

DR. ABHINAV MISHRA

Consultant - Orthopaedic

Qualification

MBBS | MS (Orthopaedics), AIIMS, Delhi | DNB (Orthopaedics)

Overview

Dr. Abhinav Mishra is a highly skilled consultant orthopaedic surgeon at Bhagwan Mahavir Manipal Hospitals, Ranchi. He completed his MBBS from Mysore Medical College & Research Institute, Mysore. He later earned an MS in Orthopaedics from the All India Institute of Medical Sciences (AIIMS), Delhi, and a DNB in Orthopaedics. Dr. Mishra has undergone advanced training through prestigious fellowships. These include the ISAKOS Fellowship in Shoulder and Knee Arthroscopy, the NHKJRF Clinical Fellowship in Knee and Hip Arthroplasty, and the IAA Fellowship in Joint Replacements, where he has been trained in Robotic and Revision Surgeries . These experiences, under the guidance of leading national and international mentors, have sharpened his skills in complex joint procedures. Over the past 8 years, Dr. Mishra has built extensive clinical expertise through senior residencies at reputed hospitals in Delhi and Ranchi. He also served as a consultant at leading healthcare institutions in Ranchi. His surgical expertise covers a broad spectrum of orthopaedic care. He has independently completed more than 7,000 trauma procedures, including Complex Pelvic, Acetabular, and Intra-articular Fracture Fixations. In addition, Dr. Mishra has

performed over 1000 Primary and Revision Hip and Knee Arthroplasties, including advanced procedures using navigated and robotic-assisted techniques. His Arthroscopy experience includes more than 1000 Knee Surgeries including ACL reconstruction, PCL reconstruction & multiligament injuries, as well as over 300 Shoulder Arthroscopies, including Bankart Repair and Rotator Cuff Repair. In Shoulder Reconstruction, Dr. Mishra has assisted and performed over 40 Reverse Shoulder Replacements under expert supervision. His Spine Surgery exposure spans both assistance and independent procedures. He has participated in complex surgeries, such as Kyphoscoliosis correction and Growth Modulation. He has performed several spinal fusion, decompression and stabilisation procedures independently. He is also trained in Orthopaedic Oncology and Paediatric Orthopaedics, managing Tumour Resections and Paediatric Corrective Surgeries. Dr. Mishra is actively involved in academics and research. He has authored PubMed-indexed publications in reputed journals, including the Journal of Orthopaedic Case Reports and the Journal of Orthopaedics and Traumatology (JOIO). He has presented at leading conferences and received accolades such as the Best Case Presentation (Under 40) at the AIIMS Clinical Case Assembly. He is regularly invited as faculty at national and state-level conferences, including the AOPAS–JOA Pelvi-Acetabular Conference and the Chandigarh Shoulder Course, among others. He also plays an active role in various professional bodies. He is a member of the Indian Orthopaedic Association (IOA), the Indian Arthroscopy Association (IAA), and the Indian Arthroplasty Association. He is also affiliated with the Jharkhand Orthopaedic Association and ISKSAA (Indian Society of Knee Surgery, Arthroscopy, & Arthroplasty). Known for his dedication, precision, and patient-centric approach, Dr. Abhinav Mishra combines advanced surgical expertise with compassion and teamwork. He aims to advance the field of Arthroscopy, Arthroplasty, and Sports Medicine, while making specialised and ethical care accessible to all.

Fellowship & Membership

- Fellowship in Shoulder and Knee Arthroscopy, International Society of Arthroscopy, Knee Surgery and Orthopaedic Sports Medicine (ISAKOS) under the guidance of Dr. Manit Arora at Fortis Hospital, Mohali.
- Clinical Fellowship in Knee and Hip Arthroplasty, National Health and Knee Joint Research Foundation (NHKJRF), under the guidance of Prof. C. S. Yadav at Primus Super Speciality Hospital, Chanakyapuri, New Delhi.
- Member of the Indian Orthopaedic Association.
- Member of the Indian Arthroscopy Association.
- Member of the Indian Arthroplasty Association.
- Member of the Jharkhand Orthopaedic Association.
- Member of the Indian Society of Knee Surgery, Arthroscopy & Arthroplasty (ISKSAA).

