

DR. DEBASIS CHAKRAVARTY

Senior Consultant - Orthopaedics

Qualification

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

Overview

Dr. Debasis Chakravarty, MBBS, M.S. (Orth), MRCS (Edin), FRCS (Tr & Orth), stands as a beacon of excellence in the field of orthopaedics and joint replacement surgery in India. With over three decades of experience, Dr. Chakravarty has carved out a distinguished career specializing in joint replacement surgeries, covering the hip, knee, elbow, and shoulder joints. His expertise extends to complex revision surgeries for failed hip and knee replacements, making him a sought-after surgeon for cases that demand advanced surgical intervention. As the top Orthopaedic Doctor in Broadway, his comprehensive approach to treating fractures and dislocations across the human skeleton further highlights his versatility and commitment to orthopaedic care. Dr. Chakravarty's academic journey began at the prestigious Medical College and Hospitals under the University of Calcutta, where he earned his MBBS in 1992. His passion for orthopaedics led him to pursue a Master of Surgery (MS) in Trauma & Orthopaedics from the same university, which he completed in 1996. Demonstrating a commitment to excellence, he achieved the Member of the Royal College of Surgeons (MRCS) of Edinburgh in 2001, a testament to his advanced surgical competence. His quest for continuous learning and expertise culminated in obtaining the Fellowship of the Royal College of Surgeons (FRCS) in Trauma and Orthopaedics from the UK in 2009, after rigorous training at Peterborough & Stamford NHS Hospital. Dr. Chakravarty's dedication to continuous professional development is evident through his prestigious fellowships, which have significantly enriched his clinical acumen. He served as an Arthroplasty Fellow at the renowned Endoklinik in Hamburg under the guidance of Prof. Dr. Thorsten Gehrke, focusing on complex revision arthroplasty and prosthetic joint infections. His fellowship at the BG Unfallklinik in Ludwigshafen, Germany, with Prof. Dr. Andreas Wentzensen, provided him with invaluable exposure to managing poly-traumatized patients, enhancing his proficiency in trauma care. These international experiences have equipped him with advanced skills in handling severe deformities, bone loss, and complex trauma cases, solidifying his reputation as a leader in his field. Dr. Chakravarty's areas of expertise are broad and encompass both primary and revision joint replacement surgeries. He is adept at performing patellofemoral joint and unicompartmental knee replacements, tailored to individual patient needs. His special interest lies in hip preservation techniques, particularly for young patients with hip pathologies such as arthritis and avascular necrosis (AVN), utilizing uncemented hip replacements and ceramic bearings when necessary. Moreover, he is pioneering in the application of regenerative therapies, including Bone Marrow Concentrate (BMC) and Platelet-Rich Plasma (PRP) therapies, as well as stem-cell injections for sports injuries and early arthritis. Dr. Chakravarty's holistic approach ensures that patients receive personalized, cutting-edge care, affirming his status as a leading orthopaedic surgeon dedicated to improving patient outcomes.

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.