

DR. KIRAN KUMAR MANNAVA

Consultant - Orthopaedics and Robotic Joint Replacement Surgery

Qualification

MBBS | MS (Orthopedics) | FIJR

Overview

Dr. Kiran Kumar Mannava is an experienced orthopaedic surgeon in Vijayawada with over 8 years of experience in trauma care, joint replacement, and arthroscopic surgery. He is currently practising as a Consultant - Orthopaedics and Robotic Joint Replacement Surgeon at Manipal Hospital Vijayawada, with advanced expertise in complex trauma management, knee and hip replacement, and sports-related injuries. After completing his MBBS from Sri Devaraj Urs Medical College and MS in Orthopaedics from Kasturba Medical College, Manipal, Dr. Kiran underwent structured training across multiple orthopaedic subspecialties, including hand and microvascular surgery, paediatric orthopaedics, spine surgery, sports medicine, arthroplasty, and trauma. This rotational exposure provided him with a broad and technically refined surgical foundation, enabling comprehensive management across age groups and injury patterns. His clinical experience includes independently performing over 1200 trauma surgeries, addressing fractures ranging from simple long-bone injuries to complex peri-articular and multi-fragmentary fractures. Trauma surgery demands rapid assessment, anatomical precision, and long-

term rehabilitation planning, particularly when joint preservation is a priority. In addition, he has independently performed approximately 450 knee and hip replacement surgeries and assisted in more than 600 joint replacements earlier in his career. Joint arthroplasty requires careful alignment restoration, implant positioning accuracy, and structured post-operative rehabilitation protocols, areas in which he has developed consistent operative outcomes. Dr. Kiran also has substantial experience in arthroscopy, having independently performed around 150 knee and shoulder arthroscopic procedures and assisted in over 350 cases. Arthroscopic surgery requires a detailed understanding of ligament biomechanics, cartilage integrity, and minimally invasive instrumentation. His research work on medial patellofemoral ligament reconstruction for recurrent patellar dislocation reflects his interest in knee stability and sports-related injuries. His published and presented work at national forums such as IOACON and KOACON highlights continued academic engagement in orthopaedic advancements. At Manipal Hospital Vijayawada, his practice focuses on trauma stabilisation, joint preservation strategies, total knee and hip replacement, ligament reconstruction, and shoulder arthroscopy. His surgical expertise and high procedural volume position him among the best orthopaedic surgeons in Vijayawada for comprehensive musculoskeletal care. He maintains a structured approach to diagnosis, combining clinical examination with radiological assessment to determine operative versus non-operative pathways.

Fellowship & Membership

- Fellowship in joint replacement surgery (Depuy J&J).
- Completed AO Basic and AO Advanced courses.
- Cadaveric hip arthroplasty course at MS Ramaiah cadaveric lab, Bangalore in 2019.

Field of Expertise

- Complex trauma, Joint replacement & Arthroscopy at Kasturba Medical College, Manipal
- Complex Pelvic Acetabular fracture
- Joint replacement surgeries
- Knee/Hip/Shoulder (Primary and revision)
- Arthroscopic Surgeries

Languages Spoken

- Telugu
- English
- Kannada
- Hindi

Talks & Publications

- Presented poster on "Rare presentation of Embryonal rhabdomyosarcoma in hand in an infant "at ISSHCON 2014, Mangalore.
- Presented poster on "A rare combination injury of fracture-dislocation of the elbow in a child" at KOACON 2015, Mysore.
- Presented paper on "Clinical and radiological outcome of Medial Patello Femoral Ligament reconstruction in Recurrent patellar dislocation" at IOACON 2015, Jaipur.
- Presented poster on"Untreated coronal split fracture of the distal end of the humerus in a child" at KOACON 2016, Bangalore.
- A benign ancient schwannoma of the tibia nerve" Kiran Kumar mannava, Sandesh madi, Vivek Pandey, Kiran Acharya. (BMJ)
- Is Schottle's point attachment of medial patellofemoral

ligament can be located by palpation and is it mandatory for a successful outcome in recurrent patellar dislocation? "" kiran kumar mannava, Vivek pandey , kiran acharya (JAJS).

- Dr. Kiran Kumar Mannava on Popping noise: When should you worry about it? in Happiest Health. Click Here