

DR. DEBASIS CHAKRAVARTY

Director - Orthopaedics

Qualification

MBBS | M.S. (Orth) | MRCS (Edin) | FRCS (Tr& Orth)

Overview

Dr. Debasis Chakravarty is a highly accomplished Director – Orthopaedics at Manipal Hospital Broadway, Salt Lake, Kolkata, and is widely regarded as one of the best orthopaedic doctors in Kolkata for his expertise in joint replacement, trauma care, and complex revision surgeries. With over 30 years of extensive clinical and surgical experience, he has built a strong reputation for delivering exceptional outcomes in both routine and highly challenging orthopaedic cases. His patient-first approach, combined with precision-driven surgical techniques and international training, has made him a trusted name among patients not only in Kolkata but also across Eastern India and neighbouring regions seeking advanced orthopaedic care. He completed his MBBS in 1992 and MS in Orthopaedics in 1996 from the prestigious Medical College & Hospital, University of Calcutta. Driven by a constant pursuit of excellence, Dr. Chakravarty further enhanced his expertise through international training in the United Kingdom, earning the MRCS (Edinburgh) in 2001 and the highly respected FRCS (Trauma & Orthopaedics) in 2009. His extensive clinical exposure at Peterborough & Stamford NHS Hospitals allowed him to gain hands-on

experience in advanced orthopaedic procedures, trauma management, and complex surgical decision-making. This global exposure has played a significant role in shaping his approach, enabling him to deliver treatment aligned with international standards while establishing himself as a Top Orthopaedic Doctor in Broadway, kolkata. Dr. Debasis Chakravarty specializes in a wide spectrum of advanced orthopaedic procedures, with a primary focus on joint replacement and arthroplasty, including Total Knee Replacement (TKR), Total Hip Replacement (THR), shoulder replacement, and elbow joint replacement. He is also experienced in robotic-assisted knee replacement surgery and minimally invasive joint replacement techniques, which help reduce surgical trauma, ensure faster recovery, and improve long-term functional outcomes. His expertise extends beyond primary procedures to include complex revision joint replacement surgeries, where he manages failed implants, prosthetic joint infections, severe bone loss, and deformities. These cases require meticulous planning, surgical precision, and deep expertise, all of which he brings consistently, making him a preferred choice for anyone seeking a Top Orthopaedic Doctor in Broadway, Kolkata. In addition to joint replacement, Dr. Chakravarty is highly skilled in complex trauma and fracture management, providing comprehensive care for patients with accident-related injuries, polytrauma, pelvic and acetabular fractures, as well as non-union and malunion cases. His advanced training as an Arthroplasty Fellow at Endoklinik Hamburg and AO Trauma Fellow at BG Unfallklinik Ludwigshafen in Germany has significantly strengthened his ability to manage critical trauma cases and complicated reconstructive surgeries. His approach ensures not only fracture healing but also restoration of function and mobility, which is crucial for long-term patient recovery. A strong advocate of modern and minimally invasive care, Dr. Chakravarty is at the forefront of regenerative orthopaedics in Kolkata, offering non-surgical treatments such as Platelet-Rich Plasma (PRP) therapy, Bone Marrow Concentrate (BMC), and stem cell therapy. These advanced treatments

are particularly beneficial for patients with early-stage arthritis, cartilage damage, ligament injuries, and sports-related conditions, helping to delay or even avoid the need for surgery. His expertise also includes sports injury management, covering ligament injuries such as ACL, PCL, and meniscus tears, cartilage repair procedures, and arthroscopic surgeries, along with structured rehabilitation programs that ensure optimal recovery and return to activity. One of the key areas where Dr. Chakravarty stands out is hip preservation and young patient orthopaedics, particularly in the management of avascular necrosis (AVN) and early hip arthritis. He specializes in performing uncemented hip replacement surgeries with advanced ceramic bearings, which offer superior durability, reduced wear, and improved long-term outcomes. His treatment philosophy focuses on preserving natural joint function wherever possible, especially in younger patients, while ensuring timely and effective surgical intervention when required. This balanced and patient-centric approach has resulted in high success rates and long-term satisfaction among his patients. Dr. Chakravarty also provides comprehensive care for individuals suffering from osteoarthritis, rheumatoid arthritis, and chronic joint pain, offering both surgical and non-surgical treatment options tailored to each patient’s condition and lifestyle. His approach integrates advanced diagnostic evaluation, evidence-based treatment planning, modern surgical techniques, and personalized rehabilitation protocols. By focusing on the complete treatment journey—from diagnosis to recovery—he ensures that patients achieve not just pain relief but also improved mobility and quality of life. Beyond clinical practice, Dr. Chakravarty has made significant contributions to orthopaedic research and academics. He has presented and published his work in various reputed national and international forums across the UK, Europe, and India. His areas of interest include joint replacement advancements, trauma outcomes, osteonecrosis, fracture management, and sports injuries. His commitment to continuous learning and innovation allows him to stay updated with the latest

