

DR. VIKRANT SINHA ROY

Associate Consultant - Orthopaedics

Qualification

MBBS | DNB (Orthopaedics) | Fellowship in Robotic Surgery and Sport Medicine

Overview

Dr. Vikrant Sinha Roy is an accomplished orthopaedic surgeon practising at Manipal Hospitals, Dhakuria, Kolkata. As an associate consultant, he brings with him over five years of clinical experience, backed by specialised fellowship training and a passion for patient-centric, minimally invasive care. His educational journey began with an MBBS degree from the Institute of Post-Graduate Medical Education and Research and Seth Sukhlal Karnani Memorial Hospital (IPGME&R and SSKMH), followed by a DNB in Orthopaedic Surgery from Hospital for Orthopaedics, Sports Medicine, Arthroplasty, and Trauma (HOSMAT) Hospital, Bangalore, under Dr Thomas Chandy. Further honing his expertise, Dr. Sinha Roy pursued fellowships in Robotic Surgery and Sports Medicine at Croix-Rousse Hospital in Lyon, France, with Dr Sebastian Lustig, and in Arthroscopy and Arthroplasty in India under the guidance of Dr Kanchan Bhattacharyya. He is the best ortho doctor in Dhakuria. Dr. Sinha Roy’s clinical expertise spans a wide range of orthopaedic and sports injuries. His practice includes both conservative management of back pain, sciatica and radiculopathy and advanced surgical solutions for complex spine and joint disorders. He is highly

skilled in Minimally Invasive Arthroscopic Surgery, Ligament reconstruction, rotator cuff repair, recurrent shoulder dislocation surgery, sports injury prevention and treatment, robotic-assisted joint replacement, Total Hip and Knee Replacement, partial knee replacement, knee preservation surgery and designing personalised rehabilitation plans for each patient's recovery journey. Dr. Sinha Roy is an active member of the West Bengal Orthopaedic Association (WBOA) and the Indian Arthroscopy Society (IAS). Known for his empathetic approach and fluency in English, Bengali, Hindi, and Kannada, he is widely appreciated for his ability to connect with patients across diverse linguistic backgrounds. Dr. Sinha Roy's fusion of innovation and compassion is reflected in his use of robotic-assisted techniques and his commitment to achieving optimal functional outcomes for each patient. His dedication to evidence-based care and continuous learning positions him as a forward-thinking practitioner within the orthopaedic field.

Fellowship & Membership

- Fellowship in Robotic Surgery and Sports Medicine
- Fellowship in Arthroscopy and Arthroplasty
- Member of West Bengal Orthopaedic Association (WBOA)
- Member of the Indian Arthroscopy Society (IAS)

Field of Expertise

- Specialising in performing advanced Minimally Invasive, Arthroscopic repair and reconstruction of ligaments of the knee and Meniscus repair with precision and reduced recovery time.
- Demonstrates expert proficiency in the treatment of rotator cuff tears and recurrent shoulder dislocation conditions through techniques such as arthroscopic rotator cuff repair, Bankart's

repair and Laterjet procedures.
- Proficient in replacement surgeries of the knee, hip and shoulder, including Robotic Total knee replacement, Partial knee replacement, Total hip replacement, Bipolar hip replacement, Total shoulder and Reverse shoulder replacement.
- Delivers comprehensive care in the correction of knee deformities such as varus and valgus by knee-preserving techniques such as High tibial osteotomy and distal femur osteotomy.
- Expertise includes effective management of simple and complex trauma for optimal outcomes.
- Skilled in precision-based non-surgical treatments, including intra-articular and intra-lesional injection and pain management techniques tailored to relieve chronic discomfort and enhance patient mobility.

Languages Spoken

- English
- Bengali
- Hindi
- Kannada

Awards & Achievements

- Successfully completed advanced fellowship training in Robotic Surgery and Sports Medicine at Croix-Rousse Hospital, Lyon, France, a centre of excellence in minimally invasive techniques under Dr Sebastian Lustig.
- Completed a fellowship in arthroscopy and arthroplasty under the mentorship of Dr Kanchan Bhattacharyya.

- Recognised for clinical expertise in Arthroscopy and Arthroplasty, contributing to improved outcomes in joint replacement and mobility restoration.
- Regularly participates in national and regional orthopaedic forums to stay abreast of the latest innovations and contribute to knowledge exchange