

DR. BORDE MANDAR DEEPAK

Consultant - Orthopaedic Spine Surgery

Qualification

MBBS | MS (Orthopaedics)

Overview

Dr. Mandar Borde is a highly experienced consultant orthopedic spine surgeon at Manipal Hospital Baner, Pune, with over 10 years of experience in the diagnosis, treatment, and surgical management of complex spinal disorders. He is recognised for his expertise in advanced spine surgery and his commitment to delivering personalised, patient-centered care. After completing his MBBS and MS in Orthopaedics, Dr. Borde pursued specialised training through the prestigious Spine Foundation Fellowship, Mumbai, where he gained extensive experience in managing a wide spectrum of spinal conditions. He further enhanced his skills through international fellowships and advanced training programs in Germany, the United Kingdom, Hong Kong, and Japan, focusing on spinal deformity correction, minimally invasive spine surgery, navigation-assisted procedures, and complex spinal reconstruction. Dr. Borde has successfully performed more than 2,000 spine surgeries and managed over 5,000 patients with various spinal disorders. His areas of expertise include scoliosis, kyphosis, kyphoscoliosis, spinal tumours, degenerative spine disorders, spinal trauma, spinal infections, and

revision spine surgeries. He is also highly skilled in minimally invasive and endoscopic spine procedures, helping patients achieve faster recovery and improved outcomes. His special interest lies in the treatment of complex spinal deformities in both pediatric and adult patients, including advanced corrective surgeries for scoliosis and kyphosis. Dr. Borde is proficient in performing craniovertebral junction surgeries, instrumented spinal fusions, spinal decompressions, and navigation-guided spine procedures. A recipient of multiple international scholarships and fellowships from the Scoliosis Research Society, Dr. Borde has also contributed to spine research through publications in reputed medical journals and presentations at national and international conferences. Known for combining surgical excellence with a compassionate approach, Dr. Mandar Borde is dedicated to helping patients regain mobility, reduce pain, and improve their quality of life through comprehensive spine care at Manipal Hospital Baner.

Fellowship & Membership

- The Spine Foundation Fellowship, Mumbai (2016-2018).
- International Group for Advancement in Spinal Science (IGASS) Fellowship, Munich, Germany (2018).
- AO Spine Asia-Pacific Fellowship, Mumbai (2019).
- Scoliosis Research Society Asia- Pacific Deformity Fellowship -- a) Royal National Orthopaedic Hospital, Stanmore, UK b) Duchess of Kent Children's Hospital and Queen Mary University Hospital, Hong Kong (2019-2020).
- AO Spine International Fellowship, Okayama, Japan (2025).

Field of Expertise

- Complex spinal deformity surgeries-- scoliosis, kyphosis,

kyphoscoliosis
- Minimally invasive spine surgeries-- microscopic and endoscopic procedures
- Advanced navigation based complex spinal surgeries
- Complex revision surgeries with instrumentation
- Spinal tumour surgeries
- Surgeries for degenerative, traumatic and infective pathologies in spine

Languages Spoken

- English
- Hindi

Awards & Achievements

- Scholarship from the Scoliosis Research Society to attend the Current Concepts in Spine Deformity, Shenzhen, China, October 2017
- Global Outreach Program Educational Scholarship from the Scoliosis Research Society to attend the Annual Meeting in Bologna Italy, October 2018
- 2018 Asia-Pacific Deformity Scholarship from the Scoliosis Research Society
- 2019 Global Outreach Program Travelling Fellowship from the Scoliosis Research Society

Talks & Publications

- Effect of Surgical curve correction on Exercise Tolerance and Physical Capacities in patients of severe Spinal Deformity:

Prateek Patil, Ashok Rathod, Mandar Borde, Vishwajeet Singh, Hemant Singh; Journal of Clinical and Diagnostic Research; 2016, volume 10, issue 12

