**2014 Neurosurgery: Is the Surgery Medicare Inpatient Only or not?**

Disclaimer: This is not the CMS Inpatient Only Procedure List (Annual OPPS Addendum E). It is a guide to help you identify common procedures on that list. Information adapted from 2014 OPPS Addendum B and AMA CPT codes. Valid for Traditional Medicare patients.

**Note: For Spine Procedures, Refer to Spine Surgery List**

***CSF: Aspiration, Diversion, or Shunt Procedures***

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| Inpatient Only Procedure | | Not an Inpatient Only Procedure | |
|  |  | 61000 | Subdural tap through fontanelle, or suture, infant, unilateral or bilateral; initial |
|  |  | 61001 | Subdural tap through fontanelle, or suture, infant, unilateral or bilateral; subsequent taps |
|  |  | 61020 | Ventricular puncture through previous burr hole, fontanelle, suture, or implanted ventricular catheter/reservoir; without injection |
|  |  | 61026 | Ventricular puncture through previous burr hole, fontanelle, suture, or implanted ventricular catheter/reservoir; with injection of medication or other substance for diagnosis or treatment |
|  |  | 61050 | Cisternal or lateral cervical (C1-C2) puncture; without injection (separate procedure) |
|  |  | 61055 | Cisternal or lateral cervical (C1-C2) puncture; with injection of medication or other substance for diagnosis or treatment (eg, C1-C2) |
| 62180 | Ventriculocisternostomy (Torkildsen type operation) | 61070 | Puncture of shunt tubing or reservoir for aspiration or injection procedure |
| 62190 | Creation of shunt; subarachnoid/subdural-atrial, -jugular, -auricular |  |  |
| 62192 | Creation of shunt; subarachnoid/subdural-peritoneal, -pleural, other terminus | 62194 | Replacement or irrigation, subarachnoid/subdural catheter |
| 62200 | Ventriculocisternostomy, third ventricle; |  |  |
| 62201 | Ventriculocisternostomy, third ventricle; stereotactic, neuroendoscopic method |  |  |
| 62220 | Creation of shunt; ventriculo-atrial, -jugular, -auricular |  |  |
| 62223 | Creation of shunt; ventriculo-peritoneal, -pleural, other terminus | 62225 | Replacement or irrigation, ventricular catheter |
| 62256 | Removal of complete cerebrospinal fluid shunt system; without replacement | 62230 | Replacement or revision of cerebrospinal fluid shunt, obstructed valve, or distal catheter in shunt system |
| 62258 | Removal of complete cerebrospinal fluid shunt system; with replacement by similar or other shunt at same operation | 62252 | Reprogramming of programmable cerebrospinal shunt |

***Electrode Procedures***

|  |  |  |  |
| --- | --- | --- | --- |
| Inpatient Only Procedure | | Not an Inpatient Only Procedure | |
| 61210 | Burr hole(s); for implanting ventricular catheter, reservoir, EEG electrode(s), pressure recording device, or other cerebral monitoring device (separate procedure) |  |  |
| 61531 | Subdural implantation of strip electrodes through 1 or more burr or trephine hole(s) for long-term seizure monitoring |  |  |
| 61533 | Craniotomy with elevation of bone flap; for subdural implantation of an electrode array, for long-term seizure monitoring |  |  |
| 61535 | Craniotomy with elevation of bone flap; for removal of epidural or subdural electrode array, without excision of cerebral tissue (separate procedure) |  |  |
| 61760 | Stereotactic implantation of depth electrodes into the cerebrum for long-term seizure monitoring |  |  |
| 61850 | Twist drill or burr hole(s) for implantation of neurostimulator electrodes, cortical |  |  |
| 61860 | Craniectomy or craniotomy for implantation of neurostimulator electrodes, cerebral, cortical |  |  |
| 61863 | Twist drill, burr hole, craniotomy, or craniectomy with stereotactic implantation of neurostimulator electrode array in subcortical site (eg, thalamus, globus pallidus, subthalamic nucleus, periventricular, periaqueductal gray), without use of intraoperative microelectrode recording; first array |  |  |
