

DR. DEBASIS CHAKRAVARTY

Senior Consultant - Orthopaedic Surgeon

Qualification

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

Overview

Dr. Debasis Chakravarty is a highly accomplished and experienced orthopaedic specialist, currently practising at Manipal Hospital Salt Lake, Kolkata, where he serves as Senior Consultant – Orthopaedics. With qualifications including MBBS, M.S. Orthopaedics, MRCS Edinburgh, and FRCS Trauma & Orthopaedics, he brings together strong academic training, international exposure, and more than three decades of clinical and surgical experience in the field of orthopaedics. Over the years, Dr. Chakravarty has earned a strong reputation for his expertise in joint replacement surgery, complex trauma care, fracture management, and revision arthroplasty. His practice at Manipal Hospital Broadway, Salt Lake, Kolkata, focuses on providing advanced orthopaedic treatment with a patient-first approach, helping individuals regain mobility, reduce pain, and improve their overall quality of life. The available profile highlights that he is widely regarded for his work in joint replacement, trauma care, and complex revision surgeries. Dr. Chakravarty completed his MBBS in 1992 and MS in Orthopaedics in 1996 from Medical College & Hospital, University of Calcutta. His commitment to advanced medical training later took him to the United

Kingdom, where he earned MRCS Edinburgh in 2001 and FRCS in Trauma & Orthopaedics in 2009. This international training has played an important role in shaping his clinical approach, particularly in advanced surgical planning, trauma management, and complex orthopaedic decision-making. One of his major areas of expertise is joint replacement surgery, including hip replacement, knee replacement, shoulder replacement, and elbow replacement. These procedures are often required for patients suffering from severe arthritis, joint degeneration, chronic pain, reduced mobility, or damaged joints due to injury or disease. Dr. Chakravarty's focus is not only on replacing the damaged joint but also on restoring function, improving movement, and helping patients return to a more active and independent lifestyle. At Manipal Hospital Broadway, Salt Lake, Kolkata, he also manages patients requiring robotic-assisted knee replacement and minimally invasive joint replacement techniques. These modern surgical approaches are designed to reduce tissue damage, support faster recovery, and improve long-term outcomes. For patients dealing with knee or hip pain that affects daily activities such as walking, climbing stairs, sitting, standing, or sleeping comfortably, his treatment planning includes detailed evaluation, appropriate investigations, and a personalised care pathway. Dr. Chakravarty is also known for his expertise in revision arthroplasty surgery, which involves correcting or replacing failed joint implants. Revision surgery is often more complex than primary joint replacement because it may involve bone loss, implant loosening, infection, deformity, or previous surgical complications. His profile specifically highlights his experience in managing failed implants, prosthetic joint infections, severe bone loss, and deformities. These conditions require advanced surgical skill, careful planning, and deep experience, making revision arthroplasty one of his important areas of practice. In addition to joint replacement, Dr. Chakravarty has significant expertise in fracture, dislocation, and polytrauma management. He provides comprehensive care for patients with accident-related injuries, pelvic

and acetabular fractures, non-union, malunion, and complicated trauma cases. His approach focuses not only on fracture healing but also on restoring function, stability, and long-term mobility. This is especially important for patients recovering from high-impact injuries, road traffic accidents, sports trauma, or complex orthopaedic emergencies. His advanced fellowships further strengthen his position as a specialist in complex orthopaedic care. He has completed an AO Trauma Fellowship at BG Unfallklinik, Ludwigshafen, Germany, and a Fellowship in Revision Arthroplasty from Endoklinik, Hamburg, Germany. These fellowships reflect specialised training in trauma management, revision joint replacement, and reconstructive orthopaedic surgery. Dr. Chakravarty also practices regenerative orthopaedics, offering non-surgical treatment options for selected patients. These include Platelet-Rich Plasma therapy, Bone Marrow Concentrate, and stem cell-based treatments. Such therapies may be useful in early-stage arthritis, cartilage damage, ligament injuries, and sports-related conditions, especially when the goal is to reduce symptoms, support healing, and delay the need for surgery where clinically appropriate. His expertise also extends to sports injury management, including ligament injuries such as ACL and PCL tears, meniscus injuries, cartilage damage, and arthroscopic procedures. For active individuals, athletes, and younger patients, his care plan often includes accurate diagnosis, appropriate treatment selection, and structured rehabilitation to support safe return to movement and activity. Another important area of his work is hip preservation and young patient orthopaedics, particularly in conditions such as avascular necrosis and early hip arthritis. He has expertise in uncemented hip replacement surgeries with ceramic bearings, which are designed for durability, reduced wear, and better long-term outcomes in suitable patients. His treatment philosophy focuses on preserving the natural joint whenever possible while recommending timely surgical intervention when required. Dr. Chakravarty also treats patients suffering from osteoarthritis, rheumatoid arthritis, and chronic

joint pain. His management approach includes both surgical and non-surgical options, depending on the patient's age, diagnosis, severity of disease, lifestyle, and functional goals. By combining advanced diagnostic evaluation, evidence-based treatment planning, modern surgical methods, and personalised rehabilitation, he supports patients through the complete treatment journey from diagnosis to recovery. Beyond clinical practice, Dr. Chakravarty has contributed to orthopaedic research and academics, with work presented and published across reputed national and international forums in the UK, Europe, and India. His academic interests include joint replacement advancements, trauma outcomes, osteonecrosis, fracture management, and sports injuries.

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.