

NEUROSURGERY

These listings cannot be correctly interpreted without reference to the Preamble.

		\$	Anes. Level
Referred Cases			
03010	Consultation: To include complete history and physical examination, review of X-ray and laboratory findings, and a written report.....	161.94	
03011	Repeat or limited consultation: To apply where a consultation is repeated for same condition within six months of the last visit by the consultant, or where in the judgment of the consultant the consultative service does not warrant a full consultative fee.....	70.90	
<u>Continuing Care by Consultant:</u>			
03007	Subsequent office visit.....	42.34	
03008	Subsequent hospital visit.....	28.82	
03009	Subsequent home visit	53.76	
03005	Emergency visit when specially called	110.76	
(not paid in addition to out-of-hours premiums)			
<i>Note: Claim must state time call placed.</i>			
<u>Video Conferencing:</u>			
03310	Neurosurgical consultation rendered using video conferencing.....	141.21	
03311	Neurosurgical follow-up assessment via video conferencing.....	39.75	
03312	Neurosurgical repeat or limited consultation using video conferencing	64.32	
03313	Assistant's fee relative to the video conferencing listings 03310, 03311 and 03312		
Notes:			
i) 03313 to be billed at a fee in equity with the higher of: fee item 00120, or 50% of the appropriate visit fee (consultation, follow-up visit or repeat consultation) pertinent to the visit and to the specialty of the assistant physician.			
ii) When submitting claims to MSP for 03313, please use the note record to indicate the fee code used in the fee equity determination.			
03101	Supra or infra orbital nerve avulsion.....	221.58	3
03102	Decompression of Gasserian ganglion	1,172.76	8
03103	Pre-ganglionic rhizotomy 5th nerve	1,017.97	3
S03104	Percutaneous rhizotomy 5th nerve.....	1,004.60	3
03106	Posterior fossa exploration with rhizotomy 5th nerve.....	1,668.90	8
03232	Microsurgical anastomosis of intracranial portion of cranial nerve in conjunction with other craniotomy, with graft. (Extra to craniotomy).....	719.09	
<i>Note: 03232 includes harvesting of graft.</i>			
03233	Microsurgical anastomosis of intracranial portion of cranial nerve in conjunction with other craniotomy, without graft. (Extra to craniotomy).....	440.53	
T03250	Microelectrode recording (MER) – electrophysiological (EP) mapping of the basal ganglia and thalamus, intra-operatively – extra	3,067.00	

		\$	Anes. Level
Trauma			
03110	Elevation or "attempted" elevation of depressed skull fracture in infant under the age of 1 year by neurosurgeon, using vacuum extractor, (operation only).....	139.55	6
03111	Elevation of simple depressed skull fracture	715.92	5
03112	Elevation of compound depressed skull fracture.....	931.82	6
03113	Elevation of compound depressed skull fracture with repair of dura, debridement of cerebral laceration and sinuses.....	1,464.47	8
03115	Exploration of subdural space for chronic subdural haematoma - unilateral or bilateral	877.98	6
03116	Craniotomy for evacuation of intracranial haematoma (cerebral, subdural, extra-dural or abscess).....	1,672.86	8
03118	Craniotomy for repair of CSF leak.....	1,581.12	8
03119	Craniotomy for microvascular decompression of cranial nerve	1,811.04	8
Cerebral Procedures			
03094	Anterior decompressing craniovertebral junction, using operating microscope	2,890.72	8
03095	Posterior decompression of Chiari malformation or foramen magnum - no dural repair	1,355.18	8
03096	- with dural repair.....	1,609.82	8
03097	- with fourth ventricular exploration	1,863.38	8
03121	Cranioplasty.....	931.82	7
03145	Cranioplasty using autologous bone graft.....	1,119.22	7
03122	Craniectomy for osteomyelitis or skull tumour.....	1,040.96	7
03123	- with cranioplasty	1,464.47	7
03124	Linear craniectomy or craniotomy for cranial stenosis - 1st suture	1,012.97	7
03127	- additional sutures to a maximum of 3 - each extra	248.62	7
	Lateral canthal advancement or similar procedure for coronal synostosis		
03137	- unilateral	1,172.66	8
03143	- bilateral	1,255.70	8
03125	Bilateral craniectomies for cranial expansion or delayed treatment of synostosis (patient must be older than 1 year).....	1,876.46	8
03146	Morcellation of skull for craniosynostosis	1,711.92	8
03147	Cranial reconstruction for complex deformity in a child.....	2,038.03	8
	<i>Note: 03147 requires that the procedure take place more than three months after a previous cranial reconstruction procedure. The operation must be bilateral and involve at least two of the major cranial vault bones, namely frontal, parietal and occipital bones.</i>		
03126	Re-opening or removal of bone flap	639.69	6
03128	Trephine with cerebral needling for aspiration or biopsy.....	891.04	7
03129	Craniotomy for tumour.....	1,655.45	8
03114	Craniotomy and microsurgical removal of tumour of ventricle, brain stem, thalamus, hypothalamus, or basal ganglia	2,853.42	8
03130	Craniotomy for removal of extra-axial brain tumour using operating microscope when procedure is prolonged more than 8 hours (to include operative report)	3,993.60	8

