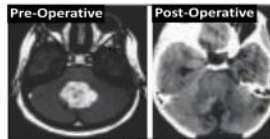
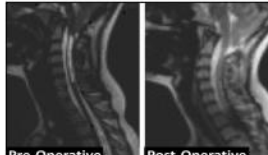


Paediatric Neurosurgery Services

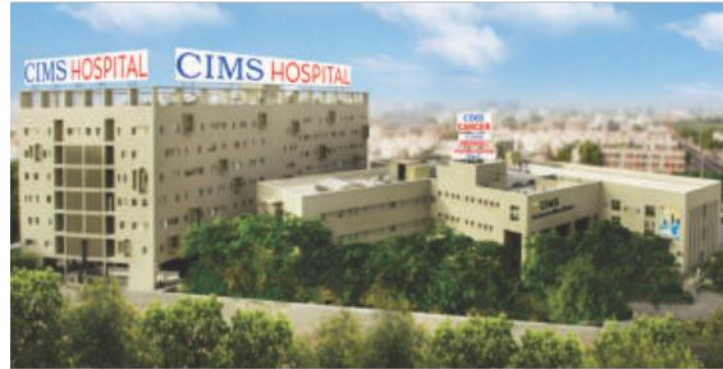
- ◆ Hydrocephalus: endoscopic ventriculostomy, shunt surgery
- ◆ Pediatric brain and spine tumor surgery
- ◆ Spinal dysraphism and tethered cord surgery
- ◆ Craniosynostosis correction
- ◆ Occipitocervical decompression for Chiari malformation



Brain Tumor
(Medulloblastoma) Excision

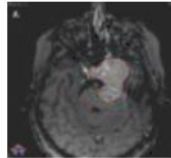


Chiari Malformation with syrinx -
Posterior Fossa Decompression



Functional & Stereotactic Surgery

- ◆ Epilepsy surgery
- ◆ Pain management surgery
- ◆ Spasticity surgery (Baclofen pump)
- ◆ Deep brain stimulation



Technological Excellence at CIMS

- ◆ Moller Wedel operating microscope with stereo co-observe and camera system
- ◆ Craniotome
- ◆ Gujarat's First Carl Zeiss Pentero 900 Microscope (High - end path breaking innovation for enhanced visualization during surgery)
- ◆ LED OT light
- ◆ Inbuilt OT cameras for direct relay and transmission of cases in auditorium
- ◆ Experienced nursing staff, medical officers and infrastructure, high tech ICU set-ups for high risk and major operative procedures
- ◆ Reliable back-up of good surgical ICU facilities
- ◆ Vast experience in the field of Brain and Spine diseases with the latest Microsurgical techniques

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"CIMS Hospital" (India) application available



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CIMS NEURO & SPINE SURGERY



Safe Brain & Spine Surgery

CIMS
CARE INSTITUTE OF MEDICAL SCIENCES
Earning Trust with World-Class Practices



Neurosurgery

Neurosurgery is a specialty concerned with the diagnosis and treatment, both surgical and non-surgical, disorders of the nervous system, which includes the brain, skull, spinal column & spinal cord.



At CIMS, state-of-the-art surgical and microsurgical techniques are employed to diagnose, treat and alleviate pain and disability caused by neurological problems.

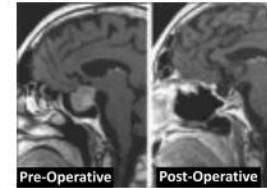
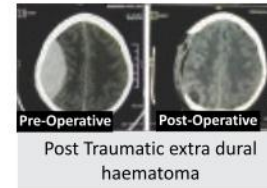
Alongwith skilled Neuro Surgeon, a highly qualified team of anaesthesiologists, nurses, and medical staff guide the patient through the entire process aiding a smooth procedure and recuperation.

“Minimally invasive surgery for a focussed exposure in the region of brain, spine or skull base resulting in limited manipulations and disturbance to surrounding normal neural tissues along with accelerated recovery time.”



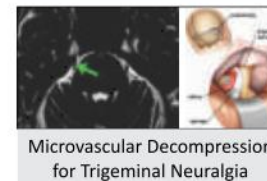
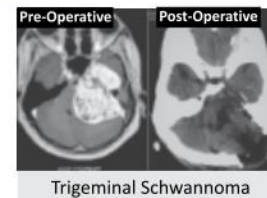
Brain Surgery Services

- ◆ Cranial trauma
- ◆ Brain tumor surgery
- ◆ Microscopic/ endoscopic transnasal pituitary tumor excision
- ◆ Neuro vascular lesions: aneurysm, AVM
- ◆ Stroke surgery: brain hemorrhage, carotid endarterectomy
- ◆ Stereotactic surgery
- ◆ Cranioplasty
- ◆ Epilepsy surgery



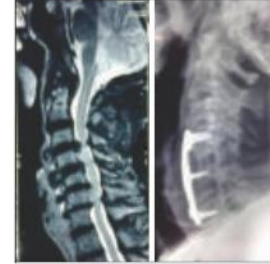
Skull Base Surgery Services

- ◆ Skull base tumor excision : acoustic neuromas, chordomas
- ◆ Cerebro spinal fluid leaks
- ◆ Craniofacial deformities
- ◆ Cranial base osteomyelitis
- ◆ Micro vascular decompression for trigeminal neuralgia, hemifacial spasm



Spine Surgery Services

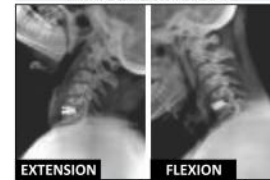
- ◆ Minimally Invasive Spine Surgery (MISS): microdiscectomy, decompression laminectomy, laminoplasty and spine fusion
- ◆ Spinal tumor, vascular malformation excision
- ◆ Percutaneous kyphoplasty and vertebroplasty for spine fractures
- ◆ Cervical and lumbar artificial disc replacement surgery
- ◆ Correction of scoliosis and other deformities
- ◆ Spine stabilisation: spondylolisthesis, Koch's Spine, traumatic fractures
- ◆ Spasticity surgery (Baclofen pump)
- ◆ Spinal cord stimulator for chronic pain



Cervical Compressive Myelopathy - Decompression, Bone Grafting and Stabilization



Cervical Intradural Total Tumor Excision



Koch's Spine - Thoracotomy Decompression and Stabilization



Koch's Spine - Decompression and Stabilization