| 61864 | Twist drill, burr hole, craniotomy, or craniectomy with stereotactic implantation of neurostimulator electrode array in subcortical site (eg, thalamus, globus pallidus, subthalamic nucleus, periventricular, periaqueductal gray), without use of intraoperative microelectrode recording; each additional array (List separately in addition to primary procedure) |  |  |
| 61867 | Twist drill, burr hole, craniotomy, or craniectomy with stereotactic implantation of neurostimulator electrode array in subcortical site (eg, thalamus, globus pallidus, subthalamic nucleus, periventricular, periaqueductal gray), with use of intraoperative microelectrode recording; first array |  |  |
| 61868 | Twist drill, burr hole, craniotomy, or craniectomy with stereotactic implantation of neurostimulator electrode array in subcortical site (eg, thalamus, globus pallidus, subthalamic nucleus, periventricular, periaqueductal gray), with use of intraoperative microelectrode recording; each additional array (List separately in addition to primary procedure) |  |  |
| 61870 | Craniectomy for implantation of neurostimulator electrodes, cerebellar; cortical |  |  |
| 61875 | Craniectomy for implantation of neurostimulator electrodes, cerebellar; subcortical | 61880 | Revision or removal of intracranial neurostimulator electrodes |
|  |  | 61885 | Insertion or replacement of cranial neurostimulator pulse generator or receiver, direct or inductive coupling; with connection to a single electrode array |
|  |  | 61886 | Insertion or replacement of cranial neurostimulator pulse generator or receiver, direct or inductive coupling; with connection to 2 or more electrode arrays |
|  |  | 61888 | Revision or removal of cranial neurostimulator pulse generator or receiver |

***Skull Defect Repair Procedures***

|  |  |  |  |
| --- | --- | --- | --- |
| Inpatient Only Procedure | | Not an Inpatient Only Procedure | |
| 61550 | Craniectomy for craniosynostosis; single cranial suture |  |  |
| 61552 | Craniectomy for craniosynostosis; multiple cranial sutures |  |  |
| 61556 | Craniotomy for craniosynostosis; frontal or parietal bone flap |  |  |
| 61557 | Craniotomy for craniosynostosis; bifrontal bone flap |  |  |
| 61558 | Extensive craniectomy for multiple cranial suture craniosynostosis (eg, cloverleaf skull); not requiring bone grafts |  |  |
| 61559 | Extensive craniectomy for multiple cranial suture craniosynostosis (eg, cloverleaf skull); recontouring with multiple osteotomies and bone autografts (eg, barrel-stave procedure) (includes obtaining grafts) |  |  |
| 62005 | Elevation of depressed skull fracture; compound or comminuted, extradural | 62000 | Elevation of depressed skull fracture; simple, extradural |
| 62010 | Elevation of depressed skull fracture; with repair of dura and/or debridement of brain |  |  |
| 62100 | Craniotomy for repair of dural/cerebrospinal fluid leak, including surgery for rhinorrhea/otorrhea |  |  |
| 62115 | Reduction of craniomegalic skull (eg, treated hydrocephalus); not requiring bone grafts or cranioplasty |  |  |
| 62116 | Reduction of craniomegalic skull (eg, treated hydrocephalus); with simple cranioplasty |  |  |
| 62117 | Reduction of craniomegalic skull (eg, treated hydrocephalus); requiring craniotomy and reconstruction with or without bone graft (includes obtaining grafts) |  |  |
| 62120 | Repair of encephalocele, skull vault, including cranioplasty |  |  |
| 62121 | Craniotomy for repair of encephalocele, skull base |  |  |
| 62140 | Cranioplasty for skull defect; up to 5 cm diameter |  |  |
| 62141 | Cranioplasty for skull defect; larger than 5 cm diameter |  |  |
| 62142 | Removal of bone flap or prosthetic plate of skull |  |  |
| 62143 | Replacement of bone flap or prosthetic plate of skull |  |  |
| 62145 | Cranioplasty for skull defect with reparative brain surgery |  |  |
| 62146 | Cranioplasty with autograft (includes obtaining bone grafts); up to 5 cm diameter |  |  |
| 62147 | Cranioplasty with autograft (includes obtaining bone grafts); larger than 5 cm diameter |  |  |
