

DR. SOURAV CHATTERJEE

Consultant - Spine Surgeon

Qualification

MBBS | MS (Orthopaedics) | Fellowship in Spine Surgery (F.ASSI) | Fellowship AO Spine

Overview

Dr. Sourav Chatterjee is a highly accomplished Consultant Spine Surgeon at Manipal Hospitals, Saltlake, Kolkata, with extensive expertise in the diagnosis and treatment of spinal disorders in both adults and children. Known for his patient-centric approach and advanced surgical skills, he has established himself as a trusted specialist in the field of spine care. Dr. Chatterjee completed his MBBS in Kolkata in 2013 and went on to earn his MS in Orthopaedic Surgery from the West Bengal University of Health Sciences (WBUHS). Driven by his passion for spine surgery, he pursued specialized training through fellowships in Adult and Paediatric Spine Surgery as well as the prestigious AO Spine Fellowship, further strengthening his knowledge and surgical proficiency in managing complex spinal conditions. Over the years, Dr. Chatterjee has successfully treated thousands of patients suffering from a wide spectrum of spinal disorders. His areas of expertise include back pain, sciatica, degenerative spine diseases, spinal deformities, spinal tumours, infections, traumatic injuries, and other complex spinal conditions. He is particularly skilled in addressing challenging spinal problems in children, offering comprehensive care

tailored to their unique needs. Dr. Chatterjee is well-versed in both advanced and minimally invasive surgical techniques. He performs a variety of spinal procedures designed to improve patient outcomes, reduce recovery times, and minimize surgical trauma. His expertise includes robotic-assisted spine surgery, spinal decompression, stabilization, and fusion procedures. Among the surgeries he frequently performs are Microdiscectomy, Laminectomy, Vertebroplasty, and Kyphoplasty. In addition to surgical solutions, he strongly advocates a balanced treatment approach and provides conservative therapies, rehabilitation programs, and corrective treatments for spinal deformities whenever appropriate. Beyond his clinical practice, Dr. Chatterjee has made significant contributions to academic research and medical education. He has authored and co-authored several scientific publications in reputed journals, including the Indian Spinal Journal and the IOSR Journal of Dental and Medical Sciences (IOSR-JDMS). His commitment to advancing spinal science is also reflected in his active participation in national and international conferences, where he has served as both a speaker and presenter, sharing his insights and clinical experiences with fellow medical professionals. Dr. Chatterjee’s professional journey includes valuable experience at leading hospitals in Mumbai, Delhi, and Kolkata, where he trained and worked alongside some of India’s most respected spine surgeons. Combining clinical excellence with compassionate patient care, he is widely recognized for his strong communication skills, empathetic bedside manner, and dedication to delivering the highest standards of spine treatment. His unwavering commitment to improving patients’ quality of life has earned him widespread respect among both colleagues and patients alike.

Fellowship & Membership

- AO Spine Fellowship (2024)
- ASSI Spine Fellowship

- Member of West Bengal Spine Society
- Member of West Bengal Orthopaedic Association (WBOA)
- Member of the Association of Spine Surgeons of India (ASSI)
- Member of Asia Pacific (AO Spine)

Field of Expertise

- Specialised in the conservative management of spinal conditions such as back pain, sciatica, radiculopathy, lumbar spinal stenosis, spondylosis, and degenerative spine disorders
- Highly proficient in performing Minimally Invasive, Microscopic, and Robotic Spine Surgeries, Spinal Fusion and Non-Fusion Surgeries, Microdiscectomy, Laminectomy, and Spinal Fixation.
- Specialised in the management of osteoporotic vertebral fractures through Kyphoplasty and Vertebroplasty, providing rapid pain relief and vertebral stabilisation in fragile bone conditions.
- Expert in image-guided Root Blocks and advanced pain management techniques, enabling targeted relief for chronic radicular pain and inflammation.
- Skilled in deformity correction surgeries, particularly for scoliosis and spinal curvatures, as well as in emergency management of spinal trauma, including fracture stabilisation and Neural Decompression.
- Experienced in the surgical management of spinal tumours and metastatic lesions, and the diagnosis and treatment of spinal infections, including tuberculosis of the spine.

Languages Spoken

- English
- Bengali

- Hindi
- Gujarati
- Marathi

Awards & Achievements

- SSWBCON 2024, Kolkata – Invited Faculty Talk: “Proximal Junctional Kyphosis in Instrumented Osteoporotic Vertebral Fractures”
- ASSICON 2024, Mumbai – Research Presentation: “Can Frailty Predict 90-Day Outcomes in Elderly Patients with Degenerative Cervical Spine Pathology?”
- BSSCON 2022, Mumbai – Case Report: “A Rare Case of Monomelic Amyotrophy: Hirayama Disease”
- IOACON 2018, Coimbatore – Podium Presentation: “Surgical Outcome of Posterior-Only Approach in Caries Spine with Neurological Deficit”
- WBOACon 2018 – Clinical Presentation: “Surgical Outcome of Posterior-Only Approach in Caries Spine with Neurological Deficit”
- WBOA Midcon 2018 – Best Paper Category: “Masquelet Technique in an Open Tibial Fracture with Bone Loss – A Case Report”
- WBOA Midcon 2017 – Case Report Presentation: “Fibrodysplasia Ossificans Progressiva – A Rare Case”
- Notable Workshops Attended
- AO Spine Advanced Course 2025 – Adult and Pediatric Deformities Workshop
- AO Spine Advanced Course, Mumbai (May 2022) – Focused on Spine Tumours and Occipitocervicothoracic Stabilisation

Talks & Publications

- Chatterjee S, et al. Can Frailty Predict 90-Day Postoperative Outcome in Elderly Patients with Degenerative Cervical Spine Pathology? Indian Spine Journal. July - December 2024; 7(2):187–193.
- Chatterjee S, et al. Study of Clinical Outcome of Management of Medial Compartment Osteoarthritis of the Knee by Proximal Fibular Osteotomy. Annals of International Medical and Dental Research (AIMDR). 2020; Vol 6, Issue 6 (Nov–Dec).
- Chatterjee S, et al. Surgical Outcome of Percutaneous Fixation for Calcaneal Fractures in Adults. IOSR Journal of Dental and Medical Sciences (IOSR-JDMS). 2018; Vol 17, Issue 1 (Jan 2018).
- Chatterjee S, et al. Bilateral Total Hip Arthroplasty in Osteoarthritis of Both Hips: A Case Report. IOSR-JDMS. 2018; Vol 17, Issue 2 (Jan).