-shin system, fluid stance extension, dampening feature, with or without adjustability |
| HCPCS | L5930 | Addition, endoskeletal system, high activity knee control frame |
| HCPCS | L5940 | Addition, endoskeletal system, below knee, ultra-light material (titanium, carbon fiber or equal) |
| HCPCS | L5950 | Addition, endoskeletal system, above knee, ultra-light material (titanium, carbon fiber or equal) |
| HCPCS | L5960 | Addition, endoskeletal system, hip disarticulation, ultra-light material (titanium, carbon fiber or equal) |
| HCPCS | L5961 | Addition, endoskeletal system, polycentric hip joint, pneumatic or hydraulic control, rotation control, with or without flexion and/or extension control |
| HCPCS | L5964 | Addition, endoskeletal system, above knee, flexible protective outer surface covering system |
| HCPCS | L5966 | Addition, endoskeletal system, hip disarticulation, flexible protective outer surface covering system |
| HCPCS | L5968 | Addition to lower limb prosthesis, multiaxial ankle with swing phase active dorsiflexion feature |
| HCPCS | L5979 | All lower extremity prosthesis, multiaxial ankle, dynamic response foot, one piece system |
| HCPCS | L5980 | All lower extremity prostheses, flex-foot system |

| Type of Code | Code | Description |
|---|---|---|
| HCPCS | L5981 | All lower extremity prostheses, flex-walk system or equal |
| HCPCS | L5982 | All exoskeletal lower extremity prostheses, axial rotation unit |
| HCPCS | L5984 | All endoskeletal lower extremity prosthesis, axial rotation unit, with or without adjustability |
| HCPCS | L5986 | All lower extremity prostheses, multiaxial rotation unit (MCP or equal) |
| HCPCS | L5987 | All lower extremity prosthesis, shank foot system with vertical loading pylon |
| HCPCS | L5988 | Addition to lower limb prosthesis, vertical shock reducing pylon feature |
| HCPCS | L5999 | Lower extremity prosthesis, not otherwise specified |
| HCPCS | L6000 | Partial hand, thumb remaining |
| HCPCS | L6010 | Partial hand, little and/or ring finger remaining |
| HCPCS | L6020 | Partial hand, no finger remaining |
| HCPCS | L6026 | Transcarpal/metacarpal or partial hand disarticulation prosthesis, external power, self-suspended, inner socket with removable forearm section, electrodes and cables, two batteries, charger, myoelectric control of terminal device, excludes terminal device(s) |
| HCPCS | L6050 | Wrist disarticulation, molded socket, flexible elbow hinges, triceps pad |
| HCPCS | L6055 | Wrist disarticulation, molded socket with expandable interface, flexible elbow hinges, triceps pad |
| HCPCS | L6100 | Below elbow, molded socket, flexible elbow hinge, triceps pad |
| HCPCS | L6110 | Below elbow, molded socket, (Muenster or Northwestern suspension types) |
| HCPCS | L6120 | Below elbow, molded double wall split socket, step-up hinges, half cuff |
| HCPCS | L6130 | Below elbow, molded double wall split socket, stump activated locking hinge, half cuff |
| HCPCS | L6200 | Elbow disarticulation, molded socket, outside locking hinge, forearm |
| HCPCS | L6205 | Elbow disarticulation, molded socket with expandable interface, outside locking hinges, forearm |
| HCPCS | L6250 | Above elbow, molded double wall socket, internal locking elbow, forearm |
| HCPCS | L6300 | Shoulder disarticulation, molded socket, shoulder bulkhead, humeral section, internal locking elbow, forearm |
| HCPCS | L6310 | Shoulder disarticulation, passive restoration (complete prosthesis) |
| HCPCS | L6320 | Shoulder disarticulation, passive restoration (shoulder cap only) |