| 62148 | Incision and retrieval of subcutaneous cranial bone graft for cranioplasty (List separately in addition to code for primary procedure) |  |  |

***Stereotactic Brain Procedures***

|  |  |  |  |
| --- | --- | --- | --- |
| Inpatient Only Procedure | | Not an Inpatient Only Procedure | |
| 61618 | Secondary repair of dura for cerebrospinal fluid leak, anterior, middle or posterior cranial fossa following surgery of the skull base; by free tissue graft (eg, pericranium, fascia, tensor fascia lata, adipose tissue, homologous or synthetic grafts) |  |  |
| 61619 | Secondary repair of dura for cerebrospinal fluid leak, anterior, middle or posterior cranial fossa following surgery of the skull base; by local or regionalized vascularized pedicle flap or myocutaneous flap (including galea, temporalis, frontalis or occipitalis muscle) |  |  |
| 61735 | Creation of lesion by stereotactic method, including burr hole(s) and localizing and recording techniques, single or multiple stages; subcortical structure(s) other than globus pallidus or thalamus | 61720 | Creation of lesion by stereotactic method, including burr hole(s) and localizing and recording techniques, single or multiple stages; globus pallidus or thalamus |
| 61750 | Stereotactic biopsy, aspiration, or excision, including burr hole(s), for intracranial lesion; |  |  |
| 61751 | Stereotactic biopsy, aspiration, or excision, including burr hole(s), for intracranial lesion; with computed tomography and/or magnetic resonance guidance |  |  |
| 61760 | Stereotactic implantation of depth electrodes into the cerebrum for long-term seizure monitoring | 61770 | Stereotactic localization, including burr hole(s), with insertion of catheter(s) or probe(s) for placement of radiation source |
|  |  | 61790 | Creation of lesion by stereotactic method, percutaneous, by neurolytic agent (eg, alcohol, thermal, electrical, radiofrequency); gasserian ganglion |
|  |  | 61791 | Creation of lesion by stereotactic method, percutaneous, by neurolytic agent (eg, alcohol, thermal, electrical, radiofrequency); trigeminal medullary tract |
|  |  | 61796 | Stereotactic radiosurgery (particle beam, gamma ray, or linear accelerator); 1 simple cranial lesion |
|  |  | 61797 | Stereotactic radiosurgery (particle beam, gamma ray, or linear accelerator); each additional cranial lesion, simple (List separately in addition to code for primary procedure) |
|  |  | 61798 | Stereotactic radiosurgery (particle beam, gamma ray, or linear accelerator); 1 complex cranial lesion |
|  |  | 61799 | Stereotactic radiosurgery (particle beam, gamma ray, or linear accelerator); each additional cranial lesion, complex (List separately in addition to code for primary procedure) |
|  |  | 61800 | Application of stereotactic headframe for stereotactic radiosurgery (List separately in addition to code for primary procedure) |
| 61863 | Twist drill, burr hole, craniotomy, or craniectomy with stereotactic implantation of neurostimulator electrode array in subcortical site (eg, thalamus, globus pallidus, subthalamic nucleus, periventricular, periaqueductal gray), without use of intraoperative microelectrode recording; first array |  |  |
| 61864 | Twist drill, burr hole, craniotomy, or craniectomy with stereotactic implantation of neurostimulator electrode array in subcortical site (eg, thalamus, globus pallidus, subthalamic nucleus, periventricular, periaqueductal gray), without use of intraoperative microelectrode recording; each additional array (List separately in addition to primary procedure) |  |  |
| 61867 | Twist drill, burr hole, craniotomy, or craniectomy with stereotactic implantation of neurostimulator electrode array in subcortical site (eg, thalamus, globus pallidus, subthalamic nucleus, periventricular, periaqueductal gray), with use of intraoperative microelectrode recording; first array |  |  |
