



## Dr Shashank Sharad Kale

MBBS, MS (General Surgery), M.Ch. (Neurosurgery), Reconstructive Spine Fellowship (University of South Florida USA) 32+ Years Experience

### Hospitals

Apollo Hospitals, Delhi ,

Doctor's Working  
Weekdays  
MON- SAT

Doctor's Working  
Hours  
16:00:20:00

Phone Icon  
Call Now

Calendar Icon  
Book Appointment

## Overview

Dr. Shashank Sharad Kale is a highly accomplished Neurosurgeon at Apollo Hospitals, Delhi, with over 32 years of extensive experience in the field of neurosurgery. Holding an M.B.B.S., M.S. in General Surgery, and M.Ch. in Neurosurgery, along with an advanced Reconstructive Spine Fellowship from the University of South Florida, USA, Dr. Kale brings a wealth of knowledge and surgical expertise to his patients. His long-standing commitment to medical excellence and innovation has earned him recognition as a leading figure in neurosurgical care.

Dr. Kale is fluent in Hindi, Marathi, and English, allowing him to communicate effectively with a broad and diverse patient population. Renowned for his patient-focused approach, he places strong emphasis on understanding each individual's condition, concerns, and treatment goals. His expertise spans a wide range of neurological and spinal disorders, and he is known for delivering precise surgical interventions tailored to each patient's unique needs, with a focus on minimally invasive techniques wherever appropriate.

Beyond the operating room, Dr. Shashank Sharad Kale is deeply committed to educating and empowering patients. He believes in building trust through open dialogue, ensuring that individuals and their families are well-informed about their condition and the treatment process. By fostering a collaborative and

compassionate environment, he helps patients navigate complex neurosurgical journeys with confidence. His dedication to continuous learning and collaboration with global experts keeps him at the forefront of neurosurgical advancements, making him a trusted and respected name in the medical community.

## Experience

- Professor & Head of Neurosurgery, AIIMS New Delhi (2017 – 2025)
- Professor of Neurosurgery, AIIMS New Delhi (2011 – 2017)
- Additional Professor of Neurosurgery, AIIMS (2007 – 2011)
- Associate Professor of Neurosurgery, AIIMS (2003 – 2007)
- Assistant Professor of Neurosurgery, AIIMS (1996 – 2003)
- Senior Resident in Neurosurgery, AIIMS (1993 – 1996)
- Resident in General Surgery, LHMC & RML Hospital, Delhi (1989 – 1992)
- Junior Resident in Pediatrics, Kalawati Saran & LNJP Hospital (1988)

## Membership

- Member, Association of Spine Surgeons of India
- Member, Neurological Society of India
- Member, Delhi Neurological Association
- Member, Spinal Cord Society of India
- Member, Asia-Pacific Cervical Spine Society
- Member, AOSpine Asia-Pacific Board
- Member, Neuro Spinal Surgeons Association

## Awards

- CSIR Travel Grant for Extramural Research (1996) – ₹35,000 to present a research paper at the International Society of Pediatric Neurosurgery Meeting, Ottawa, Canada

- Traveling Resident Fellowship, International Society of Pediatric Neurosurgery (ISPN), Ottawa, Canada (1996)
- Prof. B. Murlidhar Oration, A.P. Neuroscientists Association, Visakhapatnam (14 July 2012)
- Oration and Honorary Membership, Sociedad Venezolana De Neurocirugia (Neurosurgical Society of Venezuela) (2010)
- Dr. A.K. Banerji Oration, Neurotrauma Society of India (2018)
- D.Sc. (Honoris Causa), Amity University, Uttar Pradesh (2018)
- Times Healthcare Achievers – Legend Category, Neurosurgery (2018)
- Lifetime Achievement Award, Spinal Cord Society (2022)
- Lifetime Achievement Award, Spine Society, Delhi Chapter (2023)
- Presidential Oration, Neuro Spinal Surgeons Association (NSSA), September 2023

