



# Committed to Excellence in **NEUROSURGERY**



The Department of Neuro Surgery at Zydus Hospitals deals with Brain, Spine, Spinal Cord and peripheral nerves. Our neuro surgeons perform complex neurosurgical procedures with highest accuracy and precision, with the advancements in operating microscopes & using minimally access modalities, they have successfully performed complex brain surgeries.

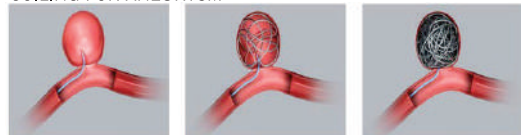
## **Centre for advanced minimally invasive 3DNeuro-intervention**

Neuro-intervention means treatment approach to medical conditions that occur within the vessels of the brain or within the spinal cavity. Using advanced techniques this replaces the need for invasive procedures which require opening the skull or exposing the spinal column, neuro-interventional procedures are minimally invasive –these procedures are completed through tiny incisions not big scars.

FLOW DIVERTER STENT



COILING FOR ANEURYSM



THROMBECTOMY



## Some of the commonly performed Neuro interventions / surgeries:

### EXPERTISE

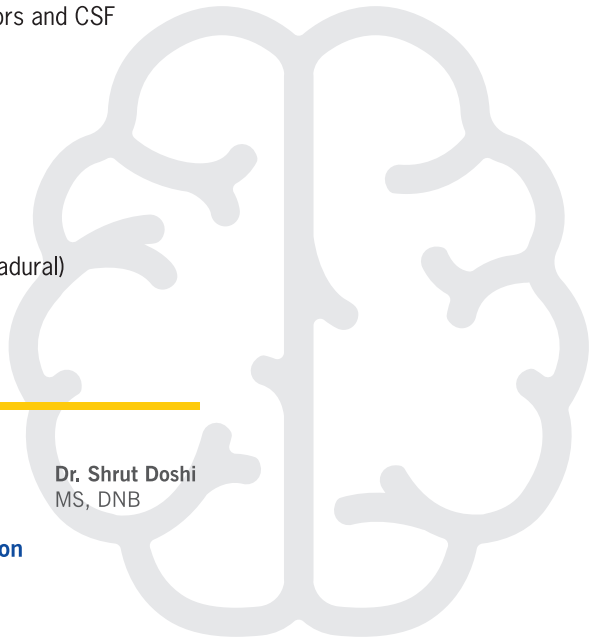
- Aneurysm Coiling & FD (Flow Diverter)
- Stroke Intervention
- Arteriovenous Malformations (AVMs) & Tumor Embolization
- Carotid Cavernous Fistula (CCF)
- Carotid Angioplasty and Stenting

### MICRONEUROSURGERY

- Microneurosurgery for Brain and Spine tumors
- Endoscopic Surgery for pituitary tumors and CSF leak
- Trigeminal Neuralgia Microvascular decompression (MVD)

### OTHER BRAIN SURGERY

- Base of Skull Surgery
- Pituitary tumour Surgery
- Cervical / Lumbar Spine Surgery (intradural)
- Functional Neurosurgery
- Brain Tumour Excision
- DBS (Deep Brain Stimulation)



### Neurosurgery

Dr. Dipak Patel  
MS, M.Ch

Dr. Ravi Chauhan  
MS, M.Ch

Dr. Shrut Doshi  
MS, DNB

### Neurosurgery & Endovascular Intervention

Dr. Kalpesh Shah  
MS, M.Ch

Dr. Yagnesh Saija  
MS, M.Ch



Scan to know more about our offerings

**Endovascular Surgery | Trans-nasal Tumor Surgery  
Awake Brain Surgery | 3 D Implant Tumor Surgery**



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