advancements in orthopaedics and incorporate them into his clinical practice for better patient outcomes. As the Director – Orthopaedics at Manipal Hospital Broadway, Salt Lake, Kolkata, Dr. Chakravarty plays a pivotal leadership role in shaping the department's clinical excellence and patient care standards. He works closely with a multidisciplinary team to ensure that every patient receives comprehensive and coordinated care supported by advanced infrastructure and cutting-edge medical technology. His leadership has been instrumental in strengthening the hospital's reputation as a leading center for orthopaedic treatment in Kolkata. Known for his compassionate and patient-centric approach, Dr. Chakravarty believes in clear communication, thorough evaluation, and personalized treatment planning. He takes the time to explain conditions, treatment options, and expected outcomes, enabling patients to make informed decisions about their health. Fluent in English, Hindi, and Bengali, he ensures that patients from diverse backgrounds feel comfortable and confident throughout their treatment journey. With a unique combination of extensive experience, international training, advanced surgical expertise, and a holistic approach to care, Dr. Debasis Chakravarty continues to be one of the most trusted orthopaedic specialists in Kolkata. His dedication to restoring mobility, reducing pain, and enhancing the quality of life for his patients makes him a preferred choice for those seeking the best orthopaedic care at Manipal Hospital Broadway, Salt Lake, Kolkata.

Fellowship & Membership

- Member of the Medical Council of India (MCI)
- Member of the Royal College of Surgeons (MRCS) of Edinburgh
- Fellowship of the Royal College of Surgeons in Trauma and Orthopaedics (FRCS)
- AO Trauma Fellowship at BG Unfallklinik, Ludwigshafen, Germany

- Fellowship in Revision Arthroplasty from Endoklinik, Hamburg, Germany

Field of Expertise

- Specialising in complex Joint Replacement Surgeries involving the hip, knee, shoulder and elbow, ensuring enhanced mobility and long-term joint function
- Demonstrates expertise in performing Revision Surgeries for failed hip and knee implants, restoring function
- Pioneer in using regenerative therapies such as Bone Marrow Concentrate (BMC), PRP, and stem cell injections to treat early arthritis, cartilage damage, and sports injuries.
- Proficient in performing Patello-femoral and Unicompartmental (partial) knee replacements for appropriate clinical conditions, guaranteeing targeted joint preservation
- Focused on managing conditions like avascular necrosis (AVN) and hip arthritis in young patients with advanced hip preservation techniques like Uncemented Hip Repalcements with Ceramic Bearings.

Languages Spoken

- English
- Hindi
- Bengali

Talks & Publications

- Chakravarty D, Khanna A, Kumar A. Post-Traumatic Osteonecrosis Of The Distal Tibia. Injury Extra.

2007;38:262–266.

- Khanna A, Haleem S, Chakravarty D, Massraf A. Long-Term Functional Outcome Of Patients With Symptomatic Clavicular Non-Union: A Comparison Between Heavy Manual Worker And Light Worker Group. Injury Extra. 2008 May;39(5):171.
- Khan SK, Chopra R, Chakravarty D. Successful Closed Manipulation Of A Pure Lateral Traumatic Dislocation Of The Elbow Joint Using A Modified Stimson's Technique: A Case Report. J Med Case Reports. 2008 May 22;2:170.
- Bhaskar D, Singla A, Chakravarty D, Raghavan R, Parker MJ. Outcome Of Femoral Neck Fracture In The Young Adult. Injury Extra. 2008 May;39(5):193.
- Chakravarty D, Chopra S, Jones J. BB Guns – A Dangerous Toy. J R Army Med Corps. 2006 Dec;152(4):239–241.
- Chakravarty D, Gadepalli C, Kumar A. Fracture In Congenitally Dislocated Patella. Injury Extra. 2005;36:542–545.
- Chakravarty D, Chopra S, Jones J. Osteogenesis Imperfecta And Cyclical Pamidronate Infusion. BMJ. 2006 Apr;332:802.
- Johnston P, Wynn-Jones H, Chakravarty D, Boyle A, Parker MJ. Is Perioperative Blood Transfusion A Risk Factor For Mortality Or Infection After Hip Fracture? J Orthop Trauma. 2006 Nov-Dec;20(10):675–679.
- Chakravarty D, Parker MJ, Boyle A. The Consequences Of Blood Transfusion For Hip Fractures. J Bone Joint Surg Br. 2006;88-B(Suppl 1):43.
- Chakravarty D, Benchley J, Sloan J. Risk Reduction Through Skeletal Scintigraphy As A Screening Tool In Suspected Scaphoid Fracture: A Literature Review. Emerg Med J. 2002 Nov;19(6):507–509.
- Chakravarty D, Tang T, Vowler SL, Villar R. Waiting Time For Primary Hip Replacement—A Matter Of Priority. Ann R Coll Surg Engl. 2005 Jul;87(4):269–273.
- Gan C, Chakravarty D, Flint G. Ring Fracture Of The Skull Base:

