



DR. SAURAV SINGH

Consultant - Neuroanaesthesiology & Neurocritical Care

Qualification

MBBS | MD | PDCC [AIIMS Rishikesh] | DM [AIIMS Delhi]

Overview

Dr. Saurav Singh is an accomplished neuroanaesthesiologist and neurointensivist with 6 years of experience across prestigious institutions like AIIMS [New Delhi] and leading superspeciality hospitals in New Delhi such as Max & Fortis. Expertise in delivering advanced neuroanaesthesia care for complex neurosurgical and neurointervention procedures and managing critically ill neurological patients. A published author and active member of reputed medical societies, with certified training in life-saving protocols and consistent engagement in national conferences.

Fellowship & Membership

- Registered with Delhi Medical Council
- Member of Indian Society of Anaesthesiology (ISA), India
- Member of Indian Society of Neuroanaesthesiology and Critical Care (ISNACC), India
- Member of Neurocritical Care Society of India (NCSI), India

Field of Expertise

- Management of complex neurosurgical
- Aneurysm clipping
- Intracranial tumors
- TNTS and other skull base tumors
- Awake craniotomies
- Epilepsy surgeries
- Functional neurosurgery
- Deep brain stimulation
- Minimally invasive
- Endoscopic spine surgeries
- Deformity correction
- Spine fixation
- Decompression
- Neurointervention
- Cerebral and spinal digital subtraction angiography
- Endovascular coiling of aneurysms
- Flow diverter placement for large complex aneurysms
- Carotid and intracranial stenting
- Embolisation of intracranial
- Spinal arteriovenous malformation patients
- Managing critically ill neurological
- Neurosurgical patients (subarachnoid haemorrhage)
- Acute ischemic stroke
- Intracranial hemorrhages
- Intracranial tumours
- Traumatic brain injury
- Traumatic spinal cord injury
- Cns infections and their complications
- Neuromuscular disorders like myasthenia Gravis
- Guillain-Barré Syndrome
- Autoimmune

- Viral and post-infectious CNS inflammatory disorders in high-acuity ICU settings
- Ventilatory support
- Multimodal neuromonitoring
- Targeted temperature management, post-operative neurosurgical care
- Sepsis management
- Organ support therapies.
- Skilled in advanced airway management
- Multimodal neuromonitoring
- Cerebral protection strategies
- Neurotrauma management
- Perioperative haemodynamic optimisation.

Languages Spoken

- Hindi
- English

Talks & Publications

- Singh S, Chaturvedi A, Bindra A, Dube SK, Devarajan Sebastian LJ. Goal-directed fluid therapy for endovascular therapeutic procedures in patients with aneurysmal subarachnoid hemorrhage: A pilot study. J Anaesthesiol Clin Pharmacol. 2025 Oct-Dec;41(4):706-712.
- Gupta N, Bindra A, Verma A, Singh S, Dube SK. Effect of low tidal volume ventilation on cerebral hemodynamics in patients with severe traumatic brain injury. J Anaesthesiol Clin Pharmacol. 2026 Jan-Mar;42(1):83-87.
- Singh S, Hassan M, Gupta N, Mahajan C. Persistent Post-Extubation Stridor in an Intensive Care Unit: A Decision

- Dilemma. J Neuroanaesth Crit Care 2023; 10(02): 140-141.
- Singh S, Verma S, Manasa K. Awake craniotomy in a child with chronic extradural hematoma and uncorrected tetralogy of fallot. J Pediatr Neurosci 2022;17:91-2
 - Pathak S, Singh S, Agrawal S. Meningomyelocele with Kyphoscoliosis: Ventilation Challenges for Anesthesiologist. J Pediatr Neurosci. 2020 Jul-Sep;15(3):343-344.