

## DC1 Adult craniotomy-brain tumor

### Extra-Axial

61500	Craniectomy; with excision of tumor or other bone lesion of skull
61512	Craniectomy, trephination, bone flap craniotomy; for excision of meningioma, supratentorial
61519	Craniectomy for excision of brain tumor, infratentorial or posterior fossa; meningioma
61600	Resection or excision of neoplastic, vascular or infectious lesion of base of anterior cranial fossa; extradural

### Biopsy

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
61332	Exploration of orbit (transcranial approach); with biopsy

### Intra-Axial

61510	Craniectomy, trephination, bone flap craniotomy; for excision of brain tumor, supratentorial, except meningioma
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### Skull Base and Other

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
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
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
61601	Resection or excision of neoplastic, vascular or infectious lesion of base of anterior cranial fossa; intradural, including dural repair, with or without graft

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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
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
61333	Exploration of orbit (transcranial approach); with removal of lesion
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
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
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
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
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/
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
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
62164	Neuroendoscopy, intracranial; with excision of brain tumor, including placement of external ventricular catheter for drainage

## DC2 Adult craniotomy-trauma

### Other

61120	Burr hole(s) for ventricular puncture (including injection of gas, contrast media, dye, or radioactive material)
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
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)
61334	Exploration of orbit (transcranial approach); with removal of foreign body

### Cranioplasty

61316	Incision and subcutaneous placement of cranial bone graft (List separately in addition to code for primary procedure)
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
62148	Incision and retrieval of subcutaneous cranial bone graft for cranioplasty (List separately in addition to code for primary procedure)
61316	Incision and subcutaneous placement of cranial bone graft (List separately in addition to code for primary procedure)
61330	Decompression of orbit only, transcranial approach
61501	Craniectomy; for osteomyelitis

### Depressed Skull Fracture or Extra-Axial Hematoma

61322	Craniectomy or craniotomy, decompressive, with or without duraplasty, for treatment of intracranial hypertension, without evacuation of associated intraparenchymal hematoma; without lobectomy
21343	Open treatment of depressed frontal sinus fracture
21344	Open treatment of complicated (eg, comminuted or involving posterior wall) frontal sinus fracture, via coronal or multiple approaches

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61108	Twist drill hole(s) for subdural, intracerebral, or ventricular puncture; for evacuation and/or drainage of subdural hematoma
61312	Craniectomy or craniotomy for evacuation of hematoma, supratentorial; extradural or subdural
61314	Craniectomy or craniotomy for evacuation of hematoma, infratentorial; extradural or subdural
62000	Elevation of depressed skull fracture; simple, extradural
62005	Elevation of depressed skull fracture; compound or comminuted, 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
<b>Craniectomy for Abscess, Contusion or Parenchymal Hematoma</b>	
61313	Craniectomy or craniotomy for evacuation of hematoma, supratentorial; intracerebral
61315	Craniectomy or craniotomy for evacuation of hematoma, infratentorial; intracerebellar
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
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
61522	Craniectomy, infratentorial or posterior fossa; for excision of brain abscess
61570	Craniectomy or craniotomy; with excision of foreign body from brain
61571	Craniectomy or craniotomy; with treatment of penetrating wound of brain
62163	Neuroendoscopy, intracranial; with retrieval of foreign body

## DC3a Adult Craniotomy for Intracranial Vascular Lesion

### Other

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
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)

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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)

**AVM**

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

**Aneurysm**

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
61613	Obliteration of carotid aneurysm, arteriovenous malformation, or carotid-cavernous fistula by dissection within cavernous sinus
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
61705	Surgery of aneurysm, vascular malformation or carotid-cavernous fistula; by intracranial and cervical occlusion of carotid artery
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

## DC3b Endovascular Therapy for Tumor or Vascular Lesion

**AVM**

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)
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)

**Aneurysm**

75894	Transcatheter therapy, embolization, any method, radiological supervision and interpretation
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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)
<b>Tumor Embo, Thrombectomy, Vasospasm and Intracranial Stenting</b>	
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 su
75896	Transcatheter therapy, infusion, any method (eg, thrombolysis other than coronary), radiological supervision and interpretation
75962	Transluminal balloon angioplasty, peripheral artery, radiological supervision and interpretation
37184	Primary percutaneous transluminal mechanical thrombectomy, noncoronary, arterial or arterial bypass graft, including fluoroscopic guidance and intraprocedural pharmacological thrombolytic injection(s); initial vessel
37185	Primary percutaneous transluminal mechanical thrombectomy, noncoronary, arterial or arterial bypass graft, including fluoroscopic guidance and intraprocedural pharmacological thrombolytic injection(s); second and all subsequent vessel(s) within the same va
37186	Secondary percutaneous transluminal thrombectomy (eg, nonprimary mechanical, snare basket, suction technique), noncoronary, arterial or arterial bypass graft, including fluoroscopic guidance and intraprocedural pharmacological thrombolytic injections, prov
37195	Thrombolysis, cerebral, by intravenous infusion
37201	Transcatheter therapy, infusion for thrombolysis other than coronary
37202	Transcatheter therapy, infusion other than for thrombolysis, any type (eg, spasmolytic, vasoconstrictive)
37204	Transcatheter occlusion or embolization (eg, for tumor destruction, to achieve hemostasis, to occlude a vascular malformation), percutaneous, any method, non-central nervous system, non-head or neck
37205	Transcatheter placement of an intravascular stent(s) (except coronary, carotid, and vertebral vessel), percutaneous; initial vessel
37206	Transcatheter placement of an intravascular stent(s) (except coronary, carotid, and vertebral vessel), percutaneous; each additional vessel (List separately in addition to code for primary procedure)
37207	Transcatheter placement of an intravascular stent(s) (non-coronary vessel), open; initial vessel
37209	Exchange of a previously placed intravascular catheter during thrombolytic therapy
37202	Transcatheter therapy, infusion other than for thrombolysis, any type (eg, spasmolytic, vasoconstrictive)
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
61640	Balloon dilatation of intracranial vasospasm, percutaneous; initial vessel
61641	Balloon dilatation of intracranial vasospasm, percutaneous; each additional vessel in same vascular family (List separately in addition to code for primary procedure)
61642	Balloon dilatation of intracranial vasospasm, percutaneous; each additional vessel in different vascular family (List separately in addition to code for primary procedure)

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61630	Balloon angioplasty, intracranial (eg, atherosclerotic stenosis), percutaneous
61635	Transcatheter placement of intravascular stent(s), intracranial (eg, atherosclerotic stenosis), including balloon angioplasty, if performed
61640	Balloon dilatation of intracranial vasospasm, percutaneous; initial vessel
61641	Balloon dilatation of intracranial vasospasm, percutaneous; each additional vessel in same vascular family (List separately in addition to code for primary procedure)
61642	Balloon dilatation of intracranial vasospasm, percutaneous; each additional vessel in different vascular family (List separately in addition to code for primary procedure)
75894	Transcatheter therapy, embolization, any method, radiological supervision and interpretation
75896	Transcatheter therapy, infusion, any method (eg, thrombolysis other than coronary), radiological supervision and interpretation
75896	Transcatheter therapy, infusion, any method (eg, thrombolysis other than coronary), radiological supervision and interpretation
75898	Angiography through existing catheter for follow-up study for transcatheter therapy, embolization or infusion

## DC4 Adult craniotomy-pain

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 one or more cranial nerves
61470	Craniectomy, suboccipital; for medullary tractotomy
61480	Craniectomy, suboccipital; for mesencephalic tractotomy or pedunculotomy

## DC5 Adult cranial-transphenoidal-sellar/parasellar tumors

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
31290	Nasal/sinus endoscopy, surgical, with repair of cerebrospinal fluid leak; ethmoid region
31291	Nasal/sinus endoscopy, surgical, with repair of cerebrospinal fluid leak; sphenoid region
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
61575	Transoral approach to skull base, brain stem or upper spinal cord for biopsy, decompression or excision of lesion;

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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)
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 occip)
62165	Neuroendoscopy, intracranial; with excision of pituitary tumor, transnasal or trans-sphenoidal approach

## DC6 Adult cranial-extracranial vascular procedures

### Bypass, CEA, Ligation

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)
37215	Transcatheter placement of intravascular stent(s), cervical carotid artery, percutaneous; with distal embolic protection
37216	Transcatheter placement of intravascular stent(s), cervical carotid artery, percutaneous; without distal embolic protection
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 su
34001	Embolectomy or thrombectomy, with or without catheter; carotid, subclavian or innominate artery, by neck incision
35001	Direct repair of aneurysm, pseudoaneurysm, or excision (partial or total) and graft insertion, with or without patch graft; for aneurysm and associated occlusive disease, carotid, subclavian artery, by neck incision
35002	Direct repair of aneurysm, pseudoaneurysm, or excision (partial or total) and graft insertion, with or without patch graft; for ruptured aneurysm, carotid, subclavian artery, by neck incision
35005	Direct repair of aneurysm, pseudoaneurysm, or excision (partial or total) and graft insertion, with or without patch graft; for aneurysm, pseudoaneurysm, and associated occlusive disease, vertebral artery
35180	Repair, congenital arteriovenous fistula; head and neck
35188	Repair, acquired or traumatic arteriovenous fistula; head and neck
35201	Repair blood vessel, direct; neck
35231	Repair blood vessel with vein graft; neck

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35261	Repair blood vessel with graft other than vein; neck
35301	Thromboendarterectomy, including patch graft, if performed; carotid, vertebral, subclavian, by neck incision
35390	Reoperation, carotid, thromboendarterectomy, more than one month after original operation (List separately in addition to code for primary procedure)
35501	Bypass graft, with vein; common carotid-ipsilateral internal carotid
35506	Bypass graft, with vein; carotid-subclavian or subclavian-carotid
35508	Bypass graft, with vein; carotid-vertebral
35509	Bypass graft, with vein; carotid-contralateral carotid
35510	Bypass graft, with vein; carotid-brachial
35515	Bypass graft, with vein; subclavian-vertebral
35526	Bypass graft, with vein; aortosubclavian or carotid
35601	Bypass graft, with other than vein; common carotid-ipsilateral internal carotid
35606	Bypass graft, with other than vein; carotid-subclavian
35626	Bypass graft, with other than vein; aortosubclavian or carotid
35642	Bypass graft, with other than vein; carotid-vertebral
35645	Bypass graft, with other than vein; subclavian-vertebral
35691	Transposition and/or reimplantation; vertebral to carotid artery
35693	Transposition and/or reimplantation; vertebral to subclavian artery
35694	Transposition and/or reimplantation; subclavian to carotid artery
35695	Transposition and/or reimplantation; carotid to subclavian artery
35701	Exploration (not followed by surgical repair), with or without lysis of artery; carotid artery
35800	Exploration for postoperative hemorrhage, thrombosis or infection; neck
35875	Thrombectomy of arterial or venous graft (other than hemodialysis graft or fistula);
37215	Transcatheter placement of intravascular stent(s), cervical carotid artery, percutaneous; with distal embolic protection
37216	Transcatheter placement of intravascular stent(s), cervical carotid artery, percutaneous; without distal embolic protection
37565	Ligation, internal jugular vein
37600	Ligation; external carotid artery
37605	Ligation; internal or common carotid artery
37606	Ligation; internal or common carotid artery, with gradual occlusion, as with Selverstone or Crutchfield clamp
37609	Ligation or biopsy, temporal artery
37615	Ligation, major artery (eg, post-traumatic, rupture); neck
60600	Excision of carotid body tumor; without excision of carotid artery

