



DR. MAYUKH GUHA

Consultant - Spine Care

Qualification

MBBS | MS (Orthopaedics) | FNB Spine Surgery | Fellowship in Endoscopic Spine Surgery | DNB Orthopaedics

Overview

Dr Mayukh Guha is an accomplished Spine Surgeon dedicated to providing advanced and compassionate spinal care to the people of North Bengal. He currently serves as a Consultant in the Spine Care Department at Manipal Hospitals, Siliguri, where he focuses on delivering precise and minimally invasive treatment for various spinal disorders. Dr Guha completed his MBBS from Calcutta National Medical College & Hospital, Kolkata, followed by an MS in Orthopaedics (Gold Medallist) from Vardhman Mahavir Medical College & Safdarjung Hospital, New Delhi. He holds a DNB in Orthopaedics, MNAMS, and a prestigious FNB in Spine Surgery from the Indian Spinal Injuries Centre, New Delhi India's only NMC-recognised fellowship in spine surgery. To further enhance his expertise, Dr Guha pursued fellowships in Endoscopic Spine Surgery at Daejeon Woori Hospital, South Korea, and Saishree Hospital, Pune, receiving advanced training in Unilateral Biportal Endoscopy (UBE) and minimally invasive spine procedures. His areas of special interest include spinal deformity correction, cervical spine surgery, and endoscopic spine techniques. Dr Guha has several research publications in reputed international journals such as Cureus,

Indian Journal of Orthopaedics, and Asian Spine Journal, contributing significantly to the field of spinal research. A recipient of the Gold Medal in MS Orthopaedics and top national ranks in NBEMS fellowship exams, Dr Guha is also an active member of leading professional organisations including AO Spine (Switzerland), Asia Pacific Spine Society, Association of Spine Surgeons of India (ASSI), and the Spine Society of West Bengal. With his strong academic foundation, global training, and patient-centred approach, Dr Mayukh Guha aims to make world-class spine care accessible to communities across North Bengal.

Fellowship & Membership

- AO Spine (Switzerland)
- Asia Pacific Spine Society
- Association of Spine Surgeons of India (ASSI)
- Spine Society of West Bengal (SSWB)
- Indian Orthopaedic Association
- West Bengal Orthopaedic Association

Languages Spoken

- English
- Hindi

Awards & Achievements

- Gold Medallist in MS Orthopaedics from Central Institute of Orthopaedics, VMMC & Safdarjung Hospital, New Delhi
- All India Rank 3 in National Board (NBEMS) Fellowship Entrance Examination of Spine Surgery
- All India Rank 2 in Fellowship Final Examination in Spine Surgery

- Performed the first C1–C2 Fusion, Cervical Corpectomy, Cemented Spine Fixation, and Kyphosis Correction in Ankylosing Spondylitis in Kishanganj, Bihar
- Performed the first C1–C2 Spondyloptosis Reduction and Fusion Surgery (Posterior Approach) in Siliguri and North Bengal

Talks & Publications

- Clinico-Radio-Histopathological Correlation by C-Arm Image-Guided Biopsy in Spinal Tuberculosis, Indian J Orthop, 2021 Feb 18;55(4):1028–1036
- Spontaneous-Onset Delayed Spinal Arachnoiditis With Dorsal Cord Herniation in a 29-Year-Old Paraplegic Patient: A Case Report Cureus, 15(12): e51374
- Unilateral Neurological Deficit Due to Spinal Epidural Hematoma Following Midline-Sparing Spine Surgery: A Case Report Cureus, 15(12): e50788
- Single Sequence Whole-Spine Screening MRI: Diagnostic and Therapeutic Role in Multiple-Level Spinal Tuberculosis Cureus, 16(1): e52757
- Evaluation of Risk Factors of Dural Tear in Thoracolumbar Burst Fractures with Vertical Lamina Fracture
- Accepted for publication in Global Spine Journal (GSC Issue)
- Hemorrhagic Ligamentum Flavum Cyst in the Adjacent Level of Lytic Spondylolisthesis – A Case of Diagnostic and Therapeutic Dilemma J Orthop Case Rep., 2024 Apr;14(4):41–46
- A Rare Case of Spontaneous Giant Pneumorrhachis Presenting with Cauda Equina Syndrome: A Case Report Spinal Cord Ser Cases, 2024 Apr 8;10(1):18
- MRI-Based Morphometric Analysis of Bilateral L1–L5 Oblique Lumbar Interbody Fusion Corridor: Feasibility of Safe Surgical Approach and Influencing Factors

- Asian Spine Journal, 2024 Oct 22