		\$	Anes. Level
03135	Craniotomy or laminectomy using operating microscope when procedure is prolonged more than 8 hours (to include operative report)	3,466.55	9
03222	Craniotomy lasting more than 12 hours and requiring operating microscope	5,235.00	9
	Notes:		
	i) 03222 is applicable to the principal neurosurgeon who is required to spend more than 12 hours performing this surgery.		
	ii) Additional neurosurgeons involved in this surgery as assistants should claim the certified surgical assistant's fees.		
	iii) Other surgical specialists required because of their specific expertise should claim separately in accordance with Clause B.9.e.v) of the Preamble to the Payment Schedule.		
03066	Craniotomy for microsurgical resection of extra-axial tumour - extra to 03222, per hour or major portion thereof, after 12 hours	189.44	
03133	Craniotomy for removal of extra-axial brain tumour using operating microscope	2,853.42	8
03131	Transphenoidal removal of pituitary tumour or hypophysectomy - one surgeon	1,983.52	8
03132	- two surgeons - neurosurgeon	1,437.80	8
02437	- otolaryngologist	590.72	8
03053	Craniotomy for combined plastic surgical/neurosurgical Cranioplasty - neurosurgical component	672.39	8
03055	Craniotomy with microsurgical cortical resection for epilepsy - under general anesthetic	2,227.43	8
03056	- awake patient	2,752.77	8
03057	Craniotomy with cortical resection for epilepsy	1,607.89	8
03058	Hemispherectomy	2,192.58	8
T03059	Craniotomy and microsurgical hemispherotomy for epilepsy	2,543.00	8
	Notes:		
	i) Includes corpus callosum section, disconnection of the cerebral hemisphere.		
	ii) Requires loupe magnification and/or operating microscope.		
	iii) Not paid with fee item 03058.		
03144	Section of corpus callosum	1,959.66	8
03136	Craniotomy for intracranial aneurysm or angioma	2,388.87	9
03120	Neurosurgical fee for facial craniotomy reconstruction	1,321.38	9
03138	Unilateral stereotaxic intracranial procedures	1,172.66	7
03139	Implantation of stimulator	453.10	3
03140	Insertion of intracranial stimulating electrodes	1,427.44	7
03148	Forehead reconstruction, extra to linear craniectomies for craniosynostosis	280.34	
T03189	Stereotactic localization during neurosurgery in association with craniotomy – extra	468.37	
	Note: Applicable to procedures involving head and cranial cervical junction only.		
03235	Intraoperative cortical localization SSEP or stimulation studies G.A. (extra to craniotomy)	230.95	
03236	Insertion of subdural strip electrodes - unilateral [epilepsy surgery, to include burrhole(s)]	1,077.85	8
03237	Removal of subdural strip electrodes - unilateral	461.94	6

		\$	Anes. Level
T03238	Cortical or deep brain localization with SEEP or stimulation in an awake patient (extra to craniotomy).....	461.94	
T03239	Craniotomy and insertion of subdural grid electrodes with or without additional strip electrodes – unilateral	1,437.00	7
	Notes:		
	i) Operative report or accompanying letter required if billed for other than epilepsy surgery or if billed with 03235.		
	ii) Fee items 03238 or 03237 not payable in addition.		
T03241	Re-opening of craniotomy for removal of subdural grid electrodes – unilateral	774.00	6
	Note: Isolated procedure – not payable in addition to other epilepsy surgical listings.		
03320	Removal of skull tumour without craniectomy	410.71	6

Ventriculoscopic Procedures

Note: When ventriculoscopy is performed as part of a craniotomy, the ventriculoscopic fee is not payable in addition to the craniotomy fee, unless the ventriculoscopic procedure is done via a separate cranial opening. When a craniotomy is performed as a result of complications arising from a ventriculoscopic procedure, or because of failure of the ventriculoscopic procedure, the ventriculoscopic fee may be billed according to the usual rules in the Payment Schedule (ie. 50%).

