

DR. SUNANDAN BASU

Consultant - Neurosurgery

Qualification

MBBS | FRCS | EANS | FEBNS

Overview

Dr. Sunandan Basu is a Consultant in the Department of Neurosurgery at Manipal Hospitals, E.M. Bypass, Kolkata, with 25 years of extensive experience in Neurosurgery and Spine surgery. After completing his MBBS in 1991, Dr. Basu pursued advanced training, earning his FRCS in Neurosurgery in 1998 and obtaining the European certificate of Neurosurgery/Fellow of European Board of Neurosurgery in 2008. Renowned for his expertise in treating complex Neurological conditions, Dr. Basu has established himself as a leading figure in neurosurgery, with a particular focus on brain aneurysm surgery, craniotomies, laminectomy, carpal tunnel surgery, and micro-endoscopic discectomy. His research interests lie in functional and complicated spine surgeries, further highlighting his commitment to advancing the field of neurosurgery. In addition to performing critical surgical procedures, Dr. Basu provides a range of diagnostic and imaging services tailored to address progressive neurological diseases. Dr. Basu is an esteemed member of professional bodies such as the Royal College of Surgeons, Fellow of the Royal College of Surgeons, European Certificate of Neurosurgery, British Society of Neurosurgical

society, Neurological Society of India, Association of Neurosurgical Spinal Spinal Surgeon, Movement Society of India and the European Association of Neurosurgeons, reflecting his dedication to maintaining high standards in his practice. With a career marked by significant contributions to the field of neurosurgery, Dr. Sunandan Basu remains a trusted name for patients seeking specialised care for Neurological disorders.

Fellowship & Membership

- Fellow of the Royal College of Surgeons.
- Member of European Association of Neurosurgeons, 2008.
- European Certificate of Neurosurgery.
- Member of the British Society of Neurosurgical Society.
- Member Of the Neurological Society of India.
- Member Association of Neurosurgical Spinal Surgeons.
- Member Movement Society of India.

Field of Expertise

- Spine Surgery
- Brain Aneurysm Surgery
- Micro Endoscopic Discectomy
- Craniotomy
- Decompression Microvascular
- Laminectomy
- Laminectomy (Cervical) with Fusion

Languages Spoken

- English
- Hindi

- Bengali

Awards & Achievements

- Peadatric Conference 2020 February: Faculty speaker.
- Spine Conference 2017: faculty Speaker: Tb Spine.
- Minimal Invasive Spine /DBS: 2017 Faculty Speaker UP/UK Neurocon.
- DBS: South Asia Conference 2016, Dhaka Faculty speaker.
- Spine conference Goa 2015, Faculty speaker.
- Spine Conference Chennai 2014: Vertebroplasty Faculty speaker.

Talks & Publications

- Ruptured Suprasellar Dermoid cyst presenting with chemical meningitis and blindness, NBEJMS 2025.
- Polycythemia Vera Presenting as Subdural Hematoma, Indrajit Rana, Laxmi N Tripathy, Sunandan Basu, Neurology India July-August 2022.
- Chronic Pseudomonas aeruginosa cervical osteomyelitis, Sujeet Kumar Meher, Harsh Jain, Laxmi Narayan Tripathy, Sunandan Basu.
- Predictors of Outcome Following Interventions for Ruptured Intracranial Aneurysms in an Emerging Health Institution in West Bengal: A 6-Year Experience, Asian Journal Of Neurosurgery, 2021 April-June 2021.
- Nondysraphic cervicomedullary intramedullary lipoma, SM, LNT, HJ, SB, Craniovertebral Spine July 2017.
- Neurocutaneous Melanosis with Hydrocephalus and Dandy-Walker Variant, Mohammad Sarwar, Laxminarayan Tripathy, Harsh Jain, Sunandan Basu, Ashvini Sengupta, Asian Journal of

Neurosurgery, Dec 2021.

- Gliosarcoma – Pathological Surprise, Jane Volume 10, 2013.
- 4th Ventricular neurocysticercosis, Anne Vol 9(4) 2012.
- Craniovertebral Arrow injury, Spinal Arachnoid Cyst, JNSS Vol 3 Oct 2011, Vertebroplasty our series, Indian Spinal Surgery 2012 September, S Basu, K Sil.
- Lesioning and DBS – A new era in Eastern India, Indian Journal of Neurosurgery, 2012 December.
- Nepal Journal of Neurosciences 2012 March, S Basu, L Tripathy, T Aziz.
- Spinal Arachnoid Webs – A rare variant of intradural arachnoid cyst in adults, L Tripathy, S Basu, 2011 Journal of Spinal Surgery.
- Craniocerebral arrow injury with survival, Journal of Neurotrauma 2011 Volume 8, K Sil, S Basu.
- Dissecting Aneurysm – Our Series, BJNS April 2011, S Basu, S Purakyastha.
- Difficulty in Treating Tuberculosis of the Central Nervous System, CNS January 2012, L Tripathy, K Sil, S Basu.
- Salmonella enteritidis brain abscess in a sickle cell disease patient: Case report and review of the literature, S. Kuruvath, S. Basu, J.P. Elwitigala, A. Yaneza, S.S. Namnyak, A.R. Aspoas, International Journal of Infectious Diseases (2007) xxx.
- Primary Isolated Amyloidoma of Lumbar Spine Causing Neurological Compromise – Case Report and Review of Literature, Neurosurgery July 2005, A Haridas, S Basu, A King, J Pollock.
- Microvascular Decompression – Long-term results in 110 patients, British Journal of Neurosurgery, Jan 2003, 17(1):92-93, S Basu, R Nannapannei, F Nath.
- Atypical Meningioma – A case report, Irish Journal of Medical Science May 2000, 33(7):46-47, J Nannra, S Basu, D Rawluk.
- Impact of Anticoagulants in the Incidence of Chronic Subdural

Hematoma, Irish Journal of Medical Science Sept 1999, 26(6):81-86, S Basu, D O'Brien Roberts, J Phillips.

- Irish Medical Journal November 2000, 93(8):244-246, D O'Brien, S Basu, G Roberts, J Philips.