| Type of Code | Code | Description |
|---|---|---|
| HCPCS | L6350 | Interscapular thoracic, molded socket, shoulder bulkhead, humeral section, internal locking elbow, forearm |
| HCPCS | L6360 | Interscapular thoracic, passive restoration (complete prosthesis) |
| HCPCS | L6370 | Interscapular thoracic, passive restoration (shoulder cap only) |
| HCPCS | L6380 | Immediate post surgical or early fitting, application of initial rigid dressing, including fitting alignment and suspension of components, and one cast change, wrist disarticulation or below elbow |
| HCPCS | L6382 | Immediate post surgical or early fitting, application of initial rigid dressing including fitting alignment and suspension of components, and one cast change, elbow disarticulation or above elbow |
| HCPCS | L6384 | Immediate post surgical or early fitting, application of initial rigid dressing including fitting alignment and suspension of components, and one cast change, shoulder disarticulation or interscapular thoracic |
| HCPCS | L6400 | Below elbow, molded socket, endoskeletal system, including soft prosthetic tissue shaping |
| HCPCS | L6450 | Elbow disarticulation, molded socket, endoskeletal system, including soft prosthetic tissue shaping |
| HCPCS | L6500 | Above elbow, molded socket, endoskeletal system, including soft prosthetic tissue shaping |
| HCPCS | L6550 | Shoulder disarticulation, molded socket, endoskeletal system, including soft prosthetic tissue shaping |
| HCPCS | L6570 | Interscapular thoracic, molded socket, endoskeletal system, including soft prosthetic tissue shaping |
| HCPCS | L6580 | Preparatory, wrist disarticulation or below elbow, single wall plastic socket, friction wrist, flexible elbow hinges, figure of eight harness, humeral cuff, Bowden cable control, USMC or equal pylon, no cover, molded to patient model |
| HCPCS | L6582 | Preparatory, wrist disarticulation or below elbow, single wall socket, friction wrist, flexible elbow hinges, figure of eight harness, humeral cuff, Bowden cable control, USMC or equal pylon, no cover, direct formed |
| HCPCS | L6584 | Preparatory, elbow disarticulation or above elbow, single wall plastic socket, friction wrist, locking elbow, figure of eight harness, fair lead cable control, USMC or equal pylon, no cover, molded to patient model |
| HCPCS | L6588 | Preparatory, shoulder disarticulation or interscapular thoracic, single wall plastic socket, shoulder joint, locking elbow, friction wrist, chest strap, fair lead cable control, USMC or equal pylon, no cover, molded to patient model |
| HCPCS | L6590 | Preparatory, shoulder disarticulation or interscapular thoracic, single wall socket, shoulder joint, locking elbow, friction wrist, chest strap, fair lead cable control, USMC or equal pylon, no cover, direct formed |
| HCPCS | L6611 | Addition to upper extremity prosthesis, external powered, additional switch, any type |

| Type of Code | Code | Description |
|---|---|---|
| HCPCS | L6624 | Upper extremity addition, flexion/extension and rotation wrist unit |
| HCPCS | L6638 | Upper extremity addition to prosthesis, electric locking feature, only for use with manually powered elbow |
| HCPCS | L6646 | Upper extremity addition, shoulder joint, multipositional locking, flexion, adjustable abduction friction control, for use with body powered or external powered system |
| HCPCS | L6648 | Upper extremity addition, shoulder lock mechanism, external powered actuator |
| HCPCS | L6689 | Upper extremity addition, frame type socket, shoulder disarticulation |
| HCPCS | L6690 | Upper extremity addition, frame type socket, interscapular-thoracic |
| HCPCS | L6693 | Upper extremity addition, locking elbow, forearm counterbalance |
| HCPCS | L6698 | Addition to upper extremity prosthesis, below elbow/above elbow, lock mechanism, excludes socket insert |
| HCPCS | L6707 | Terminal device, hook, mechanical, voluntary closing, any material, any size, lined or unlined |
| HCPCS | L6708 | Terminal device, hand, mechanical, voluntary opening, any material, any size |
| HCPCS | L6709 | Terminal device, hand, mechanical, voluntary closing, any material, any size |
| HCPCS | L6712 | Terminal device, hook, mechanical, voluntary closing, any material, any size, lined or unlined, pediatric |
| HCPCS | L6713 | Terminal device, hand, mechanical, voluntary opening, any material, any size, pediatric |
| HCPCS | L6714 | Terminal device, hand, mechanical, voluntary closing, any material, any size, pediatric |
| HCPCS | L6715 | Terminal device, multiple articulating digit, includes motor(s), initial issue or replacement |
| HCPCS | L6722 | Terminal device, hook or hand, heavy duty, mechanical, voluntary closing, any material, any size, lined or unlined |
| HCPCS | L6880 | Electric hand, switch or myoelectric controlled, independently articulating digits, any grasp pattern or combination of grasp patterns, includes motor(s) |
| HCPCS | L6881 | Automatic grasp feature, addition to upper limb electric prosthetic terminal device |
| HCPCS | L6882 | Microprocessor control feature, addition to upper limb prosthetic terminal device |
| HCPCS | L6883 | Replacement socket, below elbow/wrist disarticulation, molded to patient model, for use with or without external power |
| HCPCS | L6884 | Replacement socket, above elbow/elbow disarticulation, molded to patient model, for use with or without external power |