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60605	Excision of carotid body tumor; with excision of carotid artery
61711	Anastomosis, arterial, extracranial-intracranial (eg, middle cerebral/cortical) arteries
61711	Anastomosis, arterial, extracranial-intracranial (eg, middle cerebral/cortical) arteries
<b>Endovascular (CAS)</b>	
0075T	Transcatheter placement of extracranial vertebral or intrathoracic carotid artery stent(s), including radiologic supervision and interpretation, percutaneous; initial vessel
0076T	Transcatheter placement of extracranial vertebral or intrathoracic carotid artery stent(s), including radiologic supervision and interpretation, percutaneous; each additional vessel (List separately in addition to code for primary procedure)
35475	Transluminal balloon angioplasty, percutaneous; brachiocephalic trunk or branches, each vessel
35476	Transluminal balloon angioplasty, percutaneous; venous

## DC7 Adult radiosurgery

61795	Stereotactic computer-assisted volumetric (navigational) procedure, intracranial, extracranial, or spinal (List separately in addition to code for primary procedure)
61770	Stereotactic localization, including burr hole(s), with insertion of catheter(s) or probe(s) for placement of radiation source
61795	Stereotactic computer-assisted volumetric (navigational) procedure, intracranial, extracranial, or spinal (List separately in addition to code for primary procedure)
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)
63600	Creation of lesion of spinal cord by stereotactic method, percutaneous, any modality (including stimulation and/or recording)
63620	Stereotactic radiosurgery (particle beam, gamma ray, or linear accelerator); 1 spinal lesion
63621	Stereotactic radiosurgery (particle beam, gamma ray, or linear accelerator); each additional spinal lesion (List separately in addition to code for primary procedure)
76376	3D rendering with interpretation and reporting of computed tomography, magnetic resonance imaging, ultrasound, or other tomographic modality; not requiring image postprocessing on an independent workstation
76377	3D rendering with interpretation and reporting of computed tomography, magnetic resonance imaging, ultrasound, or other tomographic modality; requiring image postprocessing on an independent workstation
77432	Stereotactic radiation treatment management of cranial lesion(s) (complete course of treatment consisting of 1 session)

0197T	Intra-fraction localization and tracking of target or patient motion during delivery of radiation therapy (eg, 3D positional tracking, gating, 3D surface tracking), each fraction of treatment
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## DC8 Adult functional procedures

### Vagal Nerve Stimulation

64573	Incision for implantation of neurostimulator electrodes; cranial nerve
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### Stimulation for Pain

63610	Stereotactic stimulation of spinal cord, percutaneous, separate procedure not followed by other surgery
63650	Percutaneous implantation of neurostimulator electrode array, epidural
63655	Laminectomy for implantation of neurostimulator electrodes, plate/paddle, epidural
63660	Revision or removal of spinal neurostimulator electrode percutaneous array(s) or plate/paddle(s)
63685	Insertion or replacement of spinal neurostimulator pulse generator or receiver, direct or inductive coupling
63688	Revision or removal of implanted spinal neurostimulator pulse generator or receiver
63661	Removal of spinal neurostimulator electrode percutaneous array(s), including fluoroscopy, when performed
63662	Removal of spinal neurostimulator electrode plate/paddle(s) placed via laminotomy or laminectomy, including fluoroscopy, when performed
63663	Revision including replacement, when performed, of spinal neurostimulator electrode percutaneous array(s), including fluoroscopy, when performed
63664	Revision including replacement, when performed, of spinal neurostimulator electrode plate/paddle(s) placed via laminotomy or laminectomy, including fluoroscopy, when performed
64561	Percutaneous implantation of neurostimulator electrodes; sacral nerve (transforaminal placement)
64565	Percutaneous implantation of neurostimulator electrodes; neuromuscular
64553	Percutaneous implantation of neurostimulator electrodes; cranial nerve

### DBS or Lesioning

61720	Creation of lesion by stereotactic method, including burr hole(s) and localizing and recording techniques, single or multiple stages; globus pallidus or thalamus
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
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 two or more electrode arrays

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61888	Revision or removal of cranial neurostimulator pulse generator or receiver
<b>Cordotomy/Rhizotomy</b>	
63185	Laminectomy with rhizotomy; 1 or 2 segments
63190	Laminectomy with rhizotomy; more than 2 segments
63191	Laminectomy with section of spinal accessory nerve
63194	Laminectomy with cordotomy, with section of 1 spinothalamic tract, 1 stage; cervical
63195	Laminectomy with cordotomy, with section of 1 spinothalamic tract, 1 stage; thoracic
63196	Laminectomy with cordotomy, with section of both spinothalamic tracts, 1 stage; cervical
63197	Laminectomy with cordotomy, with section of both spinothalamic tracts, 1 stage; thoracic
63198	Laminectomy with cordotomy with section of both spinothalamic tracts, 2 stages within 14 days; cervical
63199	Laminectomy with cordotomy with section of both spinothalamic tracts, 2 stages within 14 days; thoracic
63170	Laminectomy with myelotomy (eg, Bischof or DREZ type), cervical, thoracic, or thoracolumbar
<b>Sympathectomy</b>	
32664	Thoracoscopy, surgical; with thoracic sympathectomy
21616	Excision first and/or cervical rib; with sympathectomy
64802	Sympathectomy, cervical
64804	Sympathectomy, cervicothoracic
64809	Sympathectomy, thoracolumbar
64818	Sympathectomy, lumbar
64820	Sympathectomy; digital arteries, each digit
64821	Sympathectomy; radial artery
64822	Sympathectomy; ulnar artery
64823	Sympathectomy; superficial palmar arch
<b>Intrathecal and Implantable Pumps</b>	
62360	Implantation or replacement of device for intrathecal or epidural drug infusion; subcutaneous reservoir
62361	Implantation or replacement of device for intrathecal or epidural drug infusion; nonprogrammable pump
62362	Implantation or replacement of device for intrathecal or epidural drug infusion; programmable pump, including preparation of pump, with or without programming
62365	Removal of subcutaneous reservoir or pump, previously implanted for intrathecal or epidural infusion
64560	Percutaneous implantation of neurostimulator electrodes; autonomic nerve
64575	Incision for implantation of neurostimulator electrodes; peripheral nerve (excludes sacral nerve)

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64577	Incision for implantation of neurostimulator electrodes; autonomic nerve
64580	Incision for implantation of neurostimulator electrodes; neuromuscular
64581	Incision for implantation of neurostimulator electrodes; sacral nerve (transforaminal placement)
64585	Revision or removal of peripheral neurostimulator electrodes
64590	Insertion or replacement of peripheral or gastric neurostimulator pulse generator or receiver, direct or inductive coupling
64595	Revision or removal of peripheral or gastric neurostimulator pulse generator or receiver
64612	Chemodenervation of muscle(s); muscle(s) innervated by facial nerve (eg, for blepharospasm, hemifacial spasm)
64613	Chemodenervation of muscle(s); neck muscle(s) (eg, for spasmodic torticollis, spasmodic dysphonia)
64614	Chemodenervation of muscle(s); extremity(s) and/or trunk muscle(s) (eg, for dystonia, cerebral palsy, multiple sclerosis)
<b>Other Adult Functional Procedures</b>	
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
64600	Destruction by neurolytic agent, trigeminal nerve; supraorbital, infraorbital, mental, or inferior alveolar branch
64605	Destruction by neurolytic agent, trigeminal nerve; second and third division branches at foramen ovale
64610	Destruction by neurolytic agent, trigeminal nerve; second and third division branches at foramen ovale under radiologic monitoring
11981	Insertion, non-biodegradable drug delivery implant
11982	Removal, non-biodegradable drug delivery implant
11983	Removal with reinsertion, non-biodegradable drug delivery implant
0266T	Implantation or replacement of carotid sinus baroreflex activation device; total system (includes generator placement, unilateral or bilateral lead placement, intra-operative interrogation, programming, and repositioning, when performed)
0267T	Implantation or replacement of carotid sinus baroreflex activation device; lead only, unilateral (includes intra-operative interrogation, programming, and repositioning, when performed)
0268T	Implantation or replacement of carotid sinus baroreflex activation device; pulse generator only (includes intra-operative interrogation, programming, and repositioning, when performed)
0269T	Revision or removal of carotid sinus baroreflex activation device; total system (includes generator placement, unilateral or bilateral lead placement, intra-operative interrogation, programming, and repositioning, when performed)
0270T	Revision or removal of carotid sinus baroreflex activation device; lead only, unilateral (includes intra-operative interrogation, programming, and repositioning, when performed)
0271T	Revision or removal of carotid sinus baroreflex activation device; pulse generator only (includes intra-operative interrogation, programming, and repositioning, when performed)

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0283T	Percutaneous or open implantation of neurostimulator electrode array(s), subcutaneous (peripheral subcutaneous field stimulation), including imaging guidance, when performed, cervical, thoracic or lumbar; permanent, with implantation of a pulse generator
0284T	Revision or removal of pulse generator or electrodes, including imaging guidance, when performed, including addition of new electrodes, when performed
0285T	Electronic analysis of implanted peripheral subcutaneous field stimulation pulse generator, with reprogramming when performed

## DC9 Adult VP shunt

<b>VPS</b>	
62223	Creation of shunt; ventriculo-peritoneal, -pleural, other terminus
62225	Replacement or irrigation, ventricular catheter
62230	Replacement or revision of cerebrospinal fluid shunt, obstructed valve, or distal catheter in shunt system
62256	Removal of complete cerebrospinal fluid shunt system; without replacement
62258	Removal of complete cerebrospinal fluid shunt system; with replacement by similar or other shunt at same operation
<b>ETV</b>	
62201	Ventriculocisternostomy, third ventricle; stereotactic, neuroendoscopic method
62200	Ventriculocisternostomy, third ventricle;
<b>Other CSF Diversion</b>	
61544	Craniotomy with elevation of bone flap; for excision or coagulation of choroid plexus
62160	Neuroendoscopy, intracranial, for placement or replacement of ventricular catheter and attachment to shunt system or external drainage (List separately in addition to code for primary procedure)
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
62180	Ventriculocisternostomy (Torkildsen type operation)
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
62220	Creation of shunt; ventriculo-atrial, -jugular, -auricular
63740	Creation of shunt, lumbar, subarachnoid-peritoneal, -pleural, or other; including laminectomy
63741	Creation of shunt, lumbar, subarachnoid-peritoneal, -pleural, or other; percutaneous, not requiring laminectomy
63744	Replacement, irrigation or revision of lumbosubarachnoid shunt