03030	Ventriculoscopy	824.54	6
T03031	Ventriculoscopy, third ventriculostomy	1,265.01	6
T03032	Ventriculoscopy/endoscopy biopsy of intraventricular or intracranial lesion ...	1,265.01	6
T03033	Ventriculoscopic retrieval of foreign body.....	1,265.01	6
T03034	Ventriculoscopy and fenestration of cyst or septum pellucidum, or lysis of adhesions	1,265.01	
T03035	Ventriculoscopic resection of intraventricular tumour.....	2,527.32	6
T03036	Ventricular shunt with ventriculoscopic guidance.....	1,054.17	6

Extra-cranial Vascular Procedures

03141	Cerebral re-vascularization procedure with extracranial-intracranial anastomosis.....	1,836.13	9
03142	Application of Silverstone clamps (operation only).....	550.84	5

Spinal

03151	Stereotaxic surgery - spine.....	775.93	5
03152	Bischoff's or longitudinal myelotomy	918.07	5
03176	Percutaneous cordotomy.....	965.09	4
03177	Cordotomy	775.93	5
03178	Rhizotomy.....	914.46	5
03108	Facet rhizotomy	777.47	4
03150	Laminectomy, 03153, 03155 for selective posterior rhizotomy	1,231.82	5
03153	Laminectomy with DREZ lesion for pain	1,381.55	6

	\$	Anes. Level	
03155	Laminectomy for haematoma, tumour or vascular malformation	930.59	6
	Laminectomy for cervical disc:		
03156	- one level	722.59	6
03157	- multiple levels	792.88	6
	Laminectomy for lumbar disc:		
03158	- one level	652.65	5
03159	- multiple levels	655.18	5
03160	Laminectomy for congenital spinal malformation or tethered spinal cord	1,333.45	5
03161	Laminectomy for localized spinal stenosis(two levels or less)	757.94	5
03162	Laminectomy for generalized spinal stenosis (more than two levels)	1,180.87	5
03168	Laminectomy for intradural spinal cord or extra-medullary tumour or vascular malformation by micro-surgical technique	1,785.32	7
03180	Multiple level laminectomy for cervical cord compression, 3 or more levels	1,391.73	6
03163	Anterior cervical discectomy and fusion - one level	792.88	6
03164	- multiple levels	1,010.40	6
S03165	Insertion of intracranial pressure monitoring device - operation only.....	290.41	6
03166	Removal of thoracic disc	845.51	8
03185	Postero-lateral microsurgical thoracic discectomy	1,264.78	8
03174	Trans-thoracic or trans-abdominal removal of thoracic disc; team procedure - Neurosurgeon	1,215.92	8
03179	- Thoracic or General Surgeon.....	461.43	8
S03167*	Insertion of skull tongs (operation only).....	123.85	4
03169	Fracture of spine without cord injury - open reduction and fusion.....	673.51	7
03170	- in conjunction with orthopaedic surgeon (operation only).....	636.72	
03172	Fracture of spine with cord injury - open reduction and fusion.....	919.01	7
03173	- in conjunction with orthopaedic surgeon (operation only).....	636.72	
03183	Microsurgical repair of meningocele	1,720.73	6
03175	Repair of meningocele or encephalocele (for Plastic Surgeons' fee, see item 06163).....	982.11	6
03215*	Insertion of spinal subarachnoid catheter (operation only)	45.72	2
03218	Replacement of spinal subarachnoid catheter access device with infusion pump for spinal subarachnoid infusion (operation only).....	453.10	3
03219	Insertion of spinal subarachnoid device reservoir in paraspinal region (operation only).....	384.00	3
	<i>Note: 03219 to include insertion of spinal subarachnoid catheter.</i>		
03220	Insertion of spinal subarachnoid catheter access device-reservoir/pump in anterior chest wall or abdominal wall (operation only)	614.40	3
	<i>Note: 03220 to include insertion of spinal subarachnoid catheter.</i>		
03231	Repair of spinal CSF leak or pseudomeningocele	587.42	5
03301	Laminotomy for insertion of spinal stimulator electrode for chronic pain (operation only).....	275.97	5
03302	Percutaneous fluoroscopically controlled insertion of spinal stimulator electrode for chronic pain (operation only).....	156.68	2
03303	Implantation of pulse generator or receiver for chronic pain stimulation (operation only).....	353.45	3
03304	Implantation of spinal stimulator (complete system), to include implantation of pulse generator/receiver		
	- using percutaneous electrode (operation only).....	496.99	3
03305	- using laminotomy electrode (operation only)	555.46	5
03306	Revision of spinal/cranial stimulator pulse generator	353.45	3
03307	Removal of spinal/brain stimulator system.....	233.88	3

\$ Anes.
Level

Hydrocephalus

03181	Shunt for ventricular obstruction.....	991.83	6
03182	- revision	991.83	6
03184	Lumbar peritoneal shunt for hydrocephalus.....	991.83	5
S03188	Ventriculostomy or insertion of external ventricular drain (operation only)	283.87	6
S03240	Implantation of totally implantable ventricular access device (eg., Ommaya reservoir) - (operation only)	458.81	6

Note: 03240 not to be used for external ventricular drain.

