

DR. SUMANTA CHATTERJEE

Consultant - Cardiologist

Qualification

MBBS | MD Medicine | DM Cardiology | FESC | FSCAI

Overview

Dr. Sumanta Chatterjee is an esteemed consultant cardiologist in the Department of Cardiology at Manipal Hospitals, Dhakuria, Kolkata. He pursued his medical education at Medical College, Kolkata, where he earned Gold Medals for his exceptional performance during both his Bachelor of Medicine and Bachelor of Surgery (MBBS) and Doctor of Medicine (MD) in Medicine studies, and notably topped the institution in the Doctorate of Medicine (DM) in Cardiology. He further enriched his expertise by earning a fellowship from the Society for Coronary Angiography and Intervention (FSCAI), and being an associate fellow of the European Society of Cardiology (AFESC). Proficient in a wide array of procedures, Dr. Chatterjee specialises in Radial Route Angiography and Angioplasty, with a particular focus on Primary Angioplasty. He also demonstrates expertise in advanced techniques such as Fractional Flow Reserve (FFR), Optical Coherence Tomography (OCT), and Intravascular Ultrasound (IVUS) guidance for Angioplasties, addressing complex coronary conditions, including bifurcation lesions, with cutting-edge technology. Moreover, Dr. Chatterjee is skilled in various interventions, including Pacemaker Implantation, Implantable

Cardioverter Defibrillator (ICD), and Cardiac Resynchronisation Therapy (CRT) implantations. His proficiency extends to performing Echocardiography, both Transthoracic Echocardiography (TTE) and Transesophageal Echocardiography (TEE), Balloon Mitral, and Pulmonary Valvuloplasty. He utilises specialised Microcatheters like Coronary Sinus Angiography and Right Heart (CORSAIR) and Total Revascularisation using novel devices and techniques. Dr. Chatterjee is a distinguished member and fellow of several esteemed societies, including the Cardiological Society of India (CSI), the Association of Physicians of India (API), the American College of Cardiology (ACC), the Heart Failure Society of America (HFSA), and the Indian Academy of Clinical Medicine (IACM). His extensive affiliations with many professional organisations, coupled with his extensive publications in many peer-reviewed journals, underscore his commitment to advancing Cardiovascular Medicine. Dr. Chatterjee also shows a keen interest in emerging technologies such as Leadless Pacemaker Implantation, Subcutaneous ICD, Left Atrial Appendage (LAA) Closure, and Transcatheter Aortic Valve Replacement (TAVR) procedures. Additionally, Dr. Chatterjee is proficient in English, Bengali, and Hindi, ensuring seamless communication and fostering strong doctor-patient relationships.

Fellowship & Membership

- Member of the Cardiological Society of India (CSI)
- Member of the Association of Physicians of India (API)
- Fellow of the Society for Coronary Angiography and Intervention (FSCAI)
- Member of the American College of Cardiology (ACC)
- Member of the Heart Failure Society of America (HFSA)
- Member of Society for Cardiovascular Angiography and Interventions (SCAI), USA.
- Member of the Indian Academy of Clinical Medicine (IACM)

- Associate Fellow of the European Society of Cardiology (AFESC)
- Member of the Heart Failure Association (HFA)

Field of Expertise

- Proficient in Radial Route Angiography and Angioplasty, optimising procedural outcomes.
- Specialises in Primary Angioplasty, ensuring swift and effective treatment for acute coronary syndromes.
- Demonstrates expertise in utilising advanced tools such as FFR (Fractional Flow Reserve), OCT (Optical Coherence Tomography), and IVUS (Intravascular Ultrasound) to guide Angioplasties with precision.
- Skilled in managing Complex Coronary procedures, including addressing bifurcation lesions.
- Adept in performing Pacemaker Implantation, ICD (Implantable Cardioverter Defibrillator) Implantation, and CRT (Cardiac Resynchronisation Therapy) Implantation.
- Proficient in electrophysiology (EP) study and Ablation Techniques, offering tailored treatment strategies for arrhythmias and conduction disorders.
- Experienced in Structural Heart Interventions, including LAA (Left Atrial Appendage) Closure and TAVR (Transcatheter Aortic Valve Replacement). Utilises minimally invasive approaches to optimise patient outcomes and expedite postoperative recovery.