63746	Removal of entire lumbosubarachnoid shunt system without replacement
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## DC10 Adult spinal-Anterior Cervical Approaches for Decompression/Stabilization

22548	Arthrodesis, anterior transoral or extraoral technique, clivus-C1-C2 (atlas-axis), with or without excision of odontoid process
22554	Arthrodesis, anterior interbody technique, including minimal discectomy to prepare interspace (other than for decompression); cervical below C2
63078	Discectomy, anterior, with decompression of spinal cord and/or nerve root(s), including osteophyctomy; thoracic, each additional interspace (List separately in addition to code for primary procedure)
63081	Vertebral corpectomy (vertebral body resection), partial or complete, anterior approach with decompression of spinal cord and/or nerve root(s); cervical, single segment
63082	Vertebral corpectomy (vertebral body resection), partial or complete, anterior approach with decompression of spinal cord and/or nerve root(s); cervical, each additional segment (List separately in addition to code for primary procedure)
22551	Arthrodesis, anterior interbody, including disc space preparation, discectomy, osteophyctomy and decompression of spinal cord and/or nerve roots; cervical below C2
22552	Arthrodesis, anterior interbody, including disc space preparation, discectomy, osteophyctomy and decompression of spinal cord and/or nerve roots; cervical below C2, each additional interspace (List separately in addition to code for separate procedure)
63300	Vertebral corpectomy (vertebral body resection), partial or complete, for excision of intraspinal lesion, single segment; extradural, cervical
22220	Osteotomy of spine, including discectomy, anterior approach, single vertebral segment; cervical
63304	Vertebral corpectomy (vertebral body resection), partial or complete, for excision of intraspinal lesion, single segment; intradural, cervical
63075	Discectomy, anterior, with decompression of spinal cord and/or nerve root(s), including osteophyctomy; cervical, single interspace
63076	Discectomy, anterior, with decompression of spinal cord and/or nerve root(s), including osteophyctomy; cervical, each additional interspace (List separately in addition to code for primary procedure)

## DC11 Adult spinal-Posterior Cervical Approaches for Decompression/Stabilization and Cranio-Cervical Junction

22326	Open treatment and/or reduction of vertebral fracture(s) and/or dislocation(s), posterior approach, one fractured vertebra or dislocated segment; cervical
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22318	Open treatment and/or reduction of odontoid fracture(s) and or dislocation(s) (including os odontoideum), anterior approach, including placement of internal fixation; without grafting
22319	Open treatment and/or reduction of odontoid fracture(s) and or dislocation(s) (including os odontoideum), anterior approach, including placement of internal fixation; with grafting
22590	Arthrodesis, posterior technique, craniocervical (occiput-C2)
22595	Arthrodesis, posterior technique, atlas-axis (C1-C2)
22600	Arthrodesis, posterior or posterolateral technique, single level; cervical below C2 segment
63020	Laminotomy (hemilaminectomy), with decompression of nerve root(s), including partial facetectomy, foraminotomy and/or excision of herniated intervertebral disc, including open and endoscopically-assisted approaches; 1 interspace, cervical
63035	Laminotomy (hemilaminectomy), with decompression of nerve root(s), including partial facetectomy, foraminotomy and/or excision of herniated intervertebral disc, including open and endoscopically-assisted approaches; each additional interspace, cervical or
63040	Laminotomy (hemilaminectomy), with decompression of nerve root(s), including partial facetectomy, foraminotomy and/or excision of herniated intervertebral disc, reexploration, single interspace; cervical
63043	Laminotomy (hemilaminectomy), with decompression of nerve root(s), including partial facetectomy, foraminotomy and/or excision of herniated intervertebral disc, reexploration, single interspace; each additional cervical interspace (List separately in addit
63045	Laminectomy, facetectomy and foraminotomy (unilateral or bilateral with decompression of spinal cord, cauda equina and/or nerve root[s], [eg, spinal or lateral recess stenosis]), single vertebral segment; cervical
63046	Laminectomy, facetectomy and foraminotomy (unilateral or bilateral with decompression of spinal cord, cauda equina and/or nerve root[s], [eg, spinal or lateral recess stenosis]), single vertebral segment; thoracic
63050	Laminoplasty, cervical, with decompression of the spinal cord, two or more vertebral segments;
63051	Laminoplasty, cervical, with decompression of the spinal cord, two or more vertebral segments; with reconstruction of the posterior bony elements (including the application of bridging bone graft and non-segmental fixation devices (eg, wire, suture, mini-p
22633	Arthrodesis, combined posterior or posterolateral technique with posterior interbody technique including laminectomy and/or discectomy sufficient to prepare interspace (other than for decompression), single interspace and segment; lumbar
63001	Laminectomy with exploration and/or decompression of spinal cord and/or cauda equina, without facetectomy, foraminotomy or discectomy (eg, spinal stenosis), 1 or 2 vertebral segments; cervical
63015	Laminectomy with exploration and/or decompression of spinal cord and/or cauda equina, without facetectomy, foraminotomy or discectomy (eg, spinal stenosis), more than 2 vertebral segments; cervical
22210	Osteotomy of spine, posterior or posterolateral approach, one vertebral segment; cervical

## DC12 Adult spinal-lumbar discectomy

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63005	Laminectomy with exploration and/or decompression of spinal cord and/or cauda equina, without facetectomy, foraminotomy or discectomy (eg, spinal stenosis), 1 or 2 vertebral segments; lumbar, except for spondylolisthesis
63011	Laminectomy with exploration and/or decompression of spinal cord and/or cauda equina, without facetectomy, foraminotomy or discectomy (eg, spinal stenosis), 1 or 2 vertebral segments; sacral
63012	Laminectomy with removal of abnormal facets and/or pars inter-articularis with decompression of cauda equina and nerve roots for spondylolisthesis, lumbar (Gill type procedure)
63017	Laminectomy with exploration and/or decompression of spinal cord and/or cauda equina, without facetectomy, foraminotomy or discectomy (eg, spinal stenosis), more than 2 vertebral segments; lumbar
63030	Laminotomy (hemilaminectomy), with decompression of nerve root(s), including partial facetectomy, foraminotomy and/or excision of herniated intervertebral disc, including open and endoscopically-assisted approaches; 1 interspace, lumbar
63042	Laminotomy (hemilaminectomy), with decompression of nerve root(s), including partial facetectomy, foraminotomy and/or excision of herniated intervertebral disc, reexploration, single interspace; lumbar
63044	Laminotomy (hemilaminectomy), with decompression of nerve root(s), including partial facetectomy, foraminotomy and/or excision of herniated intervertebral disc, reexploration, single interspace; each additional lumbar interspace (List separately in additio
63047	Laminectomy, facetectomy and foraminotomy (unilateral or bilateral with decompression of spinal cord, cauda equina and/or nerve root[s], [eg, spinal or lateral recess stenosis]), single vertebral segment; lumbar
63048	Laminectomy, facetectomy and foraminotomy (unilateral or bilateral with decompression of spinal cord, cauda equina and/or nerve root[s], [eg, spinal or lateral recess stenosis]), single vertebral segment; each additional segment, cervical, thoracic, or lum
63056	Transpedicular approach with decompression of spinal cord, equina and/or nerve root(s) (eg, herniated intervertebral disc), single segment; lumbar (including transfacet, or lateral extraforaminal approach) (eg, far lateral herniated intervertebral disc)

## DC13 Adult spinal-thoracic/lumbar instrumentation fusion

20930	Allograft for spine surgery only; morselized (List separately in addition to code for primary procedure)
20931	Allograft for spine surgery only; structural (List separately in addition to code for primary procedure)
20936	Autograft for spine surgery only (includes harvesting the graft); local (eg, ribs, spinous process, or lamina fragments) obtained from same incision (List separately in addition to code for primary procedure)
20937	Autograft for spine surgery only (includes harvesting the graft); morselized (through separate skin or fascial incision) (List separately in addition to code for primary procedure)
20938	Autograft for spine surgery only (includes harvesting the graft); structural, bicortical or tricortical (through separate skin or fascial incision) (List separately in addition to code for primary procedure)

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20938	Autograft for spine surgery only (includes harvesting the graft); structural, bicortical or tricortical (through separate skin or fascial incision) (List separately in addition to code for primary procedure)
22325	Open treatment and/or reduction of vertebral fracture(s) and/or dislocation(s), posterior approach, one fractured vertebra or dislocated segment; lumbar
22327	Open treatment and/or reduction of vertebral fracture(s) and/or dislocation(s), posterior approach, one fractured vertebra or dislocated segment; thoracic
22328	Open treatment and/or reduction of vertebral fracture(s) and/or dislocation(s), posterior approach, one fractured vertebra or dislocated segment; each additional fractured vertebra or dislocated segment (List separately in addition to code for primary proc
22532	Arthrodesis, lateral extracavitary technique, including minimal discectomy to prepare interspace (other than for decompression); thoracic
22533	Arthrodesis, lateral extracavitary technique, including minimal discectomy to prepare interspace (other than for decompression); lumbar
22534	Arthrodesis, lateral extracavitary technique, including minimal discectomy to prepare interspace (other than for decompression); thoracic or lumbar, each additional vertebral segment (List separately in addition to code for primary procedure)
22534	Arthrodesis, lateral extracavitary technique, including minimal discectomy to prepare interspace (other than for decompression); thoracic or lumbar, each additional vertebral segment (List separately in addition to code for primary procedure)
22556	Arthrodesis, anterior interbody technique, including minimal discectomy to prepare interspace (other than for decompression); thoracic
22558	Arthrodesis, anterior interbody technique, including minimal discectomy to prepare interspace (other than for decompression); lumbar
22585	Arthrodesis, anterior interbody technique, including minimal discectomy to prepare interspace (other than for decompression); each additional interspace (List separately in addition to code for primary procedure)
22610	Arthrodesis, posterior or posterolateral technique, single level; thoracic (with or without lateral transverse technique)
22612	Arthrodesis, posterior or posterolateral technique, single level; lumbar (with or without lateral transverse technique)
22614	Arthrodesis, posterior or posterolateral technique, single level; each additional vertebral segment (List separately in addition to code for primary procedure)
22630	Arthrodesis, posterior interbody technique, including laminectomy and/or discectomy to prepare interspace (other than for decompression), single interspace; lumbar
22632	Arthrodesis, posterior interbody technique, including laminectomy and/or discectomy to prepare interspace (other than for decompression), single interspace; each additional interspace (List separately in addition to code for primary procedure)
22800	Arthrodesis, posterior, for spinal deformity, with or without cast; up to 6 vertebral segments
22802	Arthrodesis, posterior, for spinal deformity, with or without cast; 7 to 12 vertebral segments
22804	Arthrodesis, posterior, for spinal deformity, with or without cast; 13 or more vertebral segments
22808	Arthrodesis, anterior, for spinal deformity, with or without cast; 2 to 3 vertebral segments
22810	Arthrodesis, anterior, for spinal deformity, with or without cast; 4 to 7 vertebral segments
22812	Arthrodesis, anterior, for spinal deformity, with or without cast; 8 or more vertebral segments

