

DR. KAUSHIK SIL

Consultant - Neurosurgery Specialist

Qualification

MBBS | MS (General Surgery) | DNB (Neurosurgery)

Overview

Dr. Kaushik Sil is a renowned consultant in the Department of Neurosurgery at Manipal Hospitals, Mukundapur, Kolkata, with an overall experience of 30 years, including 16+ years of dedicated focus on the domain. Dr. Sil laid the foundation of his medical career by completing his Bachelor of Medicine and Bachelor of Surgery (MBBS) from Calcutta National Medical College, followed by a Master of Surgery (MS) in General Surgery from SCB Medical College, Cuttack. He later obtained a Diplomate of National Board (DNB) in Neurosurgery from the National Board of Examinations (NBE). Dr. Sil's expertise and proficiency in the field are backed by his outstanding training under eminent national and international specialists, notable ones being Prof. A.P. Kahn from France in Paediatric Neurology, Prof. Shizuo Oi from Japan in Hydrocephalus Management, and Prof. Atul Goel in Skull Base Surgery, establishing him as the best Neurosurgeon Doctor in Kolkata. Dr. Sil specialises in many domains of Neurosurgery, including Paediatric Neurosurgery, Spina Bifida Surgery, Spinal Disc and Fixation Surgery, Brain and Spinal Tumour Surgery, Carpel Tunnel Syndrome Surgery, Subdural Haematoma Surgery, Head Injury Management, and V.P Shunt Surgery. His expertise in precise diagnosis and tailoring treatment plans for complex neurological conditions, coupled with compassionate care, has made him highly recommended by those he has treated. Dr. Sil has operated on over 7,000 patients throughout his career, consistently achieving remarkable outcomes and improving the quality of life for his patients. Dr. Sil is also a professor of Neurosurgery at KPC Medical College, Kolkata, where he mentors aspiring neurosurgeons and contributes to advancing neurosurgical education and research. Moreover, he is a member of several distinguished organisations, namely the International Society for Paediatric Neurosurgery (ISPN), the Congress of Neurological Surgeons (CNS), the Neurological Society of India (NSI), the Indian Society of Paediatric Neurosurgery (INDSPN), the Asian Australasian Society of Paediatric Neurosurgery (ANEI), and the Indian Medical Association (IMA). Dr. Sil also possesses excellent management skills, having held prestigious positions such as the Director of the Education Committee in ISPN for Asia-Oceania region, and chairing the NSI, East Zone's Board of Education, where he has carried out responsibilities with graciousness. Additionally, he is also a regular teaching faculty member for ISPN, the World Federation of Neurological Societies (WFNS), and ANEI. Apart from his membership and leadership roles, Dr. Sil has significantly contributed to medical research, having published many papers in several peer-reviewed journals, authored 3 book chapters, and edited a textbook on Neurosurgery. Being fluent in the languages of English, Hindi, Odiya, and Bengali, his multilingual skills help him to connect with a broad spectrum of patients, encouraging them to participate in their care.

Fellowship & Membership

- Member of the International Society for Paediatric Neurosurgery (ISPN)
- Member of the Congress of Neurological Surgeons (CNS)
- Member of the Neurological Society of India (NSI)
- Member of the Indian Society of Paediatric Neurosurgery (INDSPN)
- Member of the Asian Australasian Society of Paediatric Neurosurgery (ANEI)
- Member of the Indian Medical Association (IMA)

Field of Expertise

- Specialising in Paediatric Neurosurgery, addressing neurological conditions affecting children such as hydrocephalus, congenital anomalies in the spinal cord, and paediatric brain tumours
- Proficient in carrying out Spina Bifida Surgery, aiming to prevent damage to the spinal cord and achieve successful surgical outcomes
- Skilled in conducting Spinal Disc and Fixation Surgery, with a focus on restoring spinal mobility and preventing progressive nerve and spinal damage
- Demonstrates proficiency in diagnosing and treating brain and spinal tumours, utilising cutting-edge techniques with optimal outcomes
- Expertise in Carpel Tunnel Syndrome Surgery, guaranteeing restored hand function and improved hand strength
- Expertise extends to performing Subdural Haematoma Surgery, safeguarding the brain from potential damage and minimise complications such as coma or death
- Specialised in Head Injury Management, involving managing and stabilising traumatic brain injuries to reduce further brain damage and optimise recovery outcomes
- Adept at addressing brain strokes using surgical interventions to improve neurological outcomes in stroke patients.
- Master in implantation of Ventriculoperitoneal (VP) Shunt Surgery, preventing severe neurological damage
- Experienced in Moyamoya disease treatment, targeting improved blood flow to the brain with minimal risks using advanced surgical techniques

