

DR. PRANOY HEGDE

Consultant - Neurosurgery

Qualification

MBBS | M.S. General Surgery | MCh - Neurosurgery

Overview

Dr. Pranoy Hegde is a highly skilled neurosurgeon in Yelahanka. He is currently practising as a Consultant - Neurosurgery at Manipal Hospitals Yelahanka, Bangalore, bringing over a decade of clinical expertise and surgical precision to the management of complex brain, spine, and peripheral nerve disorders. Recognised as one of the best neurosurgeons in Yelahanka, Dr. Hegde has performed more than 1,600 neurosurgical procedures with consistently positive clinical outcomes, establishing a reputation for excellence in patient care, safety, and post-operative recovery. His approach integrates advanced surgical techniques, meticulous pre-operative planning, and a patient-centred philosophy, ensuring optimal results across both routine and highly complex neurosurgical interventions. Dr. Hegde’s clinical expertise spans cranial, spinal, and peripheral nerve surgeries. His cranial surgery experience includes excision of complex brain tumours, cerebellopontine angle tumours, endoscopic transnasal transsphenoidal pituitary surgeries, aneurysm clippings, arteriovenous malformation excisions, and functional neurosurgeries such as microvascular decompression for trigeminal neuralgia and hemifacial

spasm. In spine surgery, he has independently performed C1-C2 posterior fixations, odontoid screw fixations, anterior and posterior spinal stabilisations, transforaminal lumbar interbody fusions (TLIF), micro-lumbar discectomies, and spinal cord tumour resections, including minimal access spine surgery (MISS). Additionally, Dr. Hegde's proficiency extends to peripheral nerve procedures like carpal tunnel release, highlighting his versatility across neurological interventions. Dr. Hegde's training and mentorship under esteemed neurosurgeons at a renowned Medical College, combined with his extensive residency and MCh experience, have honed his surgical skills and clinical judgment. He has also contributed to the academic community through research and publications in national and international journals, including studies on 3D printed patient-specific acrylic prostheses for cranioplasty, microdiscectomy outcomes, and CNS tumour management. He has presented research at conferences such as NSICON, KNACON, and KSCASICON, sharing his expertise in cranioplasty, chronic subdural hematoma management, and novel neurosurgical techniques with peers and postgraduate trainees. Beyond surgery, Dr. Hegde is actively involved in neuro-critical care management, acute trauma care, and multi-disciplinary patient management. He is adept at leading neurosurgical teams, mentoring junior neurosurgical trainees, and implementing best practices in operative and post-operative care. His holistic approach ensures that each patient receives comprehensive care from diagnosis through recovery, prioritising both functional outcomes and quality of life. With a reputation for precision, empathy, and professionalism, Dr. Pranoy Hegde stands out as one of the best neurosurgeons in Yelahanka, trusted by patients seeking expert care for brain, spine, and peripheral nerve conditions.

Fellowship & Membership

- Lifetime Member - Neurological Society of India (NSI).

Field of Expertise

- Brain Surgery.
- Complex brain tumour excision (including CPA tumours).
- Endoscopic transnasal transsphenoidal pituitary surgery.
- Aneurysm clipping & AVM excision.
- Functional neurosurgery: Microvascular decompression for trigeminal neuralgia & hemifacial spasm.
- Management of intracranial haemorrhage & neurovascular disorders.
- Spine Surgery.
- C1-C2 posterior fixation & odontoid screw fixation.
- MISS & open microlumbar discectomy.
- TLIF and spinal fusion procedures.
- Spinal cord tumour surgeries.
- Degenerative spine disease & trauma surgery.
- Trauma & Emergency Neurosurgery.
- Acute traumatic brain injury management.
- Chronic subdural hematoma surgeries.
- Neurocritical care & ICU management.
- Peripheral Nerve Surgery.
- Carpal tunnel release.
- Peripheral nerve decompressions.

Languages Spoken

- English
- Kannada
- Hindi
- Tulu

Awards & Achievements

- Best Outgoing Resident in Neurosurgery, MS Ramaiah Medical College (2019–2020).
- Performed 1600+ neurosurgical procedures with strong outcomes.
- Multiple paper/poster presentations at NSICON, KNACON, KSCASICON, & International meetings.

Talks & Publications

- Evaluation of implant properties, safety profile, and clinical efficacy of patient-specific acrylic prosthesis in cranioplasty using a 3D binderjet-printed cranium model: A pilot study, published in Journal of Clinical Neuroscience (2021).
- Anterior cervical microdiscectomy and fusion using stand-alone polyetheretherketone cage — a retrospective study, published in Journal of Clinical and Diagnostic Research (2021).
- Factor XIII deficiency and intracranial bleed: Surgical management and prophylaxis with cryoprecipitate, published in Journal of Paediatric Neurology (2022).
- Validating the efficacy of two burr-hole craniostomy over mini-craniotomy for chronic subdural hematoma drainage, published in the Asian Journal of Neurosurgery (2023).
- The single-staged decompressive surgery for tandem spinal stenosis: Analysis of outcomes, published in Asian Journal of Pharmaceutical and Clinical Research (2024).
- Intra-axial supratentorial tumours resection under fluorescein guidance with 560 nm yellow filter: A cross-sectional study, published in Journal of Clinical and Diagnostic Research (2024).