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63016	Laminectomy with exploration and/or decompression of spinal cord and/or cauda equina, without facetectomy, foraminotomy or discectomy (eg, spinal stenosis), more than 2 vertebral segments; thoracic
63003	Laminectomy with exploration and/or decompression of spinal cord and/or cauda equina, without facetectomy, foraminotomy or discectomy (eg, spinal stenosis), 1 or 2 vertebral segments; thoracic
22818	Kyphectomy, circumferential exposure of spine and resection of vertebral segment(s) (including body and posterior elements); single or 2 segments
22819	Kyphectomy, circumferential exposure of spine and resection of vertebral segment(s) (including body and posterior elements); 3 or more segments
22830	Exploration of spinal fusion
22840	Posterior non-segmental instrumentation (eg, Harrington rod technique, pedicle fixation across one interspace, atlantoaxial transarticular screw fixation, sublaminar wiring at C1, facet screw fixation) (List separately in addition to code for primary procedure)
22841	Internal spinal fixation by wiring of spinous processes (List separately in addition to code for primary procedure)
22842	Posterior segmental instrumentation (eg, pedicle fixation, dual rods with multiple hooks and sublaminar wires); 3 to 6 vertebral segments (List separately in addition to code for primary procedure)
22843	Posterior segmental instrumentation (eg, pedicle fixation, dual rods with multiple hooks and sublaminar wires); 7 to 12 vertebral segments (List separately in addition to code for primary procedure)
22844	Posterior segmental instrumentation (eg, pedicle fixation, dual rods with multiple hooks and sublaminar wires); 13 or more vertebral segments (List separately in addition to code for primary procedure)
22845	Anterior instrumentation; 2 to 3 vertebral segments (List separately in addition to code for primary procedure)
22846	Anterior instrumentation; 4 to 7 vertebral segments (List separately in addition to code for primary procedure)
22847	Anterior instrumentation; 8 or more vertebral segments (List separately in addition to code for primary procedure)
22848	Pelvic fixation (attachment of caudal end of instrumentation to pelvic bony structures) other than sacrum (List separately in addition to code for primary procedure)
22849	Reinsertion of spinal fixation device
22850	Removal of posterior nonsegmental instrumentation (eg, Harrington rod)
22851	Application of intervertebral biomechanical device(s) (eg, synthetic cage(s), threaded bone dowel(s), methylmethacrylate) to vertebral defect or interspace (List separately in addition to code for primary procedure)
22852	Removal of posterior segmental instrumentation
22855	Removal of anterior instrumentation
63085	Vertebral corpectomy (vertebral body resection), partial or complete, transthoracic approach with decompression of spinal cord and/or nerve root(s); thoracic, single segment

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63086	Vertebral corpectomy (vertebral body resection), partial or complete, transthoracic approach with decompression of spinal cord and/or nerve root(s); thoracic, each additional segment (List separately in addition to code for primary procedure)
63087	Vertebral corpectomy (vertebral body resection), partial or complete, combined thoracolumbar approach with decompression of spinal cord, cauda equina or nerve root(s), lower thoracic or lumbar; single segment
63088	Vertebral corpectomy (vertebral body resection), partial or complete, combined thoracolumbar approach with decompression of spinal cord, cauda equina or nerve root(s), lower thoracic or lumbar; each additional segment (List separately in addition to code f
63090	Vertebral corpectomy (vertebral body resection), partial or complete, transperitoneal or retroperitoneal approach with decompression of spinal cord, cauda equina or nerve root(s), lower thoracic, lumbar, or sacral; single segment
63091	Vertebral corpectomy (vertebral body resection), partial or complete, transperitoneal or retroperitoneal approach with decompression of spinal cord, cauda equina or nerve root(s), lower thoracic, lumbar, or sacral; each additional segment (List separately
63101	Vertebral corpectomy (vertebral body resection), partial or complete, lateral extracavitary approach with decompression of spinal cord and/or nerve root(s) (eg, for tumor or retropulsed bone fragments); thoracic, single segment
63102	Vertebral corpectomy (vertebral body resection), partial or complete, lateral extracavitary approach with decompression of spinal cord and/or nerve root(s) (eg, for tumor or retropulsed bone fragments); lumbar, single segment
63103	Vertebral corpectomy (vertebral body resection), partial or complete, lateral extracavitary approach with decompression of spinal cord and/or nerve root(s) (eg, for tumor or retropulsed bone fragments); thoracic or lumbar, each additional segment (List sep
0221T	Placement of a posterior intrafacet implant(s), unilateral or bilateral, including imaging and placement of bone graft(s) or synthetic device(s), single level; lumbar
0222T	Placement of a posterior intrafacet implant(s), unilateral or bilateral, including imaging and placement of bone graft(s) or synthetic device(s), single level; each additional vertebral segment (List separately in addition to code for primary procedure)
63055	Transpedicular approach with decompression of spinal cord, equina and/or nerve root(s) (eg, herniated intervertebral disc), single segment; thoracic
63057	Transpedicular approach with decompression of spinal cord, equina and/or nerve root(s) (eg, herniated intervertebral disc), single segment; each additional segment, thoracic or lumbar (List separately in addition to code for primary procedure)
63064	Costovertebral approach with decompression of spinal cord or nerve root(s) (eg, herniated intervertebral disc), thoracic; single segment
63066	Costovertebral approach with decompression of spinal cord or nerve root(s) (eg, herniated intervertebral disc), thoracic; each additional segment (List separately in addition to code for primary procedure)
63077	Discectomy, anterior, with decompression of spinal cord and/or nerve root(s), including osteophylectomy; thoracic, single interspace
63078	Discectomy, anterior, with decompression of spinal cord and/or nerve root(s), including osteophylectomy; thoracic, each additional interspace (List separately in addition to code for primary procedure)

## DC14 Adult spinal-peripheral nerve procedures

### Neurolysis/Transposition

64727	Internal neurolysis, requiring use of operating microscope (List separately in addition to code for neuroplasty) (Neuroplasty includes external neurolysis)
64734	Transection or avulsion of; infraorbital nerve
64736	Transection or avulsion of; mental nerve
64738	Transection or avulsion of; inferior alveolar nerve by osteotomy
64740	Transection or avulsion of; lingual nerve
64742	Transection or avulsion of; facial nerve, differential or complete
64744	Transection or avulsion of; greater occipital nerve
64746	Transection or avulsion of; phrenic nerve
64752	Transection or avulsion of; vagus nerve (vagotomy), transthoracic
64755	Transection or avulsion of; vagus nerves limited to proximal stomach (selective proximal vagotomy, proximal gastric vagotomy, parietal cell vagotomy, supra- or highly selective vagotomy)
64760	Transection or avulsion of; vagus nerve (vagotomy), abdominal
64761	Transection or avulsion of; pudendal nerve
64763	Transection or avulsion of obturator nerve, extrapelvic, with or without adductor tenotomy
64766	Transection or avulsion of obturator nerve, intrapelvic, with or without adductor tenotomy
64772	Transection or avulsion of other spinal nerve, extradural

### Nerve Repair

64864	Suture of facial nerve; extracranial
64865	Suture of facial nerve; infratemporal, with or without grafting
64866	Anastomosis; facial-spinal accessory
64868	Anastomosis; facial-hypoglossal
64870	Anastomosis; facial-phrenic
64702	Neuroplasty; digital, 1 or both, same digit
64704	Neuroplasty; nerve of hand or foot
64708	Neuroplasty, major peripheral nerve, arm or leg; other than specified
64712	Neuroplasty, major peripheral nerve, arm or leg; sciatic nerve
64713	Neuroplasty, major peripheral nerve, arm or leg; brachial plexus

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64714	Neuroplasty, major peripheral nerve, arm or leg; lumbar plexus
64716	Neuroplasty and/or transposition; cranial nerve (specify)
64718	Neuroplasty and/or transposition; ulnar nerve at elbow
64719	Neuroplasty and/or transposition; ulnar nerve at wrist
64721	Neuroplasty and/or transposition; median nerve at carpal tunnel
64831	Suture of digital nerve, hand or foot; 1 nerve
64832	Suture of digital nerve, hand or foot; each additional digital nerve (List separately in addition to code for primary procedure)
64834	Suture of one nerve; hand or foot, common sensory nerve
64835	Suture of one nerve; median motor thenar
64836	Suture of one nerve; ulnar motor
64837	Suture of each additional nerve, hand or foot (List separately in addition to code for primary procedure)
64837	Suture of each additional nerve, hand or foot (List separately in addition to code for primary procedure)
64840	Suture of posterior tibial nerve
64856	Suture of major peripheral nerve, arm or leg, except sciatic; including transposition
64857	Suture of major peripheral nerve, arm or leg, except sciatic; without transposition
64858	Suture of sciatic nerve
64859	Suture of each additional major peripheral nerve (List separately in addition to code for primary procedure)
64859	Suture of each additional major peripheral nerve (List separately in addition to code for primary procedure)
64861	Suture of; brachial plexus
64862	Suture of; lumbar plexus
64872	Suture of nerve; requiring secondary or delayed suture (List separately in addition to code for primary neurorrhaphy)
64874	Suture of nerve; requiring extensive mobilization, or transposition of nerve (List separately in addition to code for nerve suture)
64876	Suture of nerve; requiring shortening of bone of extremity (List separately in addition to code for nerve suture)
64885	Nerve graft (includes obtaining graft), head or neck; up to 4 cm in length
64886	Nerve graft (includes obtaining graft), head or neck; more than 4 cm length
64890	Nerve graft (includes obtaining graft), single strand, hand or foot; up to 4 cm length
64891	Nerve graft (includes obtaining graft), single strand, hand or foot; more than 4 cm length
64892	Nerve graft (includes obtaining graft), single strand, arm or leg; up to 4 cm length
64893	Nerve graft (includes obtaining graft), single strand, arm or leg; more than 4 cm length
64895	Nerve graft (includes obtaining graft), multiple strands (cable), hand or foot; up to 4 cm length
64896	Nerve graft (includes obtaining graft), multiple strands (cable), hand or foot; more than 4 cm length
64897	Nerve graft (includes obtaining graft), multiple strands (cable), arm or leg; up to 4 cm length

