

DR. SOMNATH MUKHOPADHAY

Consultant - Interventional Cardiologist

Qualification

MBBS | MD (General Medicine) | DM (Cardiology)

Overview

Dr. Somnath Mukhopadhay is a highly skilled and accomplished Consultant Interventional Cardiologist with over nine years of experience in the field of cardiology. With an extensive academic background and a career marked by significant contributions to patient care and medical research, Dr. Mukhopadhay has established himself as one of the foremost cardiology experts in Kolkata. He is renowned for his proficiency in performing complex cardiac interventions, and his work has touched the lives of thousands of patients, ensuring better cardiovascular health and well-being. He is a Top Heart Specialist Doctor in Broadway. Dr. Mukhopadhay received his initial medical registration from the West Bengal Medical Council on April 17, 2009, under Registration No. 64713. This registration is valid until December 31, 2026, with the last update made in 2022. His credentials reflect a commitment to maintaining the highest standards of professional practice, ensuring his patients receive care from a fully qualified and licensed physician. Dr. Mukhopadhay’s academic journey demonstrates a deep commitment to the field of medicine and cardiology. His education includes rigorous training and specialization from some of

the most prestigious medical institutions in India: MBBS (2003-2009): NRS Medical College and Hospital, West Bengal University of Health Sciences, where he completed his undergraduate medical studies, gaining foundational knowledge and clinical skills. MD in General Medicine (2012-2015): Calcutta Medical College and Hospital, West Bengal University of Health Sciences, where he honed his expertise in general medicine, preparing him for specialized training in cardiology. DM in Cardiology (2015-2018): Calcutta Medical College and Hospital, West Bengal University of Health Sciences, where he earned his super-specialization in cardiology. This advanced training equipped him with the skills needed to treat complex cardiac conditions and perform high-level interventions. Additionally, Dr. Mukhopadhay has achieved prestigious fellowships that recognize his continued commitment to professional growth: FAPSIC (Fellow of the Asian Pacific Society of Interventional Cardiology) in 2023, highlighting his expertise in interventional cardiology on a global scale. FESC (Fellow of the European Society of Cardiology) in 2024, a testament to his standing in the international cardiology community. These credentials demonstrate Dr. Mukhopadhay’s dedication to keeping abreast of the latest advancements in cardiology, enabling him to offer the best care to his patients. Dr. Mukhopadhay’s professional journey has been marked by significant contributions across various leading medical institutions in Kolkata. His expertise as an Interventional Cardiologist is recognized at several esteemed hospitals, where he provides high-quality care for cardiovascular diseases. Dr. Mukhopadhay’s expertise in interventional cardiology is vast, having performed over 4000 cardiac interventions during his career. His skill set includes a broad array of procedures that require both technical proficiency and a deep understanding of cardiovascular pathophysiology. Some of the key interventions he specializes in include: Coronary Angiograms: Over 2000 were performed, enabling precise diagnosis of coronary artery blockages and narrowing. Coronary Angioplasties (PTCA): Dr. Mukhopadhay has performed nearly 700 coronary angioplasties,

including both routine and complex cases, to restore blood flow in blocked coronary arteries. Permanent Pacemaker Implantations: With more than 500 pacemaker implantations under his belt, he helps restore normal heart rhythms in patients with arrhythmias. Implantable Cardioverter-Defibrillators (ICD) and Cardiac Resynchronization Therapy (CRT): Dr. Mukhopadhay has performed numerous ICD and CRT procedures, both essential for patients at risk of sudden cardiac death or heart failure. Balloon Mitral Valvotomies: Assisted in 50 balloon mitral valvotomies, a life-saving procedure for patients with mitral valve stenosis. Complex Coronary Angioplasties: Dr. Mukhopadhay has performed more than 200 complex coronary angioplasties, helping treat advanced coronary artery diseases. Structural Heart Interventions: His experience extends to PDA (Patent Ductus Arteriosus) closures, ASD (Atrial Septal Defect) closures, and VSD (Ventricular Septal Defect) closures. Echocardiography: Dr. Mukhopadhay routinely performs over 300 echocardiograms per month, including advanced transesophageal echocardiography. His expertise in the use of IVUS (intravascular ultrasound), FFR (fractional flow reserve), and OCT (optical coherence tomography) enhances his ability to perform precise and effective interventional procedures, ensuring optimal patient outcomes. Dr. Mukhopadhay’s commitment to excellence has been recognized in multiple ways: ODYSSEY (EAST) Study: He participated as a Sub-Investigator in the ODYSSEY (EAST) study, sponsored by Sanofi Synthelabo (India), focusing on PCSK9 inhibitors in cardiovascular disease management. First Place in DM Cardiology (2018): Dr. Mukhopadhay earned first place in his DM Cardiology examination at Medical College Kolkata in 2018. Honours in Biochemistry: During his MBBS, he achieved honours in Biochemistry and served as a class assistant in ENT, demonstrating his early commitment to academic excellence. Dr. Mukhopadhay has contributed to advancing medical knowledge through his research. His work on cardiovascular disease risk factors was published in the Egypt Heart Journal in 2021, titled “Cardiovascular disease risk factors among

undergraduate medical students in a tertiary care centre of eastern India: a pilot study.” This publication reflects his dedication to furthering the understanding of cardiovascular disease risk and prevention, particularly in young individuals. Dr. Somnath Mukhopadhay is a distinguished Interventional Cardiologist whose academic credentials, professional experience, and clinical expertise make him a leading expert in the field of cardiology. His exceptional work in performing complex cardiac interventions and his contributions to medical research have had a significant impact on the healthcare community. Whether performing life-saving procedures or offering compassionate consultations, Dr. Mukhopadhay continues to make a meaningful difference in the lives of his patients. His deep commitment to advancing his skills, as evidenced by his fellowships and ongoing education, ensures that Dr. Mukhopadhay remains at the forefront of cardiovascular care. For anyone seeking expert care in cardiology, Dr. Mukhopadhay’s unparalleled skills and compassionate approach make him a trusted and highly recommended choice."

Languages Spoken

- English
- Bengali
- Hindi

Awards & Achievements

- Dr. Mukhopadhay’s excellence has been acknowledged through various awards and recognitions
- Participated as a Sub-Investigator in the ODYSSEY (EAST) study sponsored by Sanofi Synthelabo (India) PCSK9.
- Achieved first place in DM Cardiology at Medical College Kolkata in 2018.

- Honours in Biochemistry and served as a class assistant in ENT during his MBBS.

Talks & Publications

- Dr. Mukhopadhay has contributed to medical literature with his research on cardiovascular disease risk factors among undergraduate medical students, published in the Egypt Heart Journal in 2021. The study, titled “Cardiovascular disease risk factors among undergraduate medical students in a tertiary care centre of eastern India: a pilot study,” highlights his commitment to advancing knowledge in cardiology. The publication is accessible at [this link](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8547573/).