

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 distinguished Consultant Spine Surgeon at Manipal Hospitals, Dhakuria, Kolkata. He holds years of clinical experience in adult and paediatric spinal care. He completed his MBBS in 2013 in Kolkata and subsequently earned his MS in Orthopaedic Surgery from the West Bengal University of Health Sciences (WBUHS). He also obtained a fellowship in Adult and Paediatric Spine Surgery, as well as an AO Spine Fellowship, thus broadening his expertise in the field. Dr. Chatterjee has treated thousands of patients with a wide range of spinal conditions, including back pain, sciatica, degenerative spinal disorders, spinal deformities, tumours, infections, and more. He also specialises in treating complex spinal problems that affect children. He is the best Spine Surgeon in Dhakuria, Kolkata. Equipped with a high skillset, Dr. Chatterjee is proficient in performing several procedures that involve robotic-assisted and minimally invasive techniques. He is proficient in several spinal decompression, stabilisation, and fusion techniques. These include Microdiscectomy, Laminectomy, Vertebroplasty, and Kyphoplasty, among others. Moreover, Dr Chatterjee also offers both conservative and advanced

treatments, including rehabilitation and deformity corrections. Beyond Dr. Chatterjee's clinical practice, he has contributed extensively to medical research. He has published several articles in known journals, including the Indian Spinal Journal and the IOSR Journal of Dental and Medical Sciences (IOSR-JDMS). Dr. Chatterjee also attended several conferences as an orator and a presenter. Dr. Chatterjee's professional experience spans top-tier hospitals in Mumbai, Delhi, and Kolkata, where he has worked alongside some of the country's most experienced spine surgeons. His excellent communication skills, clinical expertise, and empathy-driven practice make him a highly respected and trusted figure in the field of spine surgery.

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).