## Research and Publication

### (A) Book Chapters

- *Complications of Posterior Fusion Operations* — S. Kale, R. Patir. In **CV Junction Anomalies: An Indian Experience**, Ed: Dr. V.K. Jain, SGPGI Lucknow, India, 1997
  - *Pterional Operative Approach for Sellar and Parasellar Tumours* — S.S. Kale, V.S. Mehta. In **Textbook of Neurosurgery**, Eds: K. Sridhar, R. Ramamurthy (*In Press*)
  - *Microneurosurgery of Craniopharyngiomas* — S.S. Kale, V.S. Mehta. In **Proceedings of Centre Workshop**, ALS Neurosurgical Centre, VHS Medical Centre, Madras, India, 1998
  - *Acute Trauma and Post-traumatic Deformity of the Occipitocervical Junction* — S.S. Kale, D.W. Cahill. In **Textbook of Neurosurgery**, Ed: D.W. Cahill (*In Press*)
  - *Cervical Spine Fusion in Rheumatoid Arthritis* — S.S. Kale, D.W. Cahill. In **Textbook of Neurosurgery**, Ed: D.W. Cahill
- 

### (B) Research Projects

- Outcome of spinal surgery in patients above 75 years
- A prospective comparative study between day care spine surgery & conventional spine surgery
- Morphometric evaluation of C1 body and odontoid process; determination of hypothetical entry points for double anterior odontoid screw in Indian adult population
- **ROSE Trial** – Gamma Knife (GK) in Epilepsy
- Design and development of cost-effective multipurpose research phantom simulating patient for high-resolution stereotactic imaging and precise radiosurgery (IEC/np-91/2014)

- Injury mechanisms in blast and blunt traumatic brain injury — a comparative study based on clinical data and numerical analysis
  - Assessment of surgical techniques for treating cervical spondylotic myelopathy — *International Multicenter Study*
  - Injury mechanisms in blast and blunt traumatic brain injuries — a comparative study based on clinical data and numerical analysis (*Duplicate, consider merging above*)
- 

### (C) Publications

1. Kale SS, Aiawadhi P, Yerramneni VK, Chandra PS, Kumar R, Sharma BS, Mahapatra AK.  
*Pediatric bony craniovertebral junction abnormalities: Institutional experience of 10 years.*  
**J Pediatric Neurosci.** 2011 Oct;6(Suppl1):S91–5.  
DOI: 10.4103/1817-1745.85721  
PMID: 22069436; PMCID: PMC3208923
2. Kale A, Ganeshkumar A, Sharma R, Katiyar V, Bokar S.  
*Posterior reversible encephalopathy syndrome due to spinal pathologies or intervention?*  
**Journal of Spinal Surgery**, 2023; 10(1): p13
3. Kale SS, Borkar SA.  
*APCSS-CVJ Special Topics Series.*  
**Neurospine**, June 29, 2019; 16(2):184–185.  
DOI: 10.14245/ns.19int002  
PMID: 31261451; PMCID: PMC6603829
4. Kale SS, Rao VK, Bentz ML.  
*Glomus tumour of the index finger.*  
**J Craniofac Surg.** 2006 Jul;17(4):801–4.  
DOI: 10.1097/00001665-200607000-00037  
PMID: 16877938
5. Kale SS, Mahapatra AK.  
*The role of somatosensory evoked potentials in spinal dysraphism – do they have prognostic significance?*  
**Childs Nerv Syst.** 1998 Jul;14(7):328–31; discussion 332.  
DOI: 10.1007/s003810050236  
PMID: 9726584
6. COVIDSurg Collaborative, Global Surg Collaborative.  
*SARS-CoV-2 vaccination modelling for safe surgery to save lives: data from an international prospective cohort study.*

**Br J Surg.** 2021 Mar 24: znab101.

DOI: 10.1093/bjs/znab101

PMID: 33761533; PMCID: PMC7995808

## Frequently Asked Questions