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64898	Nerve graft (includes obtaining graft), multiple strands (cable), arm or leg; more than 4 cm length
64901	Nerve graft, each additional nerve; single strand (List separately in addition to code for primary procedure)
64901	Nerve graft, each additional nerve; single strand (List separately in addition to code for primary procedure)
64902	Nerve graft, each additional nerve; multiple strands (cable) (List separately in addition to code for primary procedure)
64902	Nerve graft, each additional nerve; multiple strands (cable) (List separately in addition to code for primary procedure)
64905	Nerve pedicle transfer; first stage
64907	Nerve pedicle transfer; second stage
<b>Peripheral Nerve tumor</b>	
64788	Excision of neurofibroma or neurolemmoma; cutaneous nerve
64790	Excision of neurofibroma or neurolemmoma; major peripheral nerve
64792	Excision of neurofibroma or neurolemmoma; extensive (including malignant type)
<b>Other Peripheral Nerve Procedures</b>	
20526	Injection, therapeutic (eg, local anesthetic, corticosteroid), carpal tunnel
20552	Injection(s); single or multiple trigger point(s), 1 or 2 muscle(s)
20553	Injection(s); single or multiple trigger point(s), 3 or more muscle(s)
20612	Aspiration and/or injection of ganglion cyst(s) any location
21615	Excision first and/or cervical rib;
21700	Division of scalenus anticus; without resection of cervical rib
21705	Division of scalenus anticus; with resection of cervical rib
21720	Division of sternocleidomastoid for torticollis, open operation; without cast application
21725	Division of sternocleidomastoid for torticollis, open operation; with cast application
62263	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; 2 or more days
62264	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; 1 day
62268	Percutaneous aspiration, spinal cord cyst or syrinx
64555	Percutaneous implantation of neurostimulator electrodes; peripheral nerve (excludes sacral nerve)
64722	Decompression; unspecified nerve(s) (specify)
64726	Decompression; plantar digital nerve
64732	Transection or avulsion of; supraorbital nerve
64774	Excision of neuroma; cutaneous nerve, surgically identifiable

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64776	Excision of neuroma; digital nerve, 1 or both, same digit
64778	Excision of neuroma; digital nerve, each additional digit (List separately in addition to code for primary procedure)
64782	Excision of neuroma; hand or foot, except digital nerve
64783	Excision of neuroma; hand or foot, each additional nerve, except same digit (List separately in addition to code for primary procedure)
64784	Excision of neuroma; major peripheral nerve, except sciatic
64786	Excision of neuroma; sciatic nerve
64771	Transection or avulsion of other cranial nerve, extradural
64787	Implantation of nerve end into bone or muscle (List separately in addition to neuroma excision)
64795	Biopsy of nerve

## DC15 Pediatric craniotomy-brain tumor

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
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/
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
61601	Resection or excision of neoplastic, vascular or infectious lesion of base of anterior cranial fossa; intradural, including dural repair, with or without graft
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
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

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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
61332	Exploration of orbit (transcranial approach); with biopsy
61333	Exploration of orbit (transcranial approach); with removal of lesion
61500	Craniectomy; with excision of tumor or other bone lesion of skull
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
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
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
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
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/
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
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

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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
62120	Repair of encephalocele, skull vault, including cranioplasty
62121	Craniotomy for repair of encephalocele, skull base

## DC16 Pediatric craniotomy - trauma

### Other

61120	Burr hole(s) for ventricular puncture (including injection of gas, contrast media, dye, or radioactive material)
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
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)
61334	Exploration of orbit (transcranial approach); with removal of foreign body

### Cranioplasty

61316	Incision and subcutaneous placement of cranial bone graft (List separately in addition to code for primary procedure)
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
62148	Incision and retrieval of subcutaneous cranial bone graft for cranioplasty (List separately in addition to code for primary procedure)
61316	Incision and subcutaneous placement of cranial bone graft (List separately in addition to code for primary procedure)
61330	Decompression of orbit only, transcranial approach

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61501	Craniectomy; for osteomyelitis
<b>Depressed Skull Fracture or Extra-Axial Hematoma</b>	
61322	Craniectomy or craniotomy, decompressive, with or without duraplasty, for treatment of intracranial hypertension, without evacuation of associated intraparenchymal hematoma; without lobectomy
21343	Open treatment of depressed frontal sinus fracture
21344	Open treatment of complicated (eg, comminuted or involving posterior wall) frontal sinus fracture, via coronal or multiple approaches
61108	Twist drill hole(s) for subdural, intracerebral, or ventricular puncture; for evacuation and/or drainage of subdural hematoma
61312	Craniectomy or craniotomy for evacuation of hematoma, supratentorial; extradural or subdural
61314	Craniectomy or craniotomy for evacuation of hematoma, infratentorial; extradural or subdural
62000	Elevation of depressed skull fracture; simple, extradural
62005	Elevation of depressed skull fracture; compound or comminuted, 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
<b>Craniectomy for Abscess, Contusion or Parenchymal Hematoma</b>	
61313	Craniectomy or craniotomy for evacuation of hematoma, supratentorial; intracerebral
61315	Craniectomy or craniotomy for evacuation of hematoma, infratentorial; intracerebellar
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
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
61522	Craniectomy, infratentorial or posterior fossa; for excision of brain abscess
61570	Craniectomy or craniotomy; with excision of foreign body from brain
61571	Craniectomy or craniotomy; with treatment of penetrating wound of brain
62163	Neuroendoscopy, intracranial; with retrieval of foreign body
<b>DC17 Pediatric spinal procedures</b>	
61340	Subtemporal cranial decompression (pseudotumor cerebri, slit ventricle syndrome)

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61343	Craniectomy, suboccipital with cervical laminectomy for decompression of medulla and spinal cord, with or without dural graft (eg, Arnold-Chiari malformation)
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)
63200	Laminectomy, with release of tethered spinal cord, lumbar
63700	Repair of meningocele; less than 5 cm diameter
63702	Repair of meningocele; larger than 5 cm diameter
63704	Repair of myelomeningocele; less than 5 cm diameter
63706	Repair of myelomeningocele; larger than 5 cm diameter
63707	Repair of dural/cerebrospinal fluid leak, not requiring laminectomy
63709	Repair of dural/cerebrospinal fluid leak or pseudomeningocele, with laminectomy
63710	Dural graft, spinal

## DC18 Pediatric VP shunt

61544	Craniotomy with elevation of bone flap; for excision or coagulation of choroid plexus
62160	Neuroendoscopy, intracranial, for placement or replacement of ventricular catheter and attachment to shunt system or external drainage (List separately in addition to code for primary procedure)
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
62180	Ventriculocisternostomy (Torkildsen type operation)
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

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62220	Creation of shunt; ventriculo-atrial, -jugular, -auricular
62223	Creation of shunt; ventriculo-peritoneal, -pleural, other terminus
62225	Replacement or irrigation, ventricular catheter
62230	Replacement or revision of cerebrospinal fluid shunt, obstructed valve, or distal catheter in shunt system
62256	Removal of complete cerebrospinal fluid shunt system; without replacement
62258	Removal of complete cerebrospinal fluid shunt system; with replacement by similar or other shunt at same operation
63740	Creation of shunt, lumbar, subarachnoid-peritoneal, -pleural, or other; including laminectomy
63741	Creation of shunt, lumbar, subarachnoid-peritoneal, -pleural, or other; percutaneous, not requiring laminectomy
63744	Replacement, irrigation or revision of lumbosubarachnoid shunt
63746	Removal of entire lumbosubarachnoid shunt system without replacement

## DC19 Adult and pediatric craniotomy-epilepsy

61490	Craniotomy for lobotomy, including cingulotomy
61531	Subdural implantation of strip electrodes through one 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
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
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

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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
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
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
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
61870	Craniectomy for implantation of neurostimulator electrodes, cerebellar; cortical
61875	Craniectomy for implantation of neurostimulator electrodes, cerebellar; subcortical
1200F	Seizure type(s) and current seizure frequency(ies) documented (EPI)
3650F	Electroencephalogram (EEG) ordered, reviewed or requested (EPI)

## DC20 Minor procedures/critical care-ICP monitor placement

61107	Twist drill hole(s) for subdural, intracerebral, or ventricular puncture; for implanting ventricular catheter, pressure recording device, or other intracerebral monitoring device
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## DC21 Minor procedures/critical care-external ventricular drain

61105	Twist drill hole for subdural or ventricular puncture
61107	Twist drill hole(s) for subdural, intracerebral, or ventricular puncture; for implanting ventricular catheter, pressure recording device, or other intracerebral monitoring device
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

## DC22 Minor procedures/critical care-VP shunt tap/programming

62272	Spinal puncture, therapeutic, for drainage of cerebrospinal fluid (by needle or catheter)
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

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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)
61070	Puncture of shunt tubing or reservoir for aspiration or injection procedure
62252	Reprogramming of programmable cerebrospinal shunt
62269	Biopsy of spinal cord, percutaneous needle
62270	Spinal puncture, lumbar, diagnostic
62272	Spinal puncture, therapeutic, for drainage of cerebrospinal fluid (by needle or catheter)
62273	Injection, epidural, of blood or clot patch
62280	Injection/infusion of neurolytic substance (eg, alcohol, phenol, iced saline solutions), with or without other therapeutic substance; subarachnoid
62281	Injection/infusion of neurolytic substance (eg, alcohol, phenol, iced saline solutions), with or without other therapeutic substance; epidural, cervical or thoracic
62282	Injection/infusion of neurolytic substance (eg, alcohol, phenol, iced saline solutions), with or without other therapeutic substance; epidural, lumbar, sacral (caudal)
62284	Injection procedure for myelography and/or computed tomography, spinal (other than C1-C2 and posterior fossa)
62367	Electronic analysis of programmable, implanted pump for intrathecal or epidural drug infusion (includes evaluation of reservoir status, alarm status, drug prescription status); without reprogramming
62368	Electronic analysis of programmable, implanted pump for intrathecal or epidural drug infusion (includes evaluation of reservoir status, alarm status, drug prescription status); with reprogramming
95970	Electronic analysis of implanted neurostimulator pulse generator system (eg, rate, pulse amplitude and duration, configuration of wave form, battery status, electrode selectability, output modulation, cycling, impedance and patient compliance measurements)
95971	Electronic analysis of implanted neurostimulator pulse generator system (eg, rate, pulse amplitude and duration, configuration of wave form, battery status, electrode selectability, output modulation, cycling, impedance and patient compliance measurements)
95972	Electronic analysis of implanted neurostimulator pulse generator system (eg, rate, pulse amplitude and duration, configuration of wave form, battery status, electrode selectability, output modulation, cycling, impedance and patient compliance measurements)
95973	Electronic analysis of implanted neurostimulator pulse generator system (eg, rate, pulse amplitude and duration, configuration of wave form, battery status, electrode selectability, output modulation, cycling, impedance and patient compliance measurements)
95974	Electronic analysis of implanted neurostimulator pulse generator system (eg, rate, pulse amplitude and duration, configuration of wave form, battery status, electrode selectability, output modulation, cycling, impedance and patient compliance measurements)

95975	Electronic analysis of implanted neurostimulator pulse generator system (eg, rate, pulse amplitude and duration, configuration of wave form, battery status, electrode selectability, output modulation, cycling, impedance and patient compliance measurements)
95990	Refilling and maintenance of implantable pump or reservoir for drug delivery, spinal (intrathecal, epidural) or brain (intraventricular);
95991	Refilling and maintenance of implantable pump or reservoir for drug delivery, spinal (intrathecal, epidural) or brain (intraventricular); administered by physician

## DC23 Minor procedures/critical care-cervical spine traction

20650	Insertion of wire or pin with application of skeletal traction, including removal (separate procedure)
20660	Application of cranial tongs, caliper, or stereotactic frame, including removal (separate procedure)
20661	Application of halo, including removal; cranial
20664	Application of halo, including removal, cranial, 6 or more pins placed, for thin skull osteology (eg, pediatric patients, hydrocephalus, osteogenesis imperfecta), requiring general anesthesia
20665	Removal of tongs or halo applied by another physician
22505	Manipulation of spine requiring anesthesia, any region
29000	Application of halo type body cast (see 20661-20663 for insertion)