| 61868 | Twist drill, burr hole, craniotomy, or craniectomy with stereotactic implantation of neurostimulator electrode array in subcortical site (eg, thalamus, globus pallidus, subthalamic nucleus, periventricular, periaqueductal gray), with use of intraoperative microelectrode recording; each additional array (List separately in addition to primary procedure) |  |  |

***Vascular Procedures***

|  |  |  |  |
| --- | --- | --- | --- |
| Inpatient Only Procedure | | Not an Inpatient Only Procedure | |
| 61600 | Resection or excision of neoplastic, vascular or infectious lesion of base of anterior cranial fossa; extradural |  |  |
| 61601 | Resection or excision of neoplastic, vascular or infectious lesion of base of anterior cranial fossa; intradural, including dural repair, with or without graft |  |  |
| 61605 | Resection or excision of neoplastic, vascular or infectious lesion of infratemporal fossa, parapharyngeal space, petrous apex; extradural |  |  |
| 61606 | Resection or excision of neoplastic, vascular or infectious lesion of infratemporal fossa, parapharyngeal space, petrous apex; intradural, including dural repair, with or without graft |  |  |
| 61607 | Resection or excision of neoplastic, vascular or infectious lesion of parasellar area, cavernous sinus, clivus or midline skull base; extradural |  |  |
| 61608 | Resection or excision of neoplastic, vascular or infectious lesion of parasellar area, cavernous sinus, clivus or midline skull base; intradural, including dural repair, with or without graft |  |  |
| 61609 | Transection or ligation, carotid artery in cavernous sinus; without repair (List separately in addition to code for primary procedure) |  |  |
| 61610 | Transection or ligation, carotid artery in cavernous sinus; with repair by anastomosis or graft (List separately in addition to code for primary procedure) |  |  |
| 61611 | Transection or ligation, carotid artery in petrous canal; without repair (List separately in addition to code for primary procedure) |  |  |
| 61612 | Transection or ligation, carotid artery in petrous canal; with repair by anastomosis or graft (List separately in addition to code for primary procedure) |  |  |
| 61613 | Obliteration of carotid aneurysm, arteriovenous malformation, or carotid-cavernous fistula by dissection within cavernous sinus |  |  |
| 61615 | Resection or excision of neoplastic, vascular or infectious lesion of base of posterior cranial fossa, jugular foramen, foramen magnum, or C1-C3 vertebral bodies; extradural |  |  |
| 61616 | Resection or excision of neoplastic, vascular or infectious lesion of base of posterior cranial fossa, jugular foramen, foramen magnum, or C1-C3 vertebral bodies; intradural, including dural repair, with or without graft |  |  |
| 61624 | Transcatheter permanent occlusion or embolization (eg, for tumor destruction, to achieve hemostasis, to occlude a vascular malformation), percutaneous, any method; central nervous system (intracranial, spinal cord) | 61623 | Endovascular temporary balloon arterial occlusion, head or neck (extracranial/intracranial) including selective catheterization of vessel to be occluded, positioning and inflation of occlusion balloon, concomitant neurological monitoring, and radiologic supervision and interpretation of all angiography required for balloon occlusion and to exclude vascular injury post occlusion |
| 61630 | Balloon angioplasty, intracranial (eg, atherosclerotic stenosis), percutaneous | 61626 | Transcatheter permanent occlusion or embolization (eg, for tumor destruction, to achieve hemostasis, to occlude a vascular malformation), percutaneous, any method; non-central nervous system, head or neck (extracranial, brachiocephalic branch) |
| 61635 | Transcatheter placement of intravascular stent(s), intracranial (eg, atherosclerotic stenosis), including balloon angioplasty, if performed |  |  |
| 61680 | Surgery of intracranial arteriovenous malformation; supratentorial, simple |  |  |
| 61682 | Surgery of intracranial arteriovenous malformation; supratentorial, complex |  |  |
