

DR. SUBHADIP MANDAL

Consultant - Spine Surgery

Qualification

MS (Ortho) | DNB (Ortho) | MNAMS (Gold Medalist)

Overview

Dr. Subhadip Mandal is a distinguished Consultant Spine Surgeon at Manipal Hospitals, Salt Lake, Kolkata. With more than 15 years of overall experience, including 8 years dedicated to Spine Surgery, he has earned a strong reputation as a trusted expert in managing complex spinal conditions. Dr. Mandal completed his MBBS, MS in Orthopaedics, and DNB in Orthopaedics, laying a solid academic foundation for his career. Driven by his passion for spine care, he went on to specialise in this field, excelling in a wide range of procedures. Recognised as one of the leading spine surgeons in Salt Lake, Kolkata, he has successfully performed several procedures, with a focus on elective cases such as spinal deformities, adult degenerative deformities, spondylodiscitis (TB and pyogenic), osteoporotic fractures, and spinal trauma. His expertise also extends to advanced techniques like Vertebroplasty, Minimally Invasive Spine Fixation, and Tubular Discectomy. Beyond surgical excellence, Dr. Mandal is deeply committed to patient-centric care. He believes in adopting the latest advancements in spine surgery to ensure safe, minimally invasive, and effective treatments tailored to each individual’s condition. Dr.

Mandal’s professional contributions extend well beyond the operating theatre. He is an active member of prestigious organisations, including AO Spine (Asia-Pacific), the Indian Orthopaedic Association, the West Bengal Orthopaedic Association, and the National Academy of Medical Sciences. He has also completed several prestigious fellowships, such as the Société Internationale de Chirurgie Orthopédique et de Traumatologie (SICOT) fellowship, the IOA-SICOT Fellowship in Minimally Invasive Spine Surgery at Bombay Hospital, and advanced training in Spine Disorders and Techniques at Park Clinic, Kolkata. An accomplished academician and researcher, Dr. Mandal has published numerous papers in reputed national and international journals, delivered lectures at leading conferences, and received multiple awards for his clinical acumen and oratory skills. Fluent in English, Hindi, and Bengali, he ensures clear communication and empathetic care for patients from diverse backgrounds. With his dedication, skill, and academic contributions, Dr. Subhadip Mandal stands out as one of the foremost spine surgeons in Kolkata, offering advanced solutions for complex spinal disorders.

Fellowship & Membership

- Member of AO Spine [Asia-Pacific].
- Executive Member of Spine Society of West Bengal.
- Life Member of the Indian Orthopaedic Association.
- Life Member of West Bengal Orthopaedic Association.

Languages Spoken

- English
- Bengali
- Hindi

Awards & Achievements

- IOA-SICOT Fellowship on Minimally Invasive Spine Surgery (MISS) at Bombay Hospital for 4 weeks (Jan-Feb) 2019.
- AO Spine Advanced Course in Minimally Invasive Spine Surgery (MISS) in Feb 2019.
- AO Spine Advanced Course in Geriatric Spine in May 2018.
- AO Spine Advanced Course in Deformity Correction in July 2017.
- AO Spine Fellowship (Asia-Pacific) for one year completed in 2016.
- Membership of the National Academy of Medical Sciences (MNAMS), New Delhi in 2016.
- Fellowship in ‘Spine Disorders and Techniques in Spinal Surgery’ at Park Clinic, Kolkata, India on November 2015.
- Biswajit Sen Gold Medal Paper presentation at WBOACON 2023.
- Biswajit Sen Gold Medal Paper presentation at WBOACON 2021.
- Biswajit Sen Gold Medal Paper presentation at WBOACON 2020.
- AA Mehta Gold Medal Paper presentation at IOACON 2019.
- Best Paper presentation at MIDCON 2019.
- Guest speaker at CME session on Pyogenic Spondylodiscitis at Annual State Conference of Dentistry (DENSICON 2019).
- Guest speaker at CME on Dissectomy and Fusion on Lumbar Spine organized by Kalyani Orthopaedic Club, WB.
- Guest speaker at CME on “Clinical and Radiological evaluation of Spine” organized by AIGPA, Kolkata on April 2018.
- Speaker at EIIOT 2018 in Spine session on April 2018.
- Speaker at WBOACON Spine session on Feb 2018.
- Guest speaker at CME on Recurrent Vertebral Osteoporotic fracture on April 2018.
- Case report presentation on “ Ossified Ligamentum Flavum” in WBOACON on Feb 2018.