Peripheral Nerve

S03196	Exploration, mobilization and transposition	276.06	2
03198	Neurectomy of major nerve	218.14	2
03200	Secondary suture including transposition.....	564.17	3
03201	Secondary suture of major nerve	429.30	3
03204	Hypoglossal-facial anastomosis	668.64	4
03205	Nerve graft	423.49	3
03207	Microsurgical removal of neoplasm – major peripheral nerve.....	799.49	3

Brachial Plexus Surgery:

03045	Brachial plexus exploration for neurolysis, primary repair or tumour removal.....	951.39	3
03046	Post traumatic delayed or repeat exploration in brachial plexus surgery, extra	237.21	3
03047	Intraoperative diagnostic monitoring in brachial plexus surgery, extra	209.31	
03048	Nerve graft done in addition to brachial plexus exploration, extra per graft	190.28	

Note: Includes harvesting of graft.

03049	Neurotization in brachial plexus surgery, extra	443.99	
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Miscellaneous

03100	Intraoperative ultrasound during neurosurgery, extra	40.09	
03211	Muscle biopsy.....	54.72	2
S03216*	Puncture of ventricular shunt for CSF aspiration (operation only)	35.51	2
S03217	Percutaneous ventricular puncture (operation only)	126.87	2
T03227	Neurosurgical interpretation and written report of submitted x-ray films (including CT scan, MRI).....	50.80	

Note: Not payable in addition to a consultation rendered within 2 months (+/-) on the same patient on referral by the same physician.

		\$	Anes. Level
03230	Repeat Neurosurgery	3,786.22	
	Notes:		
	i) For neurosurgical procedure repeated within 21 days of initial procedure, full listed fee applies.		
	ii) For neurosurgical procedure repeated after 21 days of initial procedure, an additional 25 percent of the listed fee may be claimed for qualifying procedures, under fee item 03230.		
	iii) Applicable only to the following neurosurgical procedures:		
	<u>Cranial:</u>		
	- reoperation for residual or recurrent brain tumour		
	<u>Spinal:</u>		
	- reoperation for residual or recurrent spinal tumour (intradural or extradural).		
	- reoperation for recurrent lumbar disc or spinal stenosis.		
	- spinal reoperation for tethering of myelomeningocele or lipomyelomeningocele.		
	iv) Not applicable to shunt revisions or re-opening of cranial wound for removal of bone flap.		
	v) Not applicable to fee items 03130 or 03135.		
03065	Neurosurgical component of cranial facial resection for tumour of ethmoid, frontal sinus or orbit, as a combined procedure with ENT (See also fee code 02280)	1,607.89	7
	Note: Not billable for exposure only.		
03224	Neurosurgical component of microsurgical removal of cerebellar pontine angle tumour.....	1,848.77	8
	Note: Not billable for exposure only.		
T03221	Implantation of vagal nerve stimulator – to include electrodes and stimulator	521.11	4
T03223	Replacement of stimulator component of vagal nerve stimulator	217.22	3
T03225	Removal of vagal nerve stimulator and electrodes	383.98	4

Diagnostic Procedures

	Puncture procedures for obtaining body fluids (when performed for diagnostic purposes):		
SY00750	Lumbar puncture in a patient 13 years of age and over.....	51.94	2
	Note: Procedure not payable with Critical Care sectional fee items or chemotherapy fee items.		

Vertebra, Facette and Spine

	Note: Asterisk items (*) - operation only - refer to Orthopaedic Preamble 1.		
	Incision - Therapeutic, Percutaneous:		
*58205	Injection/aspiration facet joint	90.89	2
*58210	Discogram.....	90.89	2
	Incision - Therapeutic, Drainage:		
*58250	Abscess or Hematoma, Extraspinal, under GA.....	181.78	4
	Excision - Diagnostic, Percutaneous:		
S11830	Needle Biopsy - soft tissue/bone, thoracic spine, under GA.....	209.04	2
S11831	Needle Biopsy - soft tissue/bone, lumbar spine, under GA.....	181.78	2