| 61684 | Surgery of intracranial arteriovenous malformation; infratentorial, simple |  |  |
| 61686 | Surgery of intracranial arteriovenous malformation; infratentorial, complex |  |  |
| 61690 | Surgery of intracranial arteriovenous malformation; dural, simple |  |  |
| 61692 | Surgery of intracranial arteriovenous malformation; dural, complex |  |  |
| 61697 | Surgery of complex intracranial aneurysm, intracranial approach; carotid circulation |  |  |
| 61698 | Surgery of complex intracranial aneurysm, intracranial approach; vertebrobasilar circulation |  |  |
| 61700 | Surgery of simple intracranial aneurysm, intracranial approach; carotid circulation |  |  |
| 61702 | Surgery of simple intracranial aneurysm, intracranial approach; vertebrobasilar circulation |  |  |
| 61703 | Surgery of intracranial aneurysm, cervical approach by application of occluding clamp to cervical carotid artery (Selverstone-Crutchfield type) |  |  |
| 61705 | Surgery of aneurysm, vascular malformation or carotid-cavernous fistula; by intracranial and cervical occlusion of carotid artery |  |  |
| 61708 | Surgery of aneurysm, vascular malformation or carotid-cavernous fistula; by intracranial electrothrombosis |  |  |
| 61710 | Surgery of aneurysm, vascular malformation or carotid-cavernous fistula; by intra-arterial embolization, injection procedure, or balloon catheter |  |  |
| 61711 | Anastomosis, arterial, extracranial-intracranial (eg, middle cerebral/cortical) arteries |  |  |

***Other Neurosurgical Procedures***

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| Inpatient Only Procedure | | Not an Inpatient Only Procedure | |
| 61105 | Twist drill hole for subdural or ventricular puncture |  |  |
| 61108 | Twist drill hole(s) for subdural, intracerebral, or ventricular puncture; for evacuation and/or drainage of subdural hematoma |  |  |
| 61120 | Burr hole(s) for ventricular puncture (including injection of gas, contrast media, dye, or radioactive material) |  |  |
| 61140 | Burr hole(s) or trephine; with biopsy of brain or intracranial lesion |  |  |
| 61150 | Burr hole(s) or trephine; with drainage of brain abscess or cyst |  |  |
| 61151 | Burr hole(s) or trephine; with subsequent tapping (aspiration) of intracranial abscess or cyst |  |  |
| 61154 | Burr hole(s) with evacuation and/or drainage of hematoma, extradural or subdural |  |  |
| 61156 | Burr hole(s); with aspiration of hematoma or cyst, intracerebral |  |  |
| 61210 | Burr hole(s); for implanting ventricular catheter, reservoir, EEG electrode(s), pressure recording device, or other cerebral monitoring device (separate procedure) | 61215 | Insertion of subcutaneous reservoir, pump or continuous infusion system for connection to ventricular catheter |
| 61250 | Burr hole(s) or trephine, supratentorial, exploratory, not followed by other surgery |  |  |
| 61253 | Burr hole(s) or trephine, infratentorial, unilateral or bilateral |  |  |
| 61304 | Craniectomy or craniotomy, exploratory; supratentorial |  |  |
| 61305 | Craniectomy or craniotomy, exploratory; infratentorial (posterior fossa) |  |  |
| 61312 | Craniectomy or craniotomy for evacuation of hematoma, supratentorial; extradural or subdural |  |  |
| 61313 | Craniectomy or craniotomy for evacuation of hematoma, supratentorial; intracerebral |  |  |
| 61314 | Craniectomy or craniotomy for evacuation of hematoma, infratentorial; extradural or subdural |  |  |
| 61315 | Craniectomy or craniotomy for evacuation of hematoma, infratentorial; intracerebellar |  |  |
| 61316 | Incision and subcutaneous placement of cranial bone graft (List separately in addition to code for primary procedure) |  |  |
| 61320 | Craniectomy or craniotomy, drainage of intracranial abscess; supratentorial |  |  |
| 61321 | Craniectomy or craniotomy, drainage of intracranial abscess; infratentorial |  |  |