Case Report And Review Of Literature. Br J Neurosurg. 2001 Jun;16(3).

- Gan C, Chakravarty D, Flint G. Outcomes Of Endoscopic Third Ventriculostomy In The Adult Population. World Congress Of Neurological Surgery, Sydney. 2001. [Published In Book Of Proceedings].
- Chakravarty D, Hill N, Jones J. Aggressive Digital Papillary Adenocarcinoma—A Case Report. Submitted To Journal Of Hand Surgery (British And European Edition).
- Chakravarty D, Kumar A. Proximal Realignment Of Extensor Mechanism In Congenital/Recurrent Dislocation Of Patella – Short To Mid-Term Functional Outcome. Peterborough Hospitals.
- Chakravarty D, Pathak G. Chronic Multifocal Osteomyelitis – An Unusual Presentation. Peterborough Hospitals.
- Chakravarty D. Evaluation Of Different Methods Of Treatment Of Closed Fracture Tibia-Fibula: Follow-Up Of Sixty Patients Over A Period Of Three Years. M.S Thesis, University Of Calcutta.
- Presented at the 7th EFFORT Congress, Lisbon, June 2005:
- White A, Parker MJ, Boyle A, Chakravarty D. Is There a Role for Hemiarthroplasty in the Treatment of Non-Displaced Femoral Neck Fractures?
- Presented at the 11th Meeting of the Combined Orthopaedic Associations, Sydney, Australia, October 2004, and the 7th EFFORT Congress, Lisbon, June 2005:
- Chakravarty D, Boyle A, Parker MJ. The Consequences of Blood Transfusion for Hip Fractures.
- Presented at the 11th Meeting of the Combined Orthopaedic Associations, Sydney, October 2004:
- Tolat A, Chakravarty D. Anatomy of Ulnar Extensor Tendons.
- Presented at the East Anglia Paediatric Orthopaedic Meeting, October 2006:

- The Ponseti Method of Management of Club Feet – The Peterborough Experience – Review of Early Results of Patients Treated by Ponseti Method of Treatment. Department of Orthopaedics, Peterborough Hospitals, August 2006.
- Presented at the Regional Clinical Governance Meeting at the A&E Department, LGI, Leeds, 1999:
- The Role of Early Radionuclide Scanning in Clinically Suspected but Radiograph Negative Scaphoid Fractures with an Ultimate View at Risk Reduction.
- Presented at the British Orthopaedic Association Annual Congress in Birmingham, September 2003, and the British Trauma Society Meeting in London, October 2003:
- Chakravarty D, Boyle A, Parker MJ. The Consequences of Blood Transfusion for Hip Fractures.
- Presented at the Naughton Dunn Meeting at Royal Orthopaedic Hospital, Birmingham, November 2006:
- Chakravarty D, Khanna A, Massraf A. Long-Term Functional Outcome of Patients With Symptomatic Clavicular Non-Union: A Comparison Between Heavy Manual Worker and Light Worker Group.
- Poster Presented at the British Trauma Society Meeting, 2004:
- Chakravarty D, Kar S. Nursing Awareness About Compartment Syndrome – This Study Explores Awareness Amongst Nurses About Compartment Syndrome.
- Presented at the British Trauma Society Meeting, 2007:
- Chakravarty D, Bhasker D, Parker MJ. Long-Term Functional Outcome in Young Patients With Fracture Neck of Femur.
- Poster Presented at the British Trauma Society Meeting, 2007:
- Bhasker D, Chakravarty D, Singla A. Demographics of Horse-Riding Injuries Presenting in Accident & Emergency Department of a District General Hospital. Department of Orthopaedics and Trauma, Peterborough Hospitals.