## DC24 Minor procedures/critical care-stereotactic frame placement

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
61800	Application of stereotactic headframe for stereotactic radiosurgery (List separately in addition to code for primary procedure)
61781	Stereotactic computer-assisted (navigational) procedure; cranial, intradural (List separately in addition to code for primary procedure)
61782	Stereotactic computer-assisted (navigational) procedure; cranial, extradural (List separately in addition to code for primary procedure)
61783	Stereotactic computer-assisted (navigational) procedure; spinal (List separately in addition to code for primary procedure)

## DC25 Minor procedures/critical care-CVP line placement

36400	Venipuncture, younger than age 3 years, necessitating physician's skill, not to be used for routine venipuncture; femoral or jugular vein
36405	Venipuncture, younger than age 3 years, necessitating physician's skill, not to be used for routine venipuncture; scalp vein
36406	Venipuncture, younger than age 3 years, necessitating physician's skill, not to be used for routine venipuncture; other vein
36410	Venipuncture, age 3 years or older, necessitating physician's skill (separate procedure), for diagnostic or therapeutic purposes (not to be used for routine venipuncture)

36415	Collection of venous blood by venipuncture
36420	Venipuncture, cutdown; younger than age 1 year
36425	Venipuncture, cutdown; age 1 or over
36500	Venous catheterization for selective organ blood sampling
93503	Insertion and placement of flow directed catheter (eg, Swan-Ganz) for monitoring purposes

## DC26 Minor procedures/critical care-airway management

31600	Tracheostomy, planned (separate procedure);
31601	Tracheostomy, planned (separate procedure); younger than two years
31603	Tracheostomy, emergency procedure; transtracheal
31605	Tracheostomy, emergency procedure; cricothyroid membrane
31610	Tracheostomy, fenestration procedure with skin flaps
32421	Thoracentesis, puncture of pleural cavity for aspiration, initial or subsequent
32422	Thoracentesis with insertion of tube, includes water seal (eg, for pneumothorax), when performed (separate procedure)
32551	Tube thoracostomy, includes water seal (eg, for abscess, hemothorax, empyema), when performed (separate procedure)
31626	Bronchoscopy, rigid or flexible, including fluoroscopic guidance, when performed; with placement of fiducial markers, single or multiple
31627	Bronchoscopy, rigid or flexible, including fluoroscopic guidance, when performed; with computer-assisted, image-guided navigation (List separately in addition to code for primary procedure[s])

## DC27 Minor procedures/critical care-arterial line placement

36600	Arterial puncture, withdrawal of blood for diagnosis
36620	Arterial catheterization or cannulation for sampling, monitoring or transfusion (separate procedure); percutaneous

## DC28 Minor procedures/critical care-arteriography

0075T	Transcatheter placement of extracranial vertebral or intrathoracic carotid artery stent(s), including radiologic supervision and interpretation, percutaneous; initial vessel
0076T	Transcatheter placement of extracranial vertebral or intrathoracic carotid artery stent(s), including radiologic supervision and interpretation, percutaneous; each additional vessel (List separately in addition to code for primary procedure)
35475	Transluminal balloon angioplasty, percutaneous; brachiocephalic trunk or branches, each vessel
75898	Angiography through existing catheter for follow-up study for transcatheter therapy, embolization or infusion
36005	Injection procedure for extremity venography (including introduction of needle or intracatheter)

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36010	Introduction of catheter, superior or inferior vena cava
36011	Selective catheter placement, venous system; first order branch (eg, renal vein, jugular vein)
36012	Selective catheter placement, venous system; second order, or more selective, branch (eg, left adrenal vein, petrosal sinus)
36140	Introduction of needle or intracatheter; extremity artery
36200	Introduction of catheter, aorta
36215	Selective catheter placement, arterial system; each first order thoracic or brachiocephalic branch, within a vascular family
36216	Selective catheter placement, arterial system; initial second order thoracic or brachiocephalic branch, within a vascular family
36217	Selective catheter placement, arterial system; initial third order or more selective thoracic or brachiocephalic branch, within a vascular family
36218	Selective catheter placement, arterial system; additional second order, third order, and beyond, thoracic or brachiocephalic branch, within a vascular family (List in addition to code for initial second or third order vessel as appropriate)
36245	Selective catheter placement, arterial system; each first order abdominal, pelvic, or lower extremity artery branch, within a vascular family
36246	Selective catheter placement, arterial system; initial second order abdominal, pelvic, or lower extremity artery branch, within a vascular family
36247	Selective catheter placement, arterial system; initial third order or more selective abdominal, pelvic, or lower extremity artery branch, within a vascular family
36248	Selective catheter placement, arterial system; additional second order, third order, and beyond, abdominal, pelvic, or lower extremity artery branch, within a vascular family (List in addition to code for initial second or third order vessel as appropriate)
75605	Aortography, thoracic, by serialography, radiological supervision and interpretation
75625	Aortography, abdominal, by serialography, radiological supervision and interpretation
75630	Aortography, abdominal plus bilateral iliofemoral lower extremity, catheter, by serialography, radiological supervision and interpretation
75650	Angiography, cervicocerebral, catheter, including vessel origin, radiological supervision and interpretation
75660	Angiography, external carotid, unilateral, selective, radiological supervision and interpretation
75662	Angiography, external carotid, bilateral, selective, radiological supervision and interpretation
75665	Angiography, carotid, cerebral, unilateral, radiological supervision and interpretation
75671	Angiography, carotid, cerebral, bilateral, radiological supervision and interpretation
75676	Angiography, carotid, cervical, unilateral, radiological supervision and interpretation
75685	Angiography, vertebral, cervical, and/or intracranial, radiological supervision and interpretation
75705	Angiography, spinal, selective, radiological supervision and interpretation
75710	Angiography, extremity, unilateral, radiological supervision and interpretation
75716	Angiography, extremity, bilateral, radiological supervision and interpretation
75736	Angiography, pelvic, selective or supraseductive, radiological supervision and interpretation
75756	Angiography, internal mammary, radiological supervision and interpretation

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75774	Angiography, selective, each additional vessel studied after basic examination, radiological supervision and interpretation (List separately in addition to code for primary procedure)
75820	Venography, extremity, unilateral, radiological supervision and interpretation
75820	Venography, extremity, unilateral, radiological supervision and interpretation
75822	Venography, extremity, bilateral, radiological supervision and interpretation
75825	Venography, caval, inferior, with serialography, radiological supervision and interpretation
75827	Venography, caval, superior, with serialography, radiological supervision and interpretation
75860	Venography, venous sinus (eg, petrosal and inferior sagittal) or jugular, catheter, radiological supervision and interpretation
75870	Venography, superior sagittal sinus, radiological supervision and interpretation
75893	Venous sampling through catheter, with or without angiography (eg, for parathyroid hormone, renin), radiological supervision and interpretation

## Craniofacial

21015	Radical resection of tumor (eg, malignant neoplasm), soft tissue of face or scalp
21137	Reduction forehead; contouring only
21138	Reduction forehead; contouring and application of prosthetic material or bone graft (includes obtaining autograft)
21139	Reduction forehead; contouring and setback of anterior frontal sinus wall
21172	Reconstruction superior-lateral orbital rim and lower forehead, advancement or alteration, with or without grafts (includes obtaining autografts)
21175	Reconstruction, bifrontal, superior-lateral orbital rims and lower forehead, advancement or alteration (eg, plagiocephaly, trigonocephaly, brachycephaly), with or without grafts (includes obtaining autografts)
21179	Reconstruction, entire or majority of forehead and/or supraorbital rims; with grafts (allograft or prosthetic material)
21180	Reconstruction, entire or majority of forehead and/or supraorbital rims; with autograft (includes obtaining grafts)
21181	Reconstruction by contouring of benign tumor of cranial bones (eg, fibrous dysplasia), extracranial
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
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 great
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 great
21255	Reconstruction of zygomatic arch and glenoid fossa with bone and cartilage (includes obtaining autografts)

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21256	Reconstruction of orbit with osteotomies (extracranial) and with bone grafts (includes obtaining autografts) (eg, micro-ophthalmia)
21260	Periorbital osteotomies for orbital hypertelorism, with bone grafts; extracranial approach
21261	Periorbital osteotomies for orbital hypertelorism, with bone grafts; combined intra- and extracranial approach
21263	Periorbital osteotomies for orbital hypertelorism, with bone grafts; with forehead advancement
21267	Orbital repositioning, periorbital osteotomies, unilateral, with bone grafts; extracranial approach
21268	Orbital repositioning, periorbital osteotomies, unilateral, with bone grafts; combined intra- and extracranial approach
21299	Unlisted craniofacial and maxillofacial 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)
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)
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)

## Spinal Tumor/AVM

### Spinal Tumor Resection: Primary and Metastatic

22100	Partial excision of posterior vertebral component (eg, spinous process, lamina or facet) for intrinsic bony lesion, single vertebral segment; cervical
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22101	Partial excision of posterior vertebral component (eg, spinous process, lamina or facet) for intrinsic bony lesion, single vertebral segment; thoracic
22102	Partial excision of posterior vertebral component (eg, spinous process, lamina or facet) for intrinsic bony lesion, single vertebral segment; lumbar
22103	Partial excision of posterior vertebral component (eg, spinous process, lamina or facet) for intrinsic bony lesion, single vertebral segment; each additional segment (List separately in addition to code for primary procedure)
22110	Partial excision of vertebral body, for intrinsic bony lesion, without decompression of spinal cord or nerve root(s), single vertebral segment; cervical
22112	Partial excision of vertebral body, for intrinsic bony lesion, without decompression of spinal cord or nerve root(s), single vertebral segment; thoracic
22114	Partial excision of vertebral body, for intrinsic bony lesion, without decompression of spinal cord or nerve root(s), single vertebral segment; lumbar
22116	Partial excision of vertebral body, for intrinsic bony lesion, without decompression of spinal cord or nerve root(s), single vertebral segment; each additional vertebral segment (List separately in addition to code for primary procedure)
63275	Laminectomy for biopsy/excision of intraspinal neoplasm; extradural, cervical
63275	Laminectomy for biopsy/excision of intraspinal neoplasm; extradural, cervical
63276	Laminectomy for biopsy/excision of intraspinal neoplasm; extradural, thoracic
63277	Laminectomy for biopsy/excision of intraspinal neoplasm; extradural, lumbar
63278	Laminectomy for biopsy/excision of intraspinal neoplasm; extradural, sacral
63280	Laminectomy for biopsy/excision of intraspinal neoplasm; intradural, extramedullary, cervical
63281	Laminectomy for biopsy/excision of intraspinal neoplasm; intradural, extramedullary, thoracic
63282	Laminectomy for biopsy/excision of intraspinal neoplasm; intradural, extramedullary, lumbar
63283	Laminectomy for biopsy/excision of intraspinal neoplasm; intradural, sacral
63285	Laminectomy for biopsy/excision of intraspinal neoplasm; intradural, intramedullary, cervical
63286	Laminectomy for biopsy/excision of intraspinal neoplasm; intradural, intramedullary, thoracic
63287	Laminectomy for biopsy/excision of intraspinal neoplasm; intradural, intramedullary, thoracolumbar
63290	Laminectomy for biopsy/excision of intraspinal neoplasm; combined extradural-intradural lesion, any level
<b>Spinal Vascular Lesion Resection</b>	
63250	Laminectomy for excision or occlusion of arteriovenous malformation of spinal cord; cervical
63251	Laminectomy for excision or occlusion of arteriovenous malformation of spinal cord; thoracic
63252	Laminectomy for excision or occlusion of arteriovenous malformation of spinal cord; thoracolumbar
63265	Laminectomy for excision or evacuation of intraspinal lesion other than neoplasm, extradural; cervical

