

DR. RATHIJIT MITRA

Senior Consultant - Neurosurgery

Qualification

MBBS | MRCS (Ireland) | FEBNS (Europe) | FRCS (Edinburgh)

Overview

Dr. Rathijit Mitra is an experienced and highly skilled Senior Consultant – Neurosurgery, practicing at Manipal Hospitals Saltlake. With more than 15 years of clinical experience in the field of neurosurgery, Dr. Mitra brings together advanced academic training, international exposure, surgical expertise, and a patient-focused approach to the management of complex brain, spine, and nerve-related disorders. His qualifications include MBBS, MRCS from Ireland, FEBNS from Europe, and FRCS from Edinburgh, reflecting his strong academic foundation and exposure to globally recognized neurosurgical standards. Dr. Mitra’s professional journey has been shaped by extensive training and clinical practice in both India and the United Kingdom. His postgraduate training in the UK provided him with hands-on experience in advanced neurosurgical care and helped strengthen his skills in managing complicated neurological conditions. This international exposure has enabled him to develop a broad understanding of modern neurosurgical techniques, evidence-based treatment planning, and multidisciplinary patient care. His experience across reputed healthcare institutions has allowed him to manage a wide range of

neurological conditions requiring both emergency and elective surgical intervention. Before his association with Manipal Hospital Saltlake, Dr. Rathijit Mitra served in important neurosurgical roles at several reputed institutions. He has worked as Associate Director in Neurosurgical Services at a renowned Multispecialty Hospital, Bhopal, where he contributed significantly to the development and delivery of advanced neurosurgical care. His experience also includes association with leading healthcare facilities in Kolkata as a consultant neurosurgeon. Over the years, he has built a strong reputation for handling challenging neurosurgical cases with precision, planning, and clinical judgement. Dr. Mitra’s core areas of expertise include brainstem tumours, neurotrauma, neuro-oncology, neuro-endoscopy, complex spinal neurosurgery, paediatric neurosurgery, and neurovascular surgery. These are highly specialized branches of neurosurgery that require detailed anatomical knowledge, refined surgical skills, and careful decision-making. Brain and spine conditions often affect vital functions such as movement, speech, balance, memory, sensation, and consciousness. Dr. Mitra’s approach focuses on accurate diagnosis, careful treatment planning, and the use of appropriate surgical or non-surgical options depending on the patient’s condition. One of the important strengths of Dr. Mitra’s practice is his experience in managing brain tumours and neuro-oncology cases. Brain tumours can be complex because of their location, size, growth pattern, and impact on nearby critical structures. Dr. Mitra is experienced in treating cases involving brainstem tumours and other intracranial lesions, where surgical precision is extremely important. Such cases often require a multidisciplinary approach involving neurosurgeons, neurologists, oncologists, radiologists, critical care specialists, and rehabilitation teams. His role is not only to perform surgery but also to guide patients and families through the entire treatment pathway with clarity and sensitivity. Dr. Mitra also has significant experience in complex spinal neurosurgery. Spine-related neurological conditions may include spinal tumours, spinal cord

compression, nerve root compression, traumatic spine injuries, and intradural spinal lesions. These conditions may present with symptoms such as persistent back pain, weakness, numbness, difficulty walking, bladder or bowel problems, or radiating pain in the arms or legs. Complex spinal neurosurgery requires careful evaluation because the spinal cord and nerves are delicate structures. Dr. Mitra's expertise in this area helps patients receive specialized care for conditions where timely diagnosis and treatment can play an important role in preserving neurological function. Another important area of Dr. Mitra's expertise is paediatric neurosurgery. Treating neurological conditions in children requires a different level of care because children are still growing, and their brain and nervous system development must be carefully considered. Dr. Mitra has experience in handling complex paediatric neurosurgical cases, including spinal intradural tumours in very young children. His profile mentions his involvement in the treatment of a spinal intradural tumour in a one-year-old child, which highlights his ability to manage highly delicate and challenging cases. Dr. Rathijit Mitra has also contributed to advanced epilepsy-related neurosurgical care. His profile notes that he performed Vagal Nerve Stimulator insertion for medically refractory epilepsy, reported as the third such procedure in the Eastern Zone of India. Medically refractory epilepsy refers to epilepsy that does not respond adequately to standard medicines. In selected patients, advanced treatment options such as vagal nerve stimulation may help reduce seizure burden and improve quality of life. This reflects Dr. Mitra's exposure to specialized neurosurgical interventions beyond conventional brain and spine surgeries. In the field of neurotrauma, Dr. Mitra manages patients with traumatic brain and spine injuries. Neurotrauma cases are often emergencies and may result from road traffic accidents, falls, workplace injuries, sports injuries, or other forms of trauma. These cases require rapid assessment, imaging, stabilization, and, when necessary, emergency surgery. A neurosurgeon's role in such situations is critical because timely intervention can influence survival,