- Guest speaker at Spine session at Odisha Orthopaedic Annual Conference 2018.
- Comparative analysis of perioperative outcome in thoracolumbar surgery in patients taking aspirin and clopidogrel – a single centre study, presented at WBOACON 2017.
- Osteochondroma at C-2: presented at MIDCON 2016.
- Surgical planning in high–grade spondylolisthesis, at SSWB Clinical Meeting, June 2016.
- Strategies in Severe Scoliotic Deformity Correction – Presented at AO Spine (Asia-
- Pacific Forum, May 2016.
- “Correction of fixed sagittal deformity with pedicle subtraction osteotomy- operative technique and pitfalls”: presented at AO Spine Forum, July 2015.
- Medal paper presentation at P.T.RAO Gold Medal Session at IOACON Agra 2013.
- Poster presentation on case report at IOACON, Agra 2013.
- Case report presentation at MIDCON May 2013.
- Case report on one of the rarest bone tumour at Bone Tumour Summit at Kolkata, July 2013
- Medal paper presentation at Siliguri Best Paper Session at WBOACON 2013.
- Paper presentation at WBOACON 2013.
- Case report Presentation at WBOACON 2013.
- Medal paper presentation at P.T.RAO Gold Medal session at IOACON, Chennai 2012.
- Case report presentation at MIDCON 2012.
- Case report presentation at WBOACON, Feb 2012.
- Correlation of the PET-CT findings in both active and non-active form of spondylolisthesis with patient outcome scores: a formulation towards treatment strategy – a prospective study. AO Spine (Asia–Pacific) research project.

- “Short-term evaluation on results of Trochanteric fracture nailing (TFN) in
- comminuted unstable trochanteric fractures” for Three years.
- “Percutaneous fracture fixation of scaphoid” for One and a half years.
- “Incidence of Hypertension in school-going children in the age group of 16- 18 yrs” for one month.
- Co Guide in the following Thesis / Dissertation Programme.
- Evaluation and Assessment of Spino-Pelvic Fixation and Chemotherapy in Pyogenic and Tubercular Spondylodiscitis in adults: A Prospective study. [2023-2026].
- Evaluation of Posterior Instrumentation with Interbody Fusion in Grade II Degenerative Spondylolisthesis in Indian Population: A Prospective Study [2022-2025].
- Assessment of Reduction Techniques and Results of correction of High-Grade Dysplastic & Lytic Spondylolisthesis in Indian population. (2018-2021).
- Assessment of Total Disc Arthroplasty (TDA/TDR) in cervical Disc Prolapse. (2020-2022).
- Siliguri Best Paper award for Best research paper presentation at WBOACON 2017.
- ‘K. C. Deb & M. Deb Memorial Award’ with the medal for securing First position in ‘MS Orthopaedic Examination 2014’ in NRSMCH in Dec 2014.
- Gold Medal from Vice-chancellor of West-Bengal in state summit of Recitation
- Competition in 2000.
- Best Paper Presentation at MIDCON 2019 on Thoracic Myelopathy with multilevel OPLL & OLF.

Talks & Publications

- Evaluation of treatment of thoracolumbar flexion-distraction injuries by percutaneous transpedicular screw instrumentation: A prospective study: Journal of Orthopaedic Trauma Surgery and related research. 18(1) 2023.
- “Evaluation of results of “Trochanteric Femoral Nailing (TFN)” in comminuted unstable trochanteric fractures” at Acta Orthopaedica Belgica (September 2019). (Current impact factor: 0.57).
- “Analysis of the outcome in patients with cervical spondylotic myelopathy, undergone canal expansive laminoplasty supported with instrumentation in a group of the Indian population – a prospective study.” Publication at International journal of spine surgery, USA (H Index: 9); May 2016.
- Comparative study regarding functional outcome in patients with Recurrent Lumbar Disc prolapse treated with either Revision Discectomy or Decompression Discectomy followed by instrumented Fusion at IMAST, 2016, Washington DC, USA.
- ‘The art of percutaneous scaphoid fixation by dorsal approach and evaluation of its results – a prospective study’ at Indian Medical Journal (vol-109 no-1, Jan 2015 Index Medicus).
- “Desmoplastic fibroma of bone” A very rare bone tumour along with a review of its treatment protocol”- at Indian Medical Journal (vol-109, no-1 Jan 2015[annexure] Index Medicus).
- “Ganglion cyst of the knee from Hoffa’s fat pad protruding anterolaterally through retinacular rent: A case report” at JOCR Aug 2015 (ICV 2012: 5.27).
- Management of distal tibial fractures with minimally invasive plate osteosynthesis (MIPO) technique. A prospective series – at Indian Medical Journal (Nov -2015 edition, Index Medicus).
- Comparative Analysis of the Results of Trochanteric Femoral Nail and Dynamic Hip Screw in Treatment of Comminuted Unstable Trochanteric Fractures – a Prospective Randomised Controlled Trial on Indian Population. – Journal of Indian

Orthopaedic Rheumatology Association; July-December Issue 2015.

- Analysis of Outcome and Complication of Short Intramedullary Nail in unstable proximal femoral fracture seven-year retrospective study- International Journal of scientific research; VOLUME-6 | ISSUE-6 | JUNE-2017 | ISSN No 2277 - 8179 | IF: 4.176 | IC Value: 78.46.