| Type of Code | Code | Description |
|---|---|---|
| HCPCS | L6885 | Replacement socket, shoulder disarticulation/interscapular thoracic, molded to patient model, for use with or without external power |
| HCPCS | L6900 | Hand restoration (casts, shading and measurements included), partial hand, with glove, thumb or one finger remaining |
| HCPCS | L6905 | Hand restoration (casts, shading and measurements included), partial hand, with glove, multiple fingers remaining |
| HCPCS | L6910 | Hand restoration (casts, shading and measurements included), partial hand, with glove, no fingers remaining |
| HCPCS | L6915 | Hand restoration (shading, and measurements included), replacement glove for above |
| HCPCS | L6920 | Wrist disarticulation, external power, self-suspended inner socket, removable forearm shell, Otto Bock or equal, switch, cables, two batteries and one charger, switch control of terminal device |
| HCPCS | L6925 | Wrist disarticulation, external power, self-suspended inner socket, removable forearm shell, Otto Bock or equal electrodes, cables, two batteries and one charger, myoelectronic control of terminal device |
| HCPCS | L6930 | Below elbow, external power, self-suspended inner socket, removable forearm shell, Otto Bock or equal switch, cables, two batteries and one charger, switch control of terminal device |
| HCPCS | L6935 | Below elbow, external power, self-suspended inner socket, removable forearm shell, Otto Bock or equal electrodes, cables, two batteries and one charger, myoelectronic control of terminal device |
| HCPCS | L6940 | Elbow disarticulation, external power, molded inner socket, removable humeral shell, outside locking hinges, forearm, Otto Bock or equal switch, cables, two batteries and one charger, switch control of terminal device |
| HCPCS | L6945 | Elbow disarticulation, external power, molded inner socket, removable humeral shell, outside locking hinges, forearm, Otto Bock or equal electrodes, cables, two batteries and one charger, myoelectronic control of terminal device |
| HCPCS | L6950 | Above elbow, external power, molded inner socket, removable humeral shell, internal locking elbow, forearm, Otto Bock or equal switch, cables, two batteries and one charger, switch control of terminal device |

| Type of Code | Code | Description |
|---|---|---|
| HCPCS | L6955 | Above elbow, external power, molded inner socket, removable humeral shell, internal locking elbow, forearm, Otto Bock or equal electrodes, cables, two batteries and one charger, myoelectronic control of terminal device |
| HCPCS | L6960 | Shoulder disarticulation, external power, molded inner socket, removable shoulder shell, shoulder bulkhead, humeral section, mechanical elbow, forearm, Otto Bock or equal switch, cables, two batteries and one charger, switch control of terminal device |
| HCPCS | L6965 | Shoulder disarticulation, external power, molded inner socket, removable shoulder shell, shoulder bulkhead, humeral section, mechanical elbow, forearm, Otto Bock or equal electrodes, cables, two batteries and one charger, myoelectronic control of terminal device |
| HCPCS | L6970 | Interscapular-thoracic, external power, molded inner socket, removable shoulder shell, shoulder bulkhead, humeral section, mechanical elbow, forearm, Otto Bock or equal switch, cables, two batteries and one charger, switch control of terminal device |
| HCPCS | L6975 | Interscapular-thoracic, external power, molded inner socket, removable shoulder shell, shoulder bulkhead, humeral section, mechanical elbow, forearm, Otto Bock or equal electrodes, cables, two batteries and one charger, myoelectronic control of terminal device |
| HCPCS | L7007 | Electric hand, switch or myoelectric controlled, adult |
| HCPCS | L7008 | Electric hand, switch or myoelectric, controlled, pediatric |
| HCPCS | L7009 | Electric hook, switch or myoelectric controlled, adult |
| HCPCS | L7040 | Prehensile actuator, switch controlled |
| HCPCS | L7045 | Electric hook, switch or myoelectric controlled, pediatric |
| HCPCS | L7170 | Electronic elbow, hosmer or equal, switch controlled |
| HCPCS | L7180 | Electronic elbow, microprocessor sequential control of elbow and terminal device |
| HCPCS | L7185 | Electronic elbow, adolescent, Variety Village or equal, switch controlled |
| HCPCS | L7186 | Electronic elbow, child, Variety Village or equal, switch controlled |
| HCPCS | L7190 | Electronic elbow, adolescent, Variety Village or equal, myoelectronically controlled |
| HCPCS | L7191 | Electronic elbow, child, Variety Village or equal, myoelectronically controlled |
| HCPCS | L7259 | Electronic wrist rotator, any type |