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63266	Laminectomy for excision or evacuation of intraspinal lesion other than neoplasm, extradural; thoracic
63267	Laminectomy for excision or evacuation of intraspinal lesion other than neoplasm, extradural; lumbar
63268	Laminectomy for excision or evacuation of intraspinal lesion other than neoplasm, extradural; sacral
63270	Laminectomy for excision of intraspinal lesion other than neoplasm, intradural; cervical
63271	Laminectomy for excision of intraspinal lesion other than neoplasm, intradural; thoracic
63272	Laminectomy for excision of intraspinal lesion other than neoplasm, intradural; lumbar
63273	Laminectomy for excision of intraspinal lesion other than neoplasm, intradural; sacral

**Reconstructive Secondary Procedures**

63295	Osteoplastic reconstruction of dorsal spinal elements, following primary intraspinal procedure (List separately in addition to code for primary procedure)
63295	Osteoplastic reconstruction of dorsal spinal elements, following primary intraspinal procedure (List separately in addition to code for primary procedure)
63301	Vertebral corpectomy (vertebral body resection), partial or complete, for excision of intraspinal lesion, single segment; extradural, thoracic by transthoracic approach
63302	Vertebral corpectomy (vertebral body resection), partial or complete, for excision of intraspinal lesion, single segment; extradural, thoracic by thoracolumbar approach
63303	Vertebral corpectomy (vertebral body resection), partial or complete, for excision of intraspinal lesion, single segment; extradural, lumbar or sacral by transperitoneal or retroperitoneal approach
63305	Vertebral corpectomy (vertebral body resection), partial or complete, for excision of intraspinal lesion, single segment; intradural, thoracic by transthoracic approach
63306	Vertebral corpectomy (vertebral body resection), partial or complete, for excision of intraspinal lesion, single segment; intradural, thoracic by thoracolumbar approach
63307	Vertebral corpectomy (vertebral body resection), partial or complete, for excision of intraspinal lesion, single segment; intradural, lumbar or sacral by transperitoneal or retroperitoneal approach
63308	Vertebral corpectomy (vertebral body resection), partial or complete, for excision of intraspinal lesion, single segment; each additional segment (List separately in addition to codes for single segment)
63615	Stereotactic biopsy, aspiration, or excision of lesion, spinal cord

**Miscellaneous/Unclassified**

95885	Needle electromyography, each extremity, with related paraspinal areas, when performed, done with nerve conduction, amplitude and latency/velocity study; limited (List separately in addition to code for primary procedure)
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95887	Needle electromyography, non-extremity (cranial nerve supplied or axial) muscle(s) done with nerve conduction, amplitude and latency/velocity study (List separately in addition to code for primary procedure)
95938	Short-latency somatosensory evoked potential study, stimulation of any/all peripheral nerves or skin sites, recording from the central nervous system; in upper and lower limbs
95939	Short-latency somatosensory evoked potential study, stimulation of any/all peripheral nerves or skin sites, recording from the central nervous system; in upper and lower limbs
62369	Electronic analysis of programmable, implanted pump for intrathecal or epidural drug infusion (includes evaluation of reservoir status, alarm status, drug prescription status); with reprogramming and refill
62370	Electronic analysis of programmable, implanted pump for intrathecal or epidural drug infusion (includes evaluation of reservoir status, alarm status, drug prescription status); with reprogramming and refill (requiring physician's skill)
64633	Destruction by neurolytic agent, paravertebral facet joint nerve(s), with imaging guidance (fluoroscopy or CT); cervical or thoracic, single facet joint
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)
64635	Destruction by neurolytic agent, paravertebral facet joint nerve(s), with imaging guidance (fluoroscopy or CT); lumbar or sacral, single facet joint
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)
37191	Insertion of intravascular vena cava filter, endovascular approach including vascular access, vessel selection, and radiological supervision and interpretation, intraprocedural roadmapping, and imaging guidance (ultrasound and fluoroscopy), when performed
69990	Microsurgical techniques, requiring use of operating microscope (List separately in addition to code for primary procedure)
76376	3D rendering with interpretation and reporting of computed tomography, magnetic resonance imaging, ultrasound, or other tomographic modality; not requiring image postprocessing on an independent workstation
76377	3D rendering with interpretation and reporting of computed tomography, magnetic resonance imaging, ultrasound, or other tomographic modality; requiring image postprocessing on an independent workstation
61316	Incision and subcutaneous placement of cranial bone graft (List separately in addition to code for primary procedure)
10060	Incision and drainage of abscess (eg, carbuncle, suppurative hidradenitis, cutaneous or subcutaneous abscess, cyst, furuncle, or paronychia); simple or single
10061	Incision and drainage of abscess (eg, carbuncle, suppurative hidradenitis, cutaneous or subcutaneous abscess, cyst, furuncle, or paronychia); complicated or multiple
10120	Incision and removal of foreign body, subcutaneous tissues; simple
10121	Incision and removal of foreign body, subcutaneous tissues; complicated

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10140	Incision and drainage of hematoma, seroma or fluid collection
10160	Puncture aspiration of abscess, hematoma, bulla, or cyst
10180	Incision and drainage, complex, postoperative wound infection
12001	Simple repair of superficial wounds of scalp, neck, axillae, external genitalia, trunk and/or extremities (including hands and feet); 2.5 cm or less
12002	Simple repair of superficial wounds of scalp, neck, axillae, external genitalia, trunk and/or extremities (including hands and feet); 2.6 cm to 7.5 cm
12004	Simple repair of superficial wounds of scalp, neck, axillae, external genitalia, trunk and/or extremities (including hands and feet); 7.6 cm to 12.5 cm
12005	Simple repair of superficial wounds of scalp, neck, axillae, external genitalia, trunk and/or extremities (including hands and feet); 12.6 cm to 20.0 cm
12006	Simple repair of superficial wounds of scalp, neck, axillae, external genitalia, trunk and/or extremities (including hands and feet); 20.1 cm to 30.0 cm
12007	Simple repair of superficial wounds of scalp, neck, axillae, external genitalia, trunk and/or extremities (including hands and feet); over 30.0 cm
12011	Simple repair of superficial wounds of face, ears, eyelids, nose, lips and/or mucous membranes; 2.5 cm or less
12013	Simple repair of superficial wounds of face, ears, eyelids, nose, lips and/or mucous membranes; 2.6 cm to 5.0 cm
12014	Simple repair of superficial wounds of face, ears, eyelids, nose, lips and/or mucous membranes; 5.1 cm to 7.5 cm
12015	Simple repair of superficial wounds of face, ears, eyelids, nose, lips and/or mucous membranes; 7.6 cm to 12.5 cm
12016	Simple repair of superficial wounds of face, ears, eyelids, nose, lips and/or mucous membranes; 12.6 cm to 20.0 cm
12017	Simple repair of superficial wounds of face, ears, eyelids, nose, lips and/or mucous membranes; 20.1 cm to 30.0 cm
12018	Simple repair of superficial wounds of face, ears, eyelids, nose, lips and/or mucous membranes; over 30.0 cm
12020	Treatment of superficial wound dehiscence; simple closure
12021	Treatment of superficial wound dehiscence; with packing
12031	Repair, intermediate, wounds of scalp, axillae, trunk and/or extremities (excluding hands and feet); 2.5 cm or less
12032	Repair, intermediate, wounds of scalp, axillae, trunk and/or extremities (excluding hands and feet); 2.6 cm to 7.5 cm
12034	Repair, intermediate, wounds of scalp, axillae, trunk and/or extremities (excluding hands and feet); 7.6 cm to 12.5 cm
12035	Repair, intermediate, wounds of scalp, axillae, trunk and/or extremities (excluding hands and feet); 12.6 cm to 20.0 cm
12036	Repair, intermediate, wounds of scalp, axillae, trunk and/or extremities (excluding hands and feet); 20.1 cm to 30.0 cm
12037	Repair, intermediate, wounds of scalp, axillae, trunk and/or extremities (excluding hands and feet); over 30.0 cm
13120	Repair, complex, scalp, arms, and/or legs; 1.1 cm to 2.5 cm
13121	Repair, complex, scalp, arms, and/or legs; 2.6 cm to 7.5 cm

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13122	Repair, complex, scalp, arms, and/or legs; each additional 5 cm or less (List separately in addition to code for primary procedure)
13160	Secondary closure of surgical wound or dehiscence, extensive or complicated
14020	Adjacent tissue transfer or rearrangement, scalp, arms and/or legs; defect 10 sq cm or less
14021	Adjacent tissue transfer or rearrangement, scalp, arms and/or legs; defect 10.1 sq cm to 30.0 sq cm
20000	Incision of soft tissue abscess (eg, secondary to osteomyelitis); superficial
20005	Incision of soft tissue abscess (eg, secondary to osteomyelitis); deep or complicated
20200	Biopsy, muscle; superficial
20205	Biopsy, muscle; deep
20206	Biopsy, muscle, percutaneous needle
20220	Biopsy, bone, trocar, or needle; superficial (eg, ilium, sternum, spinous process, ribs)
20220	Biopsy, bone, trocar, or needle; superficial (eg, ilium, sternum, spinous process, ribs)
20225	Biopsy, bone, trocar, or needle; deep (eg, vertebral body, femur)
20240	Biopsy, bone, open; superficial (eg, ilium, sternum, spinous process, ribs, trochanter of femur)
20250	Biopsy, vertebral body, open; thoracic
20251	Biopsy, vertebral body, open; lumbar or cervical
20975	Electrical stimulation to aid bone healing; invasive (operative)
20999	Unlisted procedure, musculoskeletal system, general
21501	Incision and drainage, deep abscess or hematoma, soft tissues of neck or thorax;
22010	Incision and drainage, open, of deep abscess (subfascial), posterior spine; cervical, thoracic, or cervicothoracic
22010	Incision and drainage, open, of deep abscess (subfascial), posterior spine; cervical, thoracic, or cervicothoracic
22015	Incision and drainage, open, of deep abscess (subfascial), posterior spine; lumbar, sacral, or lumbosacral
22015	Incision and drainage, open, of deep abscess (subfascial), posterior spine; lumbar, sacral, or lumbosacral
22212	Osteotomy of spine, posterior or posterolateral approach, one vertebral segment; thoracic
22214	Osteotomy of spine, posterior or posterolateral approach, one vertebral segment; lumbar
22216	Osteotomy of spine, posterior or posterolateral approach, one vertebral segment; each additional vertebral segment (List separately in addition to primary procedure)
22222	Osteotomy of spine, including discectomy, anterior approach, single vertebral segment; thoracic
22224	Osteotomy of spine, including discectomy, anterior approach, single vertebral segment; lumbar
22226	Osteotomy of spine, including discectomy, anterior approach, single vertebral segment; each additional vertebral segment (List separately in addition to code for primary procedure)
22305	Closed treatment of vertebral process fracture(s)
22310	Closed treatment of vertebral body fracture(s), without manipulation, requiring and including casting or bracing