| 61322 | Craniectomy or craniotomy, decompressive, with or without duraplasty, for treatment of intracranial hypertension, without evacuation of associated intraparenchymal hematoma; without lobectomy |  |  |
| 61323 | Craniectomy or craniotomy, decompressive, with or without duraplasty, for treatment of intracranial hypertension, without evacuation of associated intraparenchymal hematoma; with lobectomy | 61330 | Decompression of orbit only, transcranial approach |
| 61332 | Exploration of orbit (transcranial approach); with biopsy |  |  |
| 61333 | Exploration of orbit (transcranial approach); with removal of lesion | 61334 | Exploration of orbit (transcranial approach); with removal of foreign body |
| 61340 | Subtemporal cranial decompression (pseudotumor cerebri, slit ventricle syndrome) |  |  |
| 61343 | Craniectomy, suboccipital with cervical laminectomy for decompression of medulla and spinal cord, with or without dural graft (eg, Arnold-Chiari malformation) |  |  |
| 61345 | Other cranial decompression, posterior fossa |  |  |
| 61440 | Craniotomy for section of tentorium cerebelli (separate procedure) |  |  |
| 61450 | Craniectomy, subtemporal, for section, compression, or decompression of sensory root of gasserian ganglion |  |  |
| 61458 | Craniectomy, suboccipital; for exploration or decompression of cranial nerves |  |  |
| 61460 | Craniectomy, suboccipital; for section of 1 or more cranial nerves |  |  |
| 61470 | Craniectomy, suboccipital; for medullary tractotomy |  |  |
| 61480 | Craniectomy, suboccipital; for mesencephalic tractotomy or pedunculotomy |  |  |
| 61490 | Craniotomy for lobotomy, including cingulotomy |  |  |
| 61500 | Craniectomy; with excision of tumor or other bone lesion of skull |  |  |
| 61501 | Craniectomy; for osteomyelitis |  |  |
| 61510 | Craniectomy, trephination, bone flap craniotomy; for excision of brain tumor, supratentorial, except meningioma |  |  |
| 61512 | Craniectomy, trephination, bone flap craniotomy; for excision of meningioma, supratentorial |  |  |
| 61514 | Craniectomy, trephination, bone flap craniotomy; for excision of brain abscess, supratentorial |  |  |
| 61516 | Craniectomy, trephination, bone flap craniotomy; for excision or fenestration of cyst, supratentorial |  |  |
| 61517 | Implantation of brain intracavitary chemotherapy agent (List separately in addition to code for primary procedure) |  |  |
| 61518 | Craniectomy for excision of brain tumor, infratentorial or posterior fossa; except meningioma, cerebellopontine angle tumor, or midline tumor at base of skull |  |  |
| 61519 | Craniectomy for excision of brain tumor, infratentorial or posterior fossa; meningioma |  |  |
| 61520 | Craniectomy for excision of brain tumor, infratentorial or posterior fossa; cerebellopontine angle tumor |  |  |
| 61521 | Craniectomy for excision of brain tumor, infratentorial or posterior fossa; midline tumor at base of skull |  |  |
| 61522 | Craniectomy, infratentorial or posterior fossa; for excision of brain abscess |  |  |
| 61524 | Craniectomy, infratentorial or posterior fossa; for excision or fenestration of cyst |  |  |
| 61526 | Craniectomy, bone flap craniotomy, transtemporal (mastoid) for excision of cerebellopontine angle tumor; |  |  |
| 61530 | Craniectomy, bone flap craniotomy, transtemporal (mastoid) for excision of cerebellopontine angle tumor; combined with middle/posterior fossa craniotomy/craniectomy |  |  |
| 61531 | Subdural implantation of strip electrodes through 1 or more burr or trephine hole(s) for long-term seizure monitoring |  |  |
| 61533 | Craniotomy with elevation of bone flap; for subdural implantation of an electrode array, for long-term seizure monitoring |  |  |
| 61534 | Craniotomy with elevation of bone flap; for excision of epileptogenic focus without electrocorticography during surgery |  |  |
| 61535 | Craniotomy with elevation of bone flap; for removal of epidural or subdural electrode array, without excision of cerebral tissue (separate procedure) |  |  |
