

ADVANCED SURGICAL PRIVILEGES LIST / NEUROSURGERY

CSF Diversions	Type of Facility		
	Hospital	Day care	Clinic under LA
1. Cranial endoscopic procedures, including 3rd ventriculostomy and others	✓	✗	✗

Neuro-oncology surgeries	Type of Facility		
	Hospital	Day care	Clinic under LA
1. Cranial endoscopic resection procedures	✓	✗	✗
2. Craniotomy for tumor resection (Supratentorial Convexity / parasagittal / falcine extra-axial lesion)	✓	✗	✗
3. Stereotactic guided surgery for brain lesions including biopsy and micro craniotomy	✓	✗	✗
4. Robot-assisted surgery for brain biopsy and resection	✓	✗	✗
5. Insular / eloquent-area glioma resections with awake language / motor mapping	✓	✗	✗
6. Cerebellar tumor resection	✓	✗	✗
7. Fourth ventricle & brainstem-adjacent lesions resection	✓	✗	✗

Cerebrovascular Neurosurgery	Type of Facility		
	Hospital	Day care	Clinic under LA
1. Microsurgical aneurysm clipping	✓	✗	✗
2. Parent-vessel occlusion/trapping ± bypass for complex/fusiform aneurysms (e.g., STA-MCA, high-flow graft)	✓	✗	✗
3. Brain AVM microsurgical resection	✓	✗	✗
4. Dural AVF microsurgical disconnection/sinus skeletonization	✓	✗	✗
5. Cavernous malformation excision	✓	✗	✗
6. Moyamoya/steno-occlusive revascularization: direct (STA-MCA) and indirect (EDAS/EMS) bypass	✓	✗	✗
7. Carotid endarterectomy (CEA)	✓	✗	✗

Endovascular Procedures	Type of Facility		
	Hospital	Day care	Clinic under LA
1. Diagnostic cervico cerebral digital subtraction angiography (DSA)	✓	✓	✗
2. Cerebral/cranial venography and venous manometry	✓	✓	✗

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3. Mechanical thrombectomy for acute ischemic stroke (stent-retriever or aspiration)	✓	✗	✗
4. Intra-arterial thrombolysis	✓	✗	✗
5. Carotid artery angioplasty and stenting (CAS)	✓	✗	✗
6. Intracranial angioplasty and/or stenting for atherosclerotic stenosis	✓	✗	✗
7. Aneurysm primary coiling	✓	✗	✗
8. Balloon-assisted (remodeling) coiling	✓	✗	✗
9. Stent-assisted coiling	✓	✗	✗
10. Intrasaccular flow-disruption (e.g., WEB)	✓	✗	✗
11. Flow-diverting stents	✓	✗	✗
12. Parent artery occlusion/trapping	✓	✗	✗
13. Balloon test occlusion	✓	✗	✗
14. Intra-arterial vasodilator infusion for vasospasm	✓	✗	✗
15. Balloon angioplasty for vasospasm	✓	✗	✗
16. Brain AVM embolization (transarterial or transvenous; liquid embolics/coils/particles)	✓	✗	✗
17. Dural arteriovenous fistula (dAVF) embolization (transarterial/transvenous)	✓	✗	✗
18. Spinal AVF/AVM embolization	✓	✗	✗
19. Middle meningeal artery embolization (MMAE) for chronic subdural hematoma	✓	✗	✗
20. Pre-operative tumor embolization (e.g., meningioma, head & neck)	✓	✗	✗
21. Epistaxis/craniofacial hemorrhage embolization	✓	✗	✗
22. Cerebral venous sinus thrombosis endovascular therapy (catheter-directed thrombolysis/thrombectomy, selected cases)	✓	✗	✗
23. Venous sinus stenting for idiopathic intracranial hypertension (IIH)	✓	✗	✗
24. Carotid/cerebrovascular blowout syndrome endovascular control (embolization or covered stent)	✓	✗	✗

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Skull Base Neurosurgery	Type of Facility		
	Hospital	Day care	Clinic under LA
1. Expanded endonasal approaches (planum/tuberculum sellae, clivus, craniovertebral junction/odontoid)	✓	✗	✗
2. Endonasal CSF-leak/encephalocele repair with vascularized nasoseptal (Hadad-Bassagasteguy) flap	✓	✗	✗
3. Pterional/frontotemporal skull-base approaches	✓	✗	✗
4. Cranio-orbito-zygomatic (COZ/"orbitozygomatic") approach	✓	✗	✗
5. Anterior clinoidectomy and cavernous-sinus (parasellar) approaches	✓	✗	✗
6. Anterior petrosal (Kawase) petrosectomy	✓	✗	✗
7. Posterior/trans petrosal routes (retrolabyrinthine/translabyrinthine) for petroclival/CPA lesions	✓	✗	✗
8. Far-lateral/retrocondylar approach to foramen magnum & ventrolateral brainstem	✓	✗	✗
9. Craniotomy for pineal gland lesion and tectal lesion	✓	✗	✗
10. Posterior fossa microvascular decompression procedures	✓	✗	✗
11. Transsphenoidal surgery for sellar/para/supra sellar lesions and repair of cerebrospinal fluid leak	✓	✗	✗
12. Surgery for brainstem lesion	✓	✗	✗
13. Reconstruction of skull base defect to treat CSF leak	✓	✗	✗