| Type of Code | Code | Description |
|---|---|---|
| HCPCS | L7368 | Lithium ion battery charger, replacement only |
| HCPCS | L7403 | Addition to upper extremity prosthesis, below elbow/wrist disarticulation, acrylic material |
| HCPCS | L7404 | Addition to upper extremity prosthesis, above elbow disarticulation, acrylic material |
| HCPCS | L7405 | Addition to upper extremity prosthesis, shoulder disarticulation/interscapular thoracic, acrylic material |
| HCPCS | L7499 | Upper extremity prosthesis, not otherwise specified |
| HCPCS | L7510 | Repair of prosthetic device, repair or replace minor parts |
| HCPCS | L8040 | Nasal prosthesis, provided by a non-physician |
| HCPCS | L8041 | Midfacial prosthesis, provided by a non-physician |
| HCPCS | L8042 | Orbital prosthesis, provided by a non-physician |
| HCPCS | L8043 | Upper facial prosthesis, provided by a non-physician |
| HCPCS | L8044 | Hemi-facial prosthesis, provided by a non-physician |
| HCPCS | L8045 | Auricular prosthesis, provided by a non-physician |
| HCPCS | L8046 | Partial facial prosthesis, provided by a non-physician |
| HCPCS | L8047 | Nasal septal prosthesis, provided by a non-physician |
| HCPCS | L8048 | Unspecified maxillofacial prosthesis, by report, provided by a non-physician |
| HCPCS | L8049 | Repair or modification of maxillofacial prosthesis, labor component, 15 minute increments, provided by a non-physician |
| HCPCS | L8499 | Unlisted procedure for miscellaneous prosthetic services |
| HCPCS | L8500 | Artificial larynx, any type |
| HCPCS | L8510 | Voice amplifier |
| HCPCS | L8606 | Injectable bulking agent, synthetic implant, urinary tract, 1 ml syringe, includes shipping and necessary supplies |
| HCPCS | L8610 | Ocular implant |
| HCPCS | L8612 | Aqueous shunt |
| HCPCS | L8613 | Ossicula implant |
| HCPCS | L8614 | Cochlear device, includes all internal and external components |

| Type of Code | Code | Description |
|---|---|---|
| HCPCS | L8619 | Cochlear implant, external speech processor and controller, integrated system, replacement |
| HCPCS | L8627 | Cochlear implant, external speech processor, component, replacement |
| HCPCS | L8628 | Cochlear implant, external controller component, replacement |
| HCPCS | L8630 | Metacarpophalangeal joint implant |
| HCPCS | L8641 | Metatarsal joint implant |
| HCPCS | L8642 | Hallux implant |
| HCPCS | L8658 | Interphalangeal joint spacer, silicone or equal, each |
| HCPCS | L8670 | Vascular graft material, synthetic, implant |
| HCPCS | L8680 | Implantable neurostimulator electrode, each |
| HCPCS | L8685 | Implantable neurostimulator pulse generator, single array, rechargeable, includes extension |
| HCPCS | L8686 | Implantable neurostimulator pulse generator, single array, non-rechargeable, includes extension |
| HCPCS | L8687 | Implantable neurostimulator pulse generator, dual array, rechargeable, includes extension |
| HCPCS | L8688 | Implantable neurostimulator pulse generator, dual array, non-rechargeable, includes extension |
| HCPCS | L8690 | Auditory osseointegrated device, includes all internal and external components |
| HCPCS | L8691 | Auditory osseointegrated device, external sound processor, excludes transducer/actuator, replacement only, each |
| HCPCS | L8692 | Auditory osseointegrated device, external sound processor, used without osseointegration, body worn, includes headband or other means of external attachment |
| HCPCS | L8693 | Auditory osseointegrated device abutment, any length, replacement only |
| HCPCS | L8699 | Prosthetic implant, not otherwise specified |
| HCPCS | Q0478 | Power adapter for use with electric or electric/pneumatic ventricular assist device, vehicle type |
| HCPCS | Q0479 | Power module for use with electric or electric/pneumatic ventricular assist device, replacement only |
| HCPCS | Q0480 | Driver for use with pneumatic ventricular assist device, replacement only |
| HCPCS | Q0481 | Microprocessor control unit for use with electric ventricular assist device, replacement only |
| HCPCS | Q0482 | Microprocessor control unit for use with electric/pneumatic combination ventricular assist device, replacement only |
| HCPCS | Q0483 | Monitor/display module for use with electric ventricular assist device, replacement only |