Field of Expertise

- Knee Arthroscopy & Sports Injuries - Anterior Cruciate Ligament (ACL), Posterior Cruciate Ligament (PCL), Medial Collateral Ligament (MCL), Lateral Collateral Ligament (LCL), Medial Patellofemoral Ligament (MPFL) Reconstructions, Meniscal repairs, Multi-ligament injury management.
- Shoulder Arthroscopy—Bankart Repair, Remplissage, Rotator Cuff Repair (Single and Double Row), Superior Labrum Anterior to Posterior (SLAP) Repair, Subacromial Decompression, Acromioplasty, and Modified Mumford procedure.
- Hip and Knee Arthroplasty—Primary and Revision Joint Replacements, Cruciate-retaining Implants, Navigated and Robotic-assisted Surgeries, Revision Arthroplasty.
- Complex Trauma Surgery—Management of acetabular, pelvic,

and intra-articular fractures, Open Reduction and Internal Fixation (ORIF), Interlocking Nailing (ILN), Minimally Invasive Plate Osteosynthesis (MIPO).
- Shoulder Arthroplasty—Reverse Shoulder Replacement.
- Orthopaedic Oncology & Paediatric Orthopaedics—Tumour Resections and Reconstructive Procedures, including Corrective and Reconstructive Surgeries in Paediatric Orthopaedics.
- Spinal Surgery (Assistance)—Kyphoscoliosis Correction, Growth Modulation of Spine, Discectomy, Transforaminal Lumbar Interbody Fusion (TLIF), Minimally Invasive TLIF (MIS-TLIF), Anterior Cervical Discectomy and Fusion (ACDF), Decompression, and Spinal Stabilisation.
- Advanced Techniques—Arthroscopic ACL repairs with All-suture and Knotless Anchors, Dual mobility Total Hip Replacements (THR), Titanium Nitride (TiNiN)-coated Cruciate-retaining Implants, Computer Navigation and Robotic-assisted Joint Replacements.

Languages Spoken

- Hindi
- English

Awards & Achievements

- Winner, Best Case Presentation (Below 40) at Clinical Case Assembly (CCA), AIIMS, Delhi, 2022 – Total Hip Replacement in Neglected Acetabular Fracture using Primary Components and Impaction Bone Grafting.

Talks & Publications

- Submitted thesis on “Comparison Of Immediate Pain Control And Early Functional Recovery In Patients Undergoing Shoulder Arthroscopic Procedures Between General Anaesthesia And General Anaesthesia With Interscalene Brachial Plexus Block—A Randomised Control Trial” under the guidance of eminent Professor Hira Lal Nag.
- Regularly Presented Seminars On Specialised Topics to Senior Consultants and Residents at All India Institute of Medical Sciences (AIIMS)
- Participated in Continuing Medical Education programs (CMEs), workshops, and conferences held at All India Institute of Medical Sciences (AIIMS)
- Delhi Orthopaedic Association (DOA), Basic Trauma Course.
- Delhi Orthopaedic Association (DOA), Orthopaedic Oncology in a Nutshell CME.
- Clinical Case Assembly (CCA), AIIMS, 2015, 2016, 2017, 2018.
- AIIMS Arthroplasty Update, 2016, 2017, 2018.
- Gwalior Orthopaedic Society Conference (GOSICON), 2018.
- Annual Conference of the Indian Orthopaedic Association (JOACON), 2019, 2021, 2022, 2023.
- Meril Master Course, Trauma, 2022.
- Pune Knee Course, 2023.
- Association of Pelviacetabular Surgeons (AOPAS), Pelviacetabular Workshop, Murshidabad, 2023.
- Indian Arthroscopy Society Conference, Lucknow 2023, Bangalore 2024.
- Indian Arthroplasty Association Conference, Chandigarh 2023, Bhubaneswar 2024.
- Smith & Nephew Visitor Surgeon Programme, Lucknow, 2023.
- LaPrade Complex Knee Injuries Master Course, Jaipur, 2023.
- Meril Master Course, Arthroplasty, 2023.
- Jharkhand Knee Symposium (Organising Secretary), 2025.

- Smith & Nephew Advanced Knee Arthroscopy Instructional Course, Singapore.
- Chandigarh Shoulder Course (Faculty), 2025.
- Anand S, Kanwat M, Mishra A, Mittal R, Yadav CS. Management of Patellar Tendon Rupture after Total Knee Arthroplasty using Hamstring Graft: A Case Report. Journal of Orthopaedic Case Reports. 2018; 8(2): 57–60. doi:10.13107/jocr.2250-0685.1050.
- Mishra A, Das S, Prasad H, et al. An Unexpected Intra-operative Encounter of Anterior Tibial Vessels Entrapment in the Fracture of Tibial Pilon: A Case Report and Literature Review. Journal of Orthopaedics and Traumatology (JOIO). 2021; 55: 775–779. https://doi.org/10.1007/s43465-020-00305-1.