| 61536 | Craniotomy with elevation of bone flap; for excision of cerebral epileptogenic focus, with electrocorticography during surgery (includes removal of electrode array) |  |  |
| 61537 | Craniotomy with elevation of bone flap; for lobectomy, temporal lobe, without electrocorticography during surgery |  |  |
| 61538 | Craniotomy with elevation of bone flap; for lobectomy, temporal lobe, with electrocorticography during surgery |  |  |
| 61539 | Craniotomy with elevation of bone flap; for lobectomy, other than temporal lobe, partial or total, with electrocorticography during surgery |  |  |
| 61540 | Craniotomy with elevation of bone flap; for lobectomy, other than temporal lobe, partial or total, without electrocorticography during surgery |  |  |
| 61541 | Craniotomy with elevation of bone flap; for transection of corpus callosum |  |  |
| 61542 | Craniotomy with elevation of bone flap; for total hemispherectomy |  |  |
| 61543 | Craniotomy with elevation of bone flap; for partial or subtotal (functional) hemispherectomy |  |  |
| 61544 | Craniotomy with elevation of bone flap; for excision or coagulation of choroid plexus |  |  |
| 61545 | Craniotomy with elevation of bone flap; for excision of craniopharyngioma |  |  |
| 61546 | Craniotomy for hypophysectomy or excision of pituitary tumor, intracranial approach |  |  |
| 61548 | Hypophysectomy or excision of pituitary tumor, transnasal or transseptal approach, nonstereotactic |  |  |
| 61563 | Excision, intra and extracranial, benign tumor of cranial bone (eg, fibrous dysplasia); without optic nerve decompression |  |  |
| 61564 | Excision, intra and extracranial, benign tumor of cranial bone (eg, fibrous dysplasia); with optic nerve decompression |  |  |
| 61566 | Craniotomy with elevation of bone flap; for selective amygdalohippocampectomy |  |  |
| 61567 | Craniotomy with elevation of bone flap; for multiple subpial transections, with electrocorticography during surgery |  |  |
| 61570 | Craniectomy or craniotomy; with excision of foreign body from brain |  |  |
| 61571 | Craniectomy or craniotomy; with treatment of penetrating wound of brain |  |  |
| 61575 | Transoral approach to skull base, brain stem or upper spinal cord for biopsy, decompression or excision of lesion; |  |  |
| 61576 | Transoral approach to skull base, brain stem or upper spinal cord for biopsy, decompression or excision of lesion; requiring splitting of tongue and/or mandible (including tracheostomy) |  |  |
| 61580 | Craniofacial approach to anterior cranial fossa; extradural, including lateral rhinotomy, ethmoidectomy, sphenoidectomy, without maxillectomy or orbital exenteration |  |  |
| 61581 | Craniofacial approach to anterior cranial fossa; extradural, including lateral rhinotomy, orbital exenteration, ethmoidectomy, sphenoidectomy and/or maxillectomy |  |  |
| 61582 | Craniofacial approach to anterior cranial fossa; extradural, including unilateral or bifrontal craniotomy, elevation of frontal lobe(s), osteotomy of base of anterior cranial fossa |  |  |
| 61583 | Craniofacial approach to anterior cranial fossa; intradural, including unilateral or bifrontal craniotomy, elevation or resection of frontal lobe, osteotomy of base of anterior cranial fossa |  |  |
| 61584 | Orbitocranial approach to anterior cranial fossa, extradural, including supraorbital ridge osteotomy and elevation of frontal and/or temporal lobe(s); without orbital exenteration |  |  |
| 61585 | Orbitocranial approach to anterior cranial fossa, extradural, including supraorbital ridge osteotomy and elevation of frontal and/or temporal lobe(s); with orbital exenteration |  |  |
| 61586 | Bicoronal, transzygomatic and/or LeFort I osteotomy approach to anterior cranial fossa with or without internal fixation, without bone graft |  |  |
| 61590 | Infratemporal pre-auricular approach to middle cranial fossa (parapharyngeal space, infratemporal and midline skull base, nasopharynx), with or without disarticulation of the mandible, including parotidectomy, craniotomy, decompression and/or mobilization of the facial nerve and/or petrous carotid artery |  |  |
