

DR. AJAY HEGDE

Consultant - Neuro-spine Surgery

Qualification

MBBS | MS (Gen Surgery) | MCh | DNB | FRCS (NeuroSurgery)

Overview

Dr. Ajay Hegde is a top neurosurgeon in Sarjapur Road, Bangalore. He is currently practising as a Consultant – Neuro-Spine Surgeon at Manipal Hospital, Sarjapur Road, Bangalore, and is widely regarded as a trusted deep brain stimulation doctor in Sarjapur Road for patients requiring advanced functional neurosurgical care. Dr. Hegde brings extensive cranial, spinal, and functional neurosurgery expertise, having performed over 3000 complex neurosurgical procedures. He focuses on delivering safe, precise, and effective treatment outcomes with a patient-centric approach. His surgical capabilities include brain and spine trauma management, deep brain stimulation (DBS), skull base surgeries, and treatment of neurovascular disorders. Dr. Hegde is known for combining clinical skills with cutting-edge technology to address neurological conditions accurately and compassionately. His academic background reflects his commitment to excellence. He completed an MBBS, MS in General Surgery, MCh in Neurosurgery, and DNB in Neurosurgery. He is also a Fellow of the Royal College of Surgeons of Edinburgh (FRCS Ed). He actively contributes to the field through research and innovations in digital health, data-driven

healthcare, and the application of artificial intelligence in neurosurgery. His work on cloud-based surgical logbooks and stroke registries has improved data accuracy, care delivery, and surgical education. Dr. Hegde's special interest lies in functional neurosurgery, including advanced techniques such as microvascular decompression, deep brain stimulation surgery and programming, and neuromodulation. As an experienced deep brain stimulation doctor in Sarjapur Road, he also treats craniovertebral junction anomalies, epilepsy, vascular malformations, and complex spine disorders. His expertise spans adult and paediatric neurosurgery, offering a holistic range of services from minimally invasive procedures to full cranial and spinal reconstructions. He uses intraoperative neuro-monitoring and magnification tools to enhance safety during critical surgeries. With a strong academic orientation, Dr. Hegde remains actively involved in training young neurosurgeons and developing competency-based surgical education platforms. He has presented award-winning research at national and international neurology and neurosurgery forums and continues to pursue academic excellence through continuous professional development and teaching. Dr. Hegde integrates innovation into practice by leveraging technologies such as neuronavigation, endoscopic surgery, and intraoperative imaging. His surgical protocols ensure patient safety while reducing recovery times and post-operative complications. He takes the time to explain procedures and treatment options in detail, enabling patients and families to make informed decisions. He is deeply committed to multidisciplinary collaboration and holistic patient management. From initial diagnosis and pre-operative planning to rehabilitation and follow-up, Dr. Hegde provides seamless care to ensure long-term recovery and improved neurological function. His empathetic communication and clinical excellence have earned him trust and appreciation from patients across age groups. Dr. Hegde speaks English, Kannada, Hindi, and Tulu, ensuring comfortable and clear communication with patients from diverse backgrounds. His ability to simplify complex neurological

concerns while maintaining transparency helps create a positive and reassuring treatment experience.

Fellowship & Membership

- Fellow of The Royal College of Surgeons of Edinburgh.

Field of Expertise

- Surgery for Parkinson's Disease, Tremor, Dystonia
- Epilepsy Surgery
- Pain Surgery
- Neurooncology
- Endoscopic Pituitary Surgery
- Complex and Minimal Invasive Spine Surgery
- Traumatic Brain Injury
- Surgery for Stroke

Languages Spoken

- English
- Kannada
- Hindi
- Tulu

Talks & Publications

- Manipal in a first of its kind in coastal Karnataka treats a Parkinson's Patient with Brain Stimulation garners media attention. Click Here
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Parkinson's Patient with Brain Stimulation garners media attention. Click Here

- https://www.youtube.com/watch?v=t7KrNLhpG3E
- Manipal Hospitals Sarjapur Road: Dr. Ajay Hegde on Trampoline Safety: Balancing Fun and Risk - Tips to Protect Your Child from Serious Injuries | Economic Times. Click Here
- Manipal Hospitals Sarjapur: Dr. Shiva Kumar and Dr. Ajay Hegde on Explained: The significance of World Movement Disorder Day | Asianet News. Click Here
- Manipal Hospitals Sarjapur: Dr. Ajay Hegde on Surgical options for Parkinson's Disease | Udayavani. Click Here
- Manipal Hospitals Sarjapur: Dr. Ajay Hegde on From diagnosis to recovery: A comprehensive guide to brain tumours | The Times of India. Click Here
- Parkinson's disease on the rise in young people: What are the reasons? Click Here