recovery, and long-term neurological outcomes. Dr. Mitra's experience in neurotrauma adds to his comprehensive neurosurgical practice. Dr. Mitra is also skilled in neuro-endoscopy, a minimally invasive neurosurgical technique used in selected brain and spine conditions. Neuro-endoscopic procedures may allow surgeons to access deep-seated areas through smaller openings, depending on the condition and suitability of the case. Minimally invasive techniques can help reduce tissue disruption and may support faster recovery in selected patients. However, careful patient selection and surgical expertise are essential. Dr. Mitra's training and experience allow him to assess when such techniques may be appropriate. Alongside his clinical and surgical practice, Dr. Rathijit Mitra has a strong academic and research interest. He has attended multiple CMEs and conferences at national and international levels, helping him stay updated with developments in neurosurgery. His fellowship and professional memberships include Fellowship of the European Board of Neurological Surgeons, FRCSEd in Surgical Neurology, membership with the Society of British Neurological Surgeons, and associate membership with the European Association of Neurological Surgeons. These associations reflect his continued engagement with the neurosurgical academic community. Dr. Mitra has also contributed to medical publications. His listed publications include work on dysphasia secondary to spontaneous intraparenchymal pneumocephalus, published in the British Journal of Neurosurgery, and pyogenic ventriculitis and the 'lodge sign', published in Acta Neurochirurgica. Such academic contributions show his involvement in clinical research and case-based learning, which are important for advancing medical understanding and improving patient care. A key aspect of Dr. Mitra's practice is his communication with patients and families. Neurosurgical conditions can be stressful and emotionally overwhelming because they often involve the brain, spine, nerves, movement, speech, and overall quality of life. Dr. Mitra is known for combining surgical expertise with compassionate communication. His approach includes explaining the diagnosis,

discussing available treatment options, helping patients understand risks and benefits, and supporting families throughout the care journey. At Manipal Hospital Saltlake, Dr. Rathijit Mitra offers specialized neurosurgical care for adult and paediatric patients with brain, spine, and nerve-related disorders. His combination of international training, strong qualifications, complex surgical experience, academic involvement, and patient-centric care makes him a trusted specialist in the field of neurosurgery. Patients seeking expert care for brain tumours, spine disorders, neurotrauma, paediatric neurosurgical conditions, neurovascular diseases, and complex neurological conditions can consult Dr. Rathijit Mitra for comprehensive neurosurgical evaluation and treatment.

Fellowship & Membership

- Fellowship of European Board of Neurological Surgeons
- FRCSEd (Surgical Neurology)
- Member, Society of British Neurological Surgeons
- Associate Member, European Association of Neurological Surgeons

Field of Expertise

- Brainstem Tumors
- Neurotrauma
- Neuro-Oncology
- Neuro-Endoscopy
- Complex Spinal Neurosurgery
- Paediatric Neurosurgery
- Neurovascular Surgery

Languages Spoken

- English
- Bengali
- Hindi
- Urdu

Talks & Publications

- Speech bubble: dysphasia secondary to spontaneous Intraparenchymal pneumocephalus. (First Author) Published in August 2019 in BJN
- Pyogenic ventriculitis and the ‘lodge sign’ (Second Author) Published in August 2016 in Acta Neurochirurgica