

DR. DINESH MANNI

Consultant - Orthopedic and Robotic Joint Replacement Surgery

Qualification

MBBS | D. ORTHO | DNB ORTHOPAEDIC SURGERY

Overview

Dr. Dinesh Manni is a robotic joint replacement and orthopaedic surgeon in Whitefield, Bengaluru, with over 15 years of experience in orthopaedics and joint reconstruction. He is currently practising as a Consultant – Orthopaedics and Robotic Joint Replacement Surgery at Manipal Hospital, Varthur Road, Whitefield, with focused expertise in robotic-assisted hip and knee replacements, complex revision arthroplasty, arthroscopic reconstruction, and advanced trauma care. With qualifications including MBBS, Diploma in Orthopaedics, and DNB in Orthopaedic Surgery, Dr. Dinesh's training spans high-volume tertiary centres and specialised arthroplasty units. His clinical work covers robotic-assisted total hip and knee replacement surgeries, including partial knee replacements using robotic navigation systems. Robotic-assisted arthroplasty enhances implant alignment accuracy, optimises soft tissue balance, and supports reproducible component positioning, particularly in complex primary and revision cases. His certification in robotic joint replacement and participation in structured cadaveric and revision arthroplasty programs strengthen his operative precision in technologically assisted joint reconstruction. Beyond

primary arthroplasty, he manages complex hip and knee revision surgeries, which require detailed preoperative evaluation, implant removal strategies, bone defect management, and restoration of joint biomechanics. His surgical scope also includes anatomical and reverse shoulder replacement surgeries, arthroscopic knee and shoulder reconstruction, and revision ACL reconstruction procedures. His research on ACL graft size prediction using anthropometric data and MRI reflects a systematic approach to ligament reconstruction planning. This depth of clinical and research engagement positions him among the best orthopaedic surgeons in Whitefield for joint replacement and advanced sports injury management. Dr. Dinesh has extensive trauma experience, including fracture fixation, intramedullary nailing, open reduction and internal fixation, deformity correction, and foot and ankle procedures. He has completed AO Basic and AO Advanced trauma courses and participated in multiple operative arthroplasty and hand surgery workshops, including international cadaver programs in Thailand, Singapore, and Dubai. His work also includes hand surgery, tendon transfers, and deformity correction procedures, reflecting comprehensive orthopaedic surgical exposure. Academically, he has presented and published work on meniscal and ACL injuries, femoral footprint comparison in acute versus chronic ACL injuries, and graft size prediction in ACL reconstruction. His publications in peer-reviewed orthopaedic journals and participation in national and international conferences demonstrate ongoing academic contribution. Fluent in English, Telugu, Kannada, and Hindi, he communicates operative plans and recovery expectations clearly, ensuring patients understand functional goals and rehabilitation timelines following surgery. Robotic-assisted precision, combined with trauma and arthroscopy expertise, contributes to his reputation as one of the best orthopaedic surgeons in Whitefield, particularly for patients requiring advanced hip and knee replacement procedures.

Fellowship & Membership

- Certificate course in joint arthroplasty, Thailand.
- Certificate course in basic and advanced knee arthroscopy.
- AO trauma basic.
- Bangalore orthopedic society.
- Karnataka orthopedic society.

Field of Expertise

- Robotic-assisted hip and knee replacement surgeries.
- Robotic-assisted partial knee replacement surgeries.
- Complex hip and knee revision joint replacement surgeries.
- Shoulder replacement surgeries (anatomical & reverse shoulder).
- Arthroscopic knee and shoulder reconstruction surgeries.
- Revision ACL reconstruction surgeries.
- Complex trauma and fracture fixation surgeries.
- Foot and ankle surgeries.
- Hand surgery, deformity correction and tendon transfers.

Languages Spoken

- English
- Telugu
- Kannada

Talks & Publications

- Prediction of autologous hamstring graft size in ACL reconstruction using gender, activity level, anthropometric

parameters & MRI- A prospective & retrospective study
- Correlation of clinical, radiological and arthroscopic findings of meniscal and anterior cruciate ligament injuries of knee;
- Comparison of femoral foot prints in acute V/S chronic ACL injury
- July 2017;
- Proximal focal femoral deficiency management with ilizarov a case study, OASISCON