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22315	Closed treatment of vertebral fracture(s) and/or dislocation(s) requiring casting or bracing, with and including casting and/or bracing, with or without anesthesia, by manipulation or traction
22520	Percutaneous vertebroplasty, one vertebral body, unilateral or bilateral injection; thoracic
22521	Percutaneous vertebroplasty, one vertebral body, unilateral or bilateral injection; lumbar
22522	Percutaneous vertebroplasty, one vertebral body, unilateral or bilateral injection; each additional thoracic or lumbar vertebral body (List separately in addition to code for primary procedure)
22522	Percutaneous vertebroplasty, one vertebral body, unilateral or bilateral injection; each additional thoracic or lumbar vertebral body (List separately in addition to code for primary procedure)
22523	Percutaneous vertebral augmentation, including cavity creation (fracture reduction and bone biopsy included when performed) using mechanical device, one vertebral body, unilateral or bilateral cannulation (eg, kyphoplasty); thoracic
22524	Percutaneous vertebral augmentation, including cavity creation (fracture reduction and bone biopsy included when performed) using mechanical device, one vertebral body, unilateral or bilateral cannulation (eg, kyphoplasty); lumbar
22525	Percutaneous vertebral augmentation, including cavity creation (fracture reduction and bone biopsy included when performed) using mechanical device, one vertebral body, unilateral or bilateral cannulation (eg, kyphoplasty); each additional thoracic or lumb
22899	Unlisted procedure, spine
27080	Coccygectomy, primary
37501	Unlisted vascular endoscopy procedure
43246	Upper gastrointestinal endoscopy including esophagus, stomach, and either the duodenum and/or jejunum as appropriate; with directed placement of percutaneous gastrostomy tube
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
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

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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
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
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/
62287	Decompression procedure, percutaneous, of nucleus pulposus of intervertebral disc, any method, single or multiple levels, lumbar (eg, manual or automated percutaneous discectomy, percutaneous laser discectomy)
62290	Injection procedure for discography, each level; lumbar
62291	Injection procedure for discography, each level; cervical or thoracic
62292	Injection procedure for chemonucleolysis, including discography, intervertebral disc, single or multiple levels, lumbar
62294	Injection procedure, arterial, for occlusion of arteriovenous malformation, spinal
62310	Injection, single (not via indwelling catheter), not including neurolytic substances, with or without contrast (for either localization or epidurography), of diagnostic or therapeutic substance(s) (including anesthetic, antispasmodic, opioid, steroid, othe
62311	Injection, single (not via indwelling catheter), not including neurolytic substances, with or without contrast (for either localization or epidurography), of diagnostic or therapeutic substance(s) (including anesthetic, antispasmodic, opioid, steroid, othe
62318	Injection, including catheter placement, continuous infusion or intermittent bolus, not including neurolytic substances, with or without contrast (for either localization or epidurography), of diagnostic or therapeutic substance(s) (including anesthetic, a
62319	Injection, including catheter placement, continuous infusion or intermittent bolus, not including neurolytic substances, with or without contrast (for either localization or epidurography), of diagnostic or therapeutic substance(s) (including anesthetic, a
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
62351	Implantation, revision or repositioning of tunneled intrathecal or epidural catheter, for long-term medication administration via an external pump or implantable reservoir/infusion pump; with laminectomy
62355	Removal of previously implanted intrathecal or epidural catheter
63172	Laminectomy with drainage of intramedullary cyst/syrinx; to subarachnoid space
63173	Laminectomy with drainage of intramedullary cyst/syrinx; to peritoneal or pleural space

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63180	Laminectomy and section of dentate ligaments, with or without dural graft, cervical; 1 or 2 segments
63182	Laminectomy and section of dentate ligaments, with or without dural graft, cervical; more than 2 segments
64400	Injection, anesthetic agent; trigeminal nerve, any division or branch
64402	Injection, anesthetic agent; facial nerve
64405	Injection, anesthetic agent; greater occipital nerve
64408	Injection, anesthetic agent; vagus nerve
64410	Injection, anesthetic agent; phrenic nerve
64412	Injection, anesthetic agent; spinal accessory nerve
64413	Injection, anesthetic agent; cervical plexus
64415	Injection, anesthetic agent; brachial plexus, single
64416	Injection, anesthetic agent; brachial plexus, continuous infusion by catheter (including catheter placement)
64417	Injection, anesthetic agent; axillary nerve
64418	Injection, anesthetic agent; suprascapular nerve
64420	Injection, anesthetic agent; intercostal nerve, single
64421	Injection, anesthetic agent; intercostal nerves, multiple, regional block
64425	Injection, anesthetic agent; ilioinguinal, iliohypogastric nerves
64430	Injection, anesthetic agent; pudendal nerve
64435	Injection, anesthetic agent; paracervical (uterine) nerve
64445	Injection, anesthetic agent; sciatic nerve, single
64446	Injection, anesthetic agent; sciatic nerve, continuous infusion by catheter (including catheter placement)
64447	Injection, anesthetic agent; femoral nerve, single
64448	Injection, anesthetic agent; femoral nerve, continuous infusion by catheter (including catheter placement)
64450	Injection, anesthetic agent; other peripheral nerve or branch
64470	Injection, anesthetic agent and/or steroid, paravertebral facet joint or facet joint nerve; cervical or thoracic, single level
64472	Injection, anesthetic agent and/or steroid, paravertebral facet joint or facet joint nerve; cervical or thoracic, each additional level (List separately in addition to code for primary procedure)
64475	Injection, anesthetic agent and/or steroid, paravertebral facet joint or facet joint nerve; lumbar or sacral, single level
64476	Injection, anesthetic agent and/or steroid, paravertebral facet joint or facet joint nerve; lumbar or sacral, each additional level (List separately in addition to code for primary procedure)
64479	Injection, anesthetic agent and/or steroid, transforaminal epidural; cervical or thoracic, single level
64480	Injection, anesthetic agent and/or steroid, transforaminal epidural; cervical or thoracic, each additional level (List separately in addition to code for primary procedure)

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64483	Injection, anesthetic agent and/or steroid, transforaminal epidural; lumbar or sacral, single level
64484	Injection, anesthetic agent and/or steroid, transforaminal epidural; lumbar or sacral, each additional level (List separately in addition to code for primary procedure)
64505	Injection, anesthetic agent; sphenopalatine ganglion
64508	Injection, anesthetic agent; carotid sinus (separate procedure)
64510	Injection, anesthetic agent; stellate ganglion (cervical sympathetic)
64520	Injection, anesthetic agent; lumbar or thoracic (paravertebral sympathetic)
64530	Injection, anesthetic agent; celiac plexus, with or without radiologic monitoring
64550	Application of surface (transcutaneous) neurostimulator
64620	Destruction by neurolytic agent, intercostal nerve
64622	Destruction by neurolytic agent, paravertebral facet joint nerve; lumbar or sacral, single level
64623	Destruction by neurolytic agent, paravertebral facet joint nerve; lumbar or sacral, each additional level (List separately in addition to code for primary procedure)
64626	Destruction by neurolytic agent, paravertebral facet joint nerve; cervical or thoracic, single level
64627	Destruction by neurolytic agent, paravertebral facet joint nerve; cervical or thoracic, each additional level (List separately in addition to code for primary procedure)
64630	Destruction by neurolytic agent; pudendal nerve
64640	Destruction by neurolytic agent; other peripheral nerve or branch
64650	Chemodenervation of eccrine glands; both axillae
64653	Chemodenervation of eccrine glands; other area(s) (eg, scalp, face, neck), per day
64680	Destruction by neurolytic agent, with or without radiologic monitoring; celiac plexus
64681	Destruction by neurolytic agent, with or without radiologic monitoring; superior hypogastric plexus
72285	Discography, cervical or thoracic, radiological supervision and interpretation
72295	Discography, lumbar, radiological supervision and interpretation
75900	Exchange of a previously placed intravascular catheter during thrombolytic therapy with contrast monitoring, radiological supervision and interpretation
75960	Transcatheter introduction of intravascular stent(s) (except coronary, carotid, and vertebral vessel), percutaneous and/or open, radiological supervision and interpretation, each vessel
75962	Transluminal balloon angioplasty, peripheral artery, radiological supervision and interpretation
75978	Transluminal balloon angioplasty, venous (eg, subclavian stenosis), radiological supervision and interpretation
76000	Fluoroscopy (separate procedure), up to 1 hour physician time, other than 71023 or 71034 (eg, cardiac fluoroscopy)

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76001	Fluoroscopy, physician time more than 1 hour, assisting a nonradiologic physician (eg, nephrostolithotomy, ERCP, bronchoscopy, transbronchial biopsy)
64490	Injection(s), diagnostic or therapeutic agent, paravertebral facet (zygapophyseal) joint (or nerves innervating that joint) with image guidance (fluoroscopy or CT), cervical or thoracic; single level
64491	Injection(s), diagnostic or therapeutic agent, paravertebral facet (zygapophyseal) joint (or nerves innervating that joint) with image guidance (fluoroscopy or CT), cervical or thoracic; second level (List separately in addition to code for primary procedu
64492	Injection(s), diagnostic or therapeutic agent, paravertebral facet (zygapophyseal) joint (or nerves innervating that joint) with image guidance (fluoroscopy or CT), cervical or thoracic; third and any additional level(s) (List separately in addition to cod
64493	Injection(s), diagnostic or therapeutic agent, paravertebral facet (zygapophyseal) joint (or nerves innervating that joint) with image guidance (fluoroscopy or CT), lumbar or sacral; single level
64494	Injection(s), diagnostic or therapeutic agent, paravertebral facet (zygapophyseal) joint (or nerves innervating that joint) with image guidance (fluoroscopy or CT), lumbar or sacral; second level (List separately in addition to code for primary procedure)
64495	Injection(s), diagnostic or therapeutic agent, paravertebral facet (zygapophyseal) joint (or nerves innervating that joint) with image guidance (fluoroscopy or CT), lumbar or sacral; third and any additional level(s) (List separately in addition to code fo
95905	Motor and/or sensory nerve conduction, using preconfigured electrode array(s), amplitude and latency/velocity study, each limb, includes F-wave study when performed, with interpretation and report