Languages Spoken

- Bengali
- Hindi
- Odiya
- English

Awards & Achievements

- Professor of Neurosurgery at KPC Medical College, Kolkata
- Director of the Education Committee in ISPN for the Asia-Oceania region
- Chairs the NSI, East Zone's Board of Education

Talks & Publications

- Work entitled "Evaluation of Modified Alvarado score in decreasing negative appendicectomy rate" published in the Indian Journal of Surgery Vol 2 No 5 (Oct- Nov 2000) Pg 342-343.
- Work entitled "Pediatric Urolithiasis in Western Orissa – a 10 year study" published in the Indian journal of Urology Vol 17 No 1 (Sep 2000) Page 20-23.
- Work entitled "Aneurysmal Subarachnoid Haemorrhage – the initial experience at NNC" published in JANEI (2004); Vol 9(2): pp 97-107.
- Coiling of ventriculo-peritoneal shunt in subgaleal space. A possible aetiology. Published in Journal of Pediatric Neurosciences Vol 1, Issue 1 (2006) pp 31-33.
- Bone flap preservation after decompressive craniectomy – experience with 55 cases. Published in Neurology India Vol 54(3), (Sep 2006) pp 291-2.
- Pituitary tuberculosis presenting as pituitary apoplexy. Published in International Journal of Infectious Diseases

- Vol 10(4), (Jul 2006) pp 338-9.
- Perimesencephalic subarachnoid haemorrhage – our experience. Published in JANEI Dec (2005); Vol 10 (1&2) Dec 05 pp 39-44.
 - Pediatric Spinal Osteochondromas – case report and review of literature Published in Journal of Pediatric Neurosciences Vol 2, Issue 2 (2006) pp 31-33.
 - Injuries of the upper cervical spine : a series of 28 cases . Published in Indian Journal of Orthopedics Vol 41 Issue 4 (2007) pg 305-311.
 - Shunting in childhood tuberculosis – a neurosurgeon's nightmare. Published in Child's Nervous System Vol 24 Issue 9 (2008) pg 1029-1032.
 - Spinal arachnoid webs – a rare variant of intradural arachnoid cysts in adults .Published in Journal of Spinal Surgery Vol 3 Issue 2 (2011) pg 680-682.
 - Craniocerebral arrow injury with survival . Published in Indian Journal of Neurotrauma Vol 8. No. 2 (2011) pg 111-112.
 - Solitary Fourth Ventricular Neurocysticercosis – a differential diagnosis of obstructive hydrocephalus. Published in JANEI Vol 9 Issue 1 (2012) pg 93-96.
 - Tiger stripes in the cerebellum . Published in JANEI Vol 9 Issue 1 (2012) pg 97-99.
 - Temporal Lobe Epilepsy – a review . Published in JANEI Vol 10 Issue 1 (2013) pg 67-73.
 - Gliosarcoma – a pathological surprise . Published in JANEI Vol 10 Issue 1 (2013) pg 53-56.
 - Multicystic Cerebral Hydatid Cyst : uncommon presentation of a common disease. Published in the Nepal Journal of Neuroscience, 12: pg 49-51,2015.
 - Posterior Fossa Acute Extradural Hematoma in Children : review and Management Guidelines . Published in the Journal of paediatric Neurosciences, 2018:13; 289-93.
 - Ventriculo-Subgaleal Shunts – broadening the horizons: an institutional experience. Published in Child's Nervous System. 2021:37; 1113-19.
 - Ventriculo-Cholecystic Shunt as a salvage procedure in shunt dependent hydrocephalic children. Accepted to be published in Neurology India.