Epilepsy Procedures	Type of Facility		
	Hospital	Day care	Clinic under LA
1. Lesionectomy/focal cortical resection (e.g., focal dysplasia, cavernoma)	✓	✗	✗
2. Anterior temporal lobectomy/selective amygdalohippocampectomy	✓	✗	✗
3. Laser interstitial thermal therapy (LITT) for mesial temporal or focal lesional epilepsy	✓	✗	✗
4. Stereoelectroencephalography (SEEG) depth-electrode implantation; subdural grids/strips for mapping (Invasive EEG monitoring)	✓	✗	✗
5. Corpus callosotomy	✓	✗	✗
6. Hemispherectomy/hemispherotomy	✓	✗	✗
7. Hypothalamic hamartoma disconnection/ablation	✓	✗	✗

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Functional Neurosurgery	Type of Facility		
	Hospital	Day care	Clinic under LA
1. Deep Brain Stimulation (DBS) – cranial lead implantation and IPG placement	✓	✗	✗
2. DBS programming and troubleshooting (clinic)	✓	✓	✗
3. Vagal Nerve Stimulation (VNS) implantation	✓	✗	✗
4. MR-guided focused ultrasound (MRgFUS) thalamotomy (with radiology)	✓	✗	✗
5. Responsive neurostimulation (RNS) for focal epilepsy	✓	✓	✗
6. Spinal cord stimulation (SCS)	✓	✗	✗
7. Dorsal root ganglion (DRG) stimulation	✓	✗	✗
8. Peripheral nerve stimulation (PNS) implants	✓	✗	✗
9. Intrathecal drug delivery system pumps (e.g., baclofen for spasticity; morphine for pain)	✓	✗	✗
10. Trigeminal neuralgia procedures: microvascular decompression; percutaneous rhizotomy (RF/glycerol/balloon); stereotactic radiosurgery	✓	✗	✗
11. Stereotactic radiosurgery (SRS); planning/targeting (with radiation oncology/physics)	✓	✗	✗

Spine Surgeries	Type of Facility		
	Hospital	Day care	Clinic under LA
1. Laminectomy/laminotomy; discectomy/microdiscectomy (cervical/thoracic/lumbar)	✓	✓	✗
2. Anterior Odontoid screw	✓	✗	✗
3. Anterior cervical discectomy corpectomy and instrument	✓	✗	✗
4. Occipitocervical instrumentation	✓	✗	✗
5. Posterior decompression and instrumentation of subaxial cervical spine	✓	✗	✗
6. Thoracolumbar instrumentation & fusion: posterolateral fusion, pedicle-screw fixation	✓	✗	✗
7. Interbody fusion techniques: TLIF/PLIF/ALIF/LLIF (MIS or open)	✓	✗	✗
8. Corpectomy with anterior/posterior reconstruction (cervical/thoracolumbar)	✓	✗	✗
9. Deformity correction (osteotomies, long-segment fixation)	✓	✗	✗
10. Minimally invasive spine (tubular/endoscopic) decompression/fusion	✓	✗	✗
11. Spinal tumor surgery: intramedullary resection; intradural extramedullary tumor resection; metastatic decompression/stabilization	✓	✗	✗

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12. Tethered cord release; dysraphism/diastematomyelia surgery	✓	✗	✗
13. Cordotomy, rhizotomy dorsal root entry zone lesionectomy for the relief of pain / spasticity	✓	✗	✗

Interventional Spine & Pain (Image-Guided)	Type of Facility		
	Hospital	Day care	Clinic under LA
1. Epidural steroid injections (ESI): caudal, interlaminar, transforaminal (lumbar/cervical/thoracic)	✓	✓	✓
2. Facet joint interventions: diagnostic medial branch blocks (MBB) and radiofrequency ablation (RFA)	✓	✓	✓
3. Sacroiliac (SI) joint injections; SI lateral branch RFA	✓	✓	✓
4. Selective nerve root blocks; transforaminal therapeutic injections	✓	✓	✓
5. Sympathetic blocks (stellate, lumbar)	✓	✓	✓
6. Percutaneous vertebroplasty / balloon kyphoplasty	✓	✓	✗
7. CT/Fluoroscopy-guided spine biopsy	✓	✓	✗
8. Percutaneous nucleoplasty for disc disease	✓	✓	✗

Peripheral Nerve Procedures	Type of Facility		
	Hospital	Day care	Clinic under LA
1. Peripheral nerve repair/grafting; neuroma management	✓	✗	✗
2. Brachial plexus exploration and reconstruction	✓	✗	✗
3. Excision of nerve sheath tumors (schwannoma, neurofibroma) with functional preservation	✓	✗	✗
4. Nerve blocks	✓	✓	✗
5. Nerve biopsy	✓	✓	✗
6. Muscle biopsy	✓	✓	✗

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Pediatric Neurosurgery	Type of Facility		
	Hospital	Day care	Clinic under LA
1. Surgery for craniosynostosis	✓	✗	✗
2. Management of congenital anomalies, such as encephalocele, meningocele, myelomeningocele	✓	✗	✗
3. Pediatric neuro-oncology resections	✓	✗	✗
4. Pediatric hydrocephalus (EVD/ETV/shunts)	✓	✗	✗
5. Pediatric neuro-endoscopy			
a. Third ventriculostomy	✓	✗	✗
b. Choroid plexus cauterization	✓	✗	✗
c. Lavage for neonatal/post-hemorrhagic IVH/PHH	✓	✗	✗
d. Fenestration of intracranial arachnoid cysts	✓	✗	✗
e. Foraminoplasty (foramen of Monro)	✓	✗	✗
f. Aqueductoplasty and fenestration of loculated/compartimentalized hydrocephalus (multiloculated ventricles)	✓	✗	✗
6. Surgery for Chiari malformation	✓	✗	✗