- Lumbar Prolapsed Intervertebral Disc—A Treatment Protocol: Akshay Gadiya, Mandar Borde, Priyank Patel, Shekhar Bhojraj, Premik Nagad; Journal of Clinical Orthopaedics, 2016, July-December;1(1)
- Traumatic multiple cervical spine injuries in a patient with osteopetrosis and its management: Rakesh Dhake, Ashok Rathod, Mandar Borde; European Spine Journal, April 9 2017. DOI 10.1007/s00586-017-5083-x.
- Analysis of the functional and radiological outcomes of lumbar decompression without fusion in patients with degenerative lumbar scoliosis: Akshay Gadiya, Mandar Borde, Priyank Patel, Premik Nagad, Shekhar Bhojraj. Asian Spine Journal, July 30, 2019. doi 10.31616/asj.2019.0022.
- Response to: Analysis of Functional and Radiological Outcome Following Lumbar Decompression without Fusion in Patients with Degenerative Lumbar Scoliosis. Gadiya AD, Borde MD, Kumar N, Patel PM, Nagad PB, Bhojraj SY. Asian Spine J. 2020 Aug; 14(4):588-589. doi: 10.31616/asj.2020.0060r2. Epub 2020 Jul 22.
- Analysis of serum levels of titanium and aluminium ions in patients with early onset scoliosis operated upon using the magnetic growing rod- a single centre study of 14 patients. Mandar Deepak Borde, Sarang Sapare, Emile Schutgens, Chadi Ali, Hilali Noordeen. Spine Deformity Jul 2021. doi: 10.1007/s43390-021-00335-1.
- Sublaminar wiring and stainless steel loop rectangle. Raghuprasad Varma, Mandar Borde, Akshay Gadiya, Shekhar Bhojraj. ASSI Operation Theatre Manual for Spine Surgery. May 2022. Jaypee Publications
- Evolution of surgery for active spinal tuberculosis in adults: A

narrative review. Borde Mandar, Venugopal Menon, Patil Sameer. Journal of Orthopaedic Reports. February 2024. Doi: 10.1016/j. jorep. 2024. 100312.

- A rare case of phrenic nerve palsy after cervical spine surgery. Shubham Lodha, Akash Mane, Mandar Borde, K V Menon. Indian Spine Journal 2024; 7; 100-3.
- Drug eluting bioactive glass ceramics for fusion in spondylodiscitis: a pilot study. Mandar Borde, Venugopal Menon, Umesh Kanade, Sangram Rajale, Akash Mane, Harikrishna Varma. Neurosurgical review (2024) 47: 80. Doi: 10.1007/s10143-024-02317-z.
- Percutaneous transforaminal endoscopic lumbar discectomy (PTELD) for lumbar disc herniation: a prospective observational study. Sangram Rajale, Akash Mane, Umesh Kanade, Mandar Borde, Tanmay Datey. International Journal of Scientific Research. Volume 13: 4. April 2024. Doi- 10.36106/ijsr.
- Spontaneous lumbar interbody fusion following posterolateral fusion surgery: analysis of a 5- year data. Tejasvi Agarwal, Shekhar Bhojraj, Premik Nagad, Aaditya Kashikar, Mandar Borde, Gajendra Pawal, A. Harikrishnan. Indian Journal of Orthopaedics. April 2024. Doi- 10.1007/s43465-024-01148w.
- Strenotrophomonas maltophilia lumbar spondylodiscitis in a CKD patient. Abhishek Kumar, Mandar Borde, Akash Mane, Tanmay Datey, K V Menon. International Journal of Scientific Research. Volume 14: February 2025. Doi- 10.36106/ ijsr.
- The Mercedes Benz Approach to the Lumbosacral Junction: A technical note. Venugopal K. Menon, Mandar Borde, Umesh Kanade, Renjit Jayavhandran, Mantu Jain. Neurology India. July 2025. Doi—10.4103/neurol-india.Neurol- India-D-24-00218.
- Postoperative recovery of balance function in lumbar spinal stenosis: a 12-month longitudinal study using the Brief BESTest and its association with patient-reported outcomes. Tomoyoshi Sakaguchi, Masato Tanaka, Shinya Arataki, Tadashi

Komatsubara, Akiyoshi Miyamoto, Mandar Borde, Umaranai Arvind, Kazuhiko Takamatsu, Yosuke Yasuda, Adrian Doana-Prodan and Kaoruko Ishihara. Journal of Clinical Medicine. August 2025. Doi—10.3390/jcm14155520.

- Preoperative erector spinae muscle quality is more important than leg muscle quality for postoperative walking recovery in lumbar spinal stenosis: a retrospective study in Japanese patients. Tomoyoshi Sakaguchi, Masato Tanaka, Mandar Borde, Jein Boon Chen, Shinya Arataki, Tadashi Komatsubara, et al. Asian Spine Journal. March 2026. Doi—10.31616/asj.2025.0537.
- Does magnetic resonance imaging morphology correlate with neurological status in operatively treated lumbar canal stenosis? A retrospective study. Venugopal Menon, Akash Mane, Mandar Borde, Sangram Rajale, Umesh Kanade, Tanmay Datey, Abhishek Kumar. Asian Spine Journal. March 2026. Doi—10.31616/asj.2025.0451.