	\$	Anes. Level
Excision - Diagnostic, Open:		
11845	Biopsy, with GA236.30	3
<i>Note: Not payable with definitive spinal surgery.</i>		
Excision - Therapeutic, Endoscopic:		
58305	Percutaneous discectomy263.58	3
Excision - Therapeutic, Open:		
<u>Decompression – Anterior:</u>		
Discectomy with or without fusion:		
58370	Cervical - single level.....608.95	6
58375	Cervical - two or more levels786.20	6
58376	Thoracolumbar- includes decompression1,404.22	8
<u>Vertebral body resection:</u>		
58385	Cervical.....1,590.56	6
58386	Thoracolumbar1,854.12	8
Introduction and/or Removal, Therapeutic:		
58410	Removal of spinal instrumentation499.90	5
Repair, Revision, Reconstruction (Bone, Joint):		
<u>Stabilization - Posterior</u>		
58605	Cervical - Simple, single or multiple level (includes Gallie Fusion).....527.15	6
58610	Cervical - Segmental (includes C1-2 transarticular screws)1,058.85	6
58615	Thoracolumbar - without instrumentation477.17	5
58620	Thoracolumbar - simple Instrumentation (Harrington or wires or screw, etc.)754.38	7
58625	Thoracolumbar - segmental instrumentation and spinal fusion.....1,217.91	7
58630	Thoracolumbar - segmental instrumentation and fusion with decompression - single level1,536.02	7
58635	Thoracolumbar - segmental instrumentation and fusion with decompression - multiple levels1,799.60	7
<u>Stabilization - Anterior</u>		
58640	Cervical - stabilization alone (with Neurosurgeon).....490.80	6
58645	Cervical - with plates and discectomy963.42	6
58650	Cervical - with plates and vertebrectomy1,722.34	6
58655	Thoracolumbar - approach and stabilization alone (with Neurosurgeon)927.07	8
58660	Thoracolumbar - Instrumentation with anterior release or vertebrectomy1,985.91	8
<i>Note: 58655 and 58660 are payable in full when done in conjunction with posterior instrumentation and fusion.</i>		
Deformity Correction:		
<u>Anterior release / Osteotomy:</u>		
58670	Thoracolumbar1,404.22	8
58675	Thoracolumbar - with anterior instrumentation and correction.....1,667.81	8
<u>Posterior Osteotomy with Instrumentation:</u>		
58680	Cervical.....2,381.28	6
58685	Thoracolumbar2,381.28	7
<u>Posterior Instrumentation and Fusion:</u>		
58690	Adult1,722.34	7
58695	Pediatric.....1,404.22	7

	\$	Anes. Level
Fracture and/or Dislocation (Cervical Spine):		
<u>Cervical</u>		
*58710	Application of Halo.....181.78	4
58715	ORIF981.60	7
<u>Thoracolumbar</u>		
58725	ORIF with segmental fixation alone.....1,272.44	7
58726	ORIF with segmental fixation and decompression.....1,536.02	7

Skull Base Procedures

02262	Translabyrinthine approach for neurosurgical access exposure, closure with microscope.....1,866.13	8
02610	Middle cranial fossa approach without petrosectomy - for trauma, neoplasm resection, nerve section/decompression1,389.43	8
Notes:		
i) Includes exposure, removal and closure with microscope.		
ii) May include extra-dural resection of lesion by Otolaryngologist.		
02612	Middle cranial fossa approach - petrosectomy.....1,861.59	8
02613	Middle cranial fossa approach - petrosectomy - procedure lasting longer than 8 hours.....2,326.86	8
Note: 02612 and 02613 to include exposure, extra-dural removal and closure with microscope.		
02614	Retrolabyrinthine approach for neurosurgical access - exposure, closure with microscope.....1,163.40	8
02618	Repair of CSF leak following skull base approaches with mastoid obliteration - to include exposure, dissection and closure with microscope.....931.13	8
02622	Infra-temporal fossa approach to skull base - Otolaryngology fee.1,861.59	8
02623	Infra-temporal fossa approach to skull base - Otolaryngology fee for procedure lasting longer than 8 hours.....2,326.86	8
Notes:		
i) 02622 and 02623 to include exposure and closure with microscope.		
ii) May include extra-dural resection of lesion by Otolaryngologist.		
iii) Time is based on the cumulative time spent by the Otolaryngologist on the procedure		

Microsurgery

Microneural Surgery:		
Neurolysis:		
06210	- external.....281.95	2
06211	- intraneural.....429.58	
Microfascicular neuroorrhaphy, primary:		
06212	- digital or palmar.....281.95	
06213	- major nerve.....601.83	2
Interfascicular nerve graft (to include harvest of graft):		
06214	- digital or palmar.....422.41	2
06215	- major nerve.....1,230.31	4