| Type of Code | Code | Description |
|---|---|---|
| HCPCS | Q0484 | Monitor/display module for use with electric or electric/pneumatic ventricular assist device, replacement only |
| HCPCS | Q0485 | Monitor control cable for use with electric ventricular assist device, replacement only |
| HCPCS | Q0486 | Monitor control cable for use with electric/pneumatic ventricular assist device, replacement only |
| HCPCS | Q0487 | Leads (pneumatic/electrical) for use with any type electric/pneumatic ventricular assist device, replacement only |
| HCPCS | Q0488 | Power pack base for use with electric ventricular assist device, replacement only |
| HCPCS | Q0489 | Power pack base for use with electric/pneumatic ventricular assist device, replacement only |
| HCPCS | Q0490 | Emergency power source for use with electric ventricular assist device, replacement only |
| HCPCS | Q0491 | Emergency power source for use with electric/pneumatic ventricular assist device, replacement only |
| HCPCS | Q0492 | Emergency power supply cable for use with electric ventricular assist device, replacement only |
| HCPCS | Q0493 | Emergency power supply cable for use with electric/pneumatic ventricular assist device, replacement only |
| HCPCS | Q0494 | Emergency hand pump for use with electric or electric/pneumatic ventricular assist device, replacement only |
| HCPCS | Q0495 | Battery/power pack charger for use with electric or electric/pneumatic ventricular assist device, replacement only |
| HCPCS | Q0496 | Battery, other than lithium-ion, for use with electric or electric/pneumatic ventricular assist device, replacement only |
| HCPCS | Q0497 | Battery clips for use with electric or electric/pneumatic ventricular assist device, replacement only |
| HCPCS | Q0498 | Holster for use with electric or electric/pneumatic ventricular assist device, replacement only |
| HCPCS | Q0499 | Belt/vest/bag for use to carry external peripheral components of any type ventricular assist device, replacement only |
| HCPCS | Q0500 | Filters for use with electric or electric/pneumatic ventricular assist device, replacement only |
| HCPCS | Q0503 | Battery for pneumatic ventricular assist device, replacement only, each |
| HCPCS | Q0504 | Power adapter for pneumatic ventricular assist device, replacement only, vehicle type |
| HCPCS | Q0506 | Battery, lithium-ion, for use with electric or electric/pneumatic ventricular assist device, replacement only |
| HCPCS | Q0507 | Miscellaneous supply or accessory for use with an external ventricular assist device |

| Type of Code | Code | Description |
|---|---|---|
| HCPCS | Q0508 | Miscellaneous supply or accessory for use with an implanted ventricular assist device |
| HCPCS | Q4101 | Apligraf, per square centimeter |
| HCPCS | Q4106 | Dermagraft, per square centimeter |
| HCPCS | Q4112 | Cymetra, injectable, 1 cc |
| HCPCS | Q4113 | Graftjacket Xpress, injectable, 1 cc |
| HCPCS | Q4114 | Integra Flowable Wound Matrix, injectable, 1 cc |
| HCPCS | Q5125 | Injection, filgrastim-ayow, biosimilar, (releuko), 1 microgram |
| HCPCS | S1040 | Cranial remolding orthosis, pediatric, rigid, with soft interface material, custom fabricated, includes fitting and adjustment(s) |
| HCPCS | S2053 | Transplantation of small intestine and liver allografts |
| HCPCS | S2054 | Transplantation of multivisceral organs |
| HCPCS | S2055 | Harvesting of donor multivisceral organs, with preparation and maintenance of allografts; from cadaver donor |
| HCPCS | S2065 | Simultaneous pancreas kidney transplantation |
| HCPCS | S3854 | Gene expression profiling panel for use in the management of breast cancer treatment |
| HCPCS | S8429 | Gradient pressure exterior wrap |
| HCPCS | S9123 | Nursing care, in the home; by registered nurse, per hour (use for general nursing care only, not to be used when CPT codes 99500-99602 can be used) |
| HCPCS | S9124 | Nursing care, in the home; by licensed practical nurse, per hour |
| HCPCS | T1001 | Nursing assessment/evaluation |
| HCPCS | T1002 | RN services, up to 15 minutes |
| HCPCS | T1021 | Home health aide or certified nurse assistant, per visit |
| HCPCS | T2029 | Specialized medical equipment, not otherwise specified, waiver |
| HCPCS | T2042 | Hospice routine home care; per diem |
| HCPCS | T2043 | Hospice continuous home care; per hour |
| HCPCS | T2044 | Hospice inpatient respite care; per diem |
| HCPCS | T2045 | Hospice general inpatient care; per diem |

| Type of Code | Code | Description |
|---|---|---|
| HCPCS | T2046 | Hospice long term care, room and board only; per diem |
| HCPCS | V5336 | Repair/modification of augmentative communicative system or device (excludes adaptive hearing aid) |