| 61591 | Infratemporal post-auricular approach to middle cranial fossa (internal auditory meatus, petrous apex, tentorium, cavernous sinus, parasellar area, infratemporal fossa) including mastoidectomy, resection of sigmoid sinus, with or without decompression and/or mobilization of contents of auditory canal or petrous carotid artery |  |  |
| 61592 | Orbitocranial zygomatic approach to middle cranial fossa (cavernous sinus and carotid artery, clivus, basilar artery or petrous apex) including osteotomy of zygoma, craniotomy, extra- or intradural elevation of temporal lobe |  |  |
| 61595 | Transtemporal approach to posterior cranial fossa, jugular foramen or midline skull base, including mastoidectomy, decompression of sigmoid sinus and/or facial nerve, with or without mobilization |  |  |
| 61596 | Transcochlear approach to posterior cranial fossa, jugular foramen or midline skull base, including labyrinthectomy, decompression, with or without mobilization of facial nerve and/or petrous carotid artery |  |  |
| 61597 | Transcondylar (far lateral) approach to posterior cranial fossa, jugular foramen or midline skull base, including occipital condylectomy, mastoidectomy, resection of C1-C3 vertebral body(s), decompression of vertebral artery, with or without mobilization |  |  |
| 61598 | Transpetrosal approach to posterior cranial fossa, clivus or foramen magnum, including ligation of superior petrosal sinus and/or sigmoid sinus |  |  |
| 61600 | Resection or excision of neoplastic, vascular or infectious lesion of base of anterior cranial fossa; extradural |  |  |
| 61601 | Resection or excision of neoplastic, vascular or infectious lesion of base of anterior cranial fossa; intradural, including dural repair, with or without graft |  |  |
| 61605 | Resection or excision of neoplastic, vascular or infectious lesion of infratemporal fossa, parapharyngeal space, petrous apex; extradural |  |  |
| 61606 | Resection or excision of neoplastic, vascular or infectious lesion of infratemporal fossa, parapharyngeal space, petrous apex; intradural, including dural repair, with or without graft |  |  |
| 61607 | Resection or excision of neoplastic, vascular or infectious lesion of parasellar area, cavernous sinus, clivus or midline skull base; extradural |  |  |
| 61608 | Resection or excision of neoplastic, vascular or infectious lesion of parasellar area, cavernous sinus, clivus or midline skull base; intradural, including dural repair, with or without graft |  |  |
| 61615 | Resection or excision of neoplastic, vascular or infectious lesion of base of posterior cranial fossa, jugular foramen, foramen magnum, or C1-C3 vertebral bodies; extradural |  |  |
| 61616 | Resection or excision of neoplastic, vascular or infectious lesion of base of posterior cranial fossa, jugular foramen, foramen magnum, or C1-C3 vertebral bodies; intradural, including dural repair, with or without graft |  |  |
| 62161 | Neuroendoscopy, intracranial; with dissection of adhesions, fenestration of septum pellucidum or intraventricular cysts (including placement, replacement, or removal of ventricular catheter) |  |  |
| 62162 | Neuroendoscopy, intracranial; with fenestration or excision of colloid cyst, including placement of external ventricular catheter for drainage |  |  |
| 62163 | Neuroendoscopy, intracranial; with retrieval of foreign body |  |  |
| 62164 | Neuroendoscopy, intracranial; with excision of brain tumor, including placement of external ventricular catheter for drainage |  |  |
| 62165 | Neuroendoscopy, intracranial; with excision of pituitary tumor, transnasal or trans-sphenoidal approach |  | Percutaneous lysis of epidural adhesions using solution injection (eg, hypertonic saline, enzyme) or mechanical means (eg, catheter) including radiologic localization (includes contrast when administered), multiple adhesiolysis sessions; codes: 62263, 62264 |