Languages Spoken

- English
- Bengali
- Hindi

Awards & Achievements

- Mamraj Aggarwal Foundation Certificate for securing 3rd place in the state in Hthe Higher Secondary Examination. 2003.
- Orfilla Silver Medal in Forensic Medicine for securing highest marks in the subject at 2nd Prof. MBBS.
- Dr. Saroj Bhattacharya Memorial Award for securing the 2nd highest marks in Obs and Gynae in the 3rd MBBS, Part 2.
- Sir Frank Corner Memorial Prize for securing the highest marks in Surgery in 3rd Prof MBBS Part 2, 2008.
- Dr. SA Momen Award for securing highest marks in Surgery in 3rd MBBS Part 2, 2008.
- First Prize in Quiz Competition, RESPICON 2012, West Bengal Chapter.
- Fourth Place in Maitreyee Raychaudhuri Memorial Diabetes Quiz at Insulin Discovery Day Celebrations 2012, by Diabetic Association of India, West Bengal.
- Certificate of Excellence by Governor Dr. Viren J Shah, for securing 3rd place in state, in Higher Secondary Examination.
- 2nd Certificate of Honours in Obstetrics and Gynaecology for the year 2007.
- Duke of Edinburgh’s Gold Medal for securing highest marks in Surgery. 2008.
- Dr. (Brig) Rasamay Ganguly Memorial Gold Medal Award for securing highest marks in Surgery in 3rd Prof MBBS Part 2, 2008.
- Gold Medal in Medicine for Best Post Graduate Student among the MD Medicine Students, for the year 2012.
- Third Place in Quiz Competition. IACMCON, 2011, West Bengal Chapter.
- Second Place in Dr. Bani Ghosh Memorial Quiz Competition 2012.

Talks & Publications

- A Study on Lipid Profiles in Chronic Liver Diseases (Original Study). National Journal of Medical Research. Print ISSN: 2249 4995; eISSN: 2277 8810, Volume 3, Issue 1, Jan-March 2013, Page 70.Article
- Assessment of Vitamin D level in cerebrovascular accident patients in eastern India. National Journal of Medical Research. Print ISSN: 2249 4995; eISSN: 2277 8810.
- Pentoxifylline Plus Prednisolone versus Pentoxifylline Only for Severe Alcoholic Hepatitis: A Randomized Controlled Clinical Trial. Annals of Medical and Health Sciences Research. Sep-Oct 2014; Vol 4, Issue 5.
- Two Cases of Nephrotic Syndrome with Different Etiologies. Annals of Tropical Medicine and Public Health. Manuscript number ATMPH_130_12. Article
- Right atrial metastasis in a case of hepatocellular carcinoma: Clinical Cancer Investigation Journal. Volume 2, Issue 1, January-March 2013. Article
- Case Report of Two Sisters Suffering from Weill-Marchesani Syndrome with Pulmonary Stenosis. Netherlands The Journal of Medicine. Manuscript id: Neth JM-10-0265.
- Book Chapter (116): ACE-I in STEMI. In: STEMI Update Book 2015.BooBook Chapter (116): ACE-I in STEMI. In: STEMI Update Book 2015.Book
- Book Chapter: AMI Management in Diabetics. In: CAD Monograph. Book
- STEMI India Guidelines 2017. [Co-Author] Book
- Book Chapter: ARNI – A Wonder Drug. In: AMRI Update 2017.
- A Curious Case of Allgrove Syndrome: Case Presentation in State Meet of Endocrine Society 2012.
- Device Therapy in Heart Failure: Presentation in IACMCON

2012. Presentation

- A Rare Case of Leg Type Lymphoma: Presented in Junior Doctor’s Presentation in API West Bengal Chapter 2012. Presentation
- Study on Cardiological Dysfunction in NAFLD Patients: Poster Presentation in TYSA 2012.
- Assessment of Obesity: Junior Doctor’s Symposium of 77th Re-Union, 2011, of Medical College, Kolkata.
- An Interesting Case of Sarcoidosis: Presented in Junior Doctor’s Forum at IACMCON West Bengal Chapter 2012. Presentation
- A Case of Sudden Death: Right Atrial Metastasis from Hepatocellular Carcinoma: Presented in Junior Doctor’s Symposium at Gastrocon 2012. Presentation
- A Case of Critical Limb Ischemia: Presented in CSI WB Chapter.