

DR. HRISHIKESH VEMULA

Consultant - Interventional Cardiology

Qualification

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

Overview

Dr. Hrishikesh Vemula is a dedicated interventional cardiologist in Electronics City, Bengaluru, bringing over 8 years of comprehensive clinical experience in internal medicine, advanced coronary interventions, and cardiovascular intensive care. Dr. Hrishikesh Vemula is currently practising as a Consultant – Interventional Cardiology at Manipal Hospital Electronics City, Bengaluru, where he provides evidence-based, precision-guided diagnostic and therapeutic cardiac care. Known for his technical proficiency in intracoronary imaging and complex angioplasties, Dr. Hrishikesh is widely regarded as one of the best interventional cardiologists in Electronics City, Bangalore. Dr. Hrishikesh Vemula completed his undergraduate medical education (MBBS) from S.S. Institute of Medical Sciences & Research Centre, Davangere. He went on to earn his Doctor of Medicine (MD) in General Medicine from A.J. Institute of Medical Sciences, Mangaluru. Pursuing his core dedication to cardiovascular medicine, he completed his super-speciality training, earning the Diplomate of National Board (DNB) in Cardiology from Apollo Hospitals, Bannerghatta Road, Bengaluru. He holds active medical registrations with the Karnataka Medical Council

and the Telangana Medical Council. At Manipal Hospital Electronics City, Dr. Hrishikesh independently performs emergency and elective interventional cardiac procedures through both transradial and transfemoral access routes. As a top cardiologist and heart specialist in Bangalore, his procedural expertise covers primary percutaneous coronary intervention (primary PCI for STEMI), complex coronary interventions for left main disease, bifurcation lesions, chronic total occlusions (CTO), calcified lesions, and multivessel disease. He routinely integrates advanced coronary physiology and intravascular imaging tools, including Intravascular Ultrasound (IVUS), Optical Coherence Tomography (OCT), Fractional Flow Reserve (FFR), and Instantaneous Wave-Free Ratio (iFR), to ensure precision lesion assessment and optimal stent deployment. His intensive care cardiology capabilities include intra-aortic balloon pump (IABP) insertion and management, temporary pacemaker implantation (TPI), right and left heart catheterisation, and the hemodynamic stabilisation of acute coronary syndromes, cardiogenic shock, acute decompensated heart failure, and complex cardiac arrhythmias. In non-invasive cardiology, Dr. Hrishikesh is skilled in transthoracic echocardiography (TTE), transesophageal echocardiography (TEE), dobutamine stress echocardiography, treadmill testing (TMT), Holter ambulatory monitoring, and head-up tilt table testing (HUTT). An active academician, he regularly serves as an invited speaker and session moderator at state and national cardiology conferences and CMEs. His research contributions include published clinical studies in peer-reviewed journals on serum homocysteine correlations in young acute myocardial infarction patients (Global Journal for Research Analysis) and the bacteriological profiling of MRSA bacteremia (International Journal of Scientific Research). He holds Life Memberships in the Cardiological Society of India (CSI) and the Echocardiography Society of India (Karnataka Chapter). Dr. Hrishikesh combines meticulous procedural skill with clear, compassionate patient communication, ensuring individualised treatment plans, transparent clinical

counselling, and dedicated long-term cardiovascular preventive care.

Fellowship & Membership

- Life Member – Cardiological Society of India (CSI)
- Life Member – Echocardiography Society of India (Karnataka Chapter)

Field of Expertise

- Interventional cardiology
- Primary PCI for STEMI
- Complex coronary interventions: left main disease, bifurcation lesions, CTO, calcified lesions and multivessel disease.
- Transradial and transfemoral coronary procedures.
- Intracoronary imaging: IVUS and OCT.
- Coronary physiology: FFR and iFR.
- IABP insertion and management.
- Temporary pacemaker implantation (TPI).
- Right and left heart catheterisation.
- Acute coronary syndromes, cardiogenic shock, acute decompensated heart failure and cardiac arrhythmias.
- Non-invasive cardiology: TTE, TEE, dobutamine stress echocardiography, TMT, Holter monitoring and HUTT.

Languages Spoken

- English
- Kannada
- Telugu
- Hindi

Talks & Publications

- Invited speaker and session moderator at state and national cardiology conferences and CMEs. Published clinical studies on serum homocysteine correlations in young patients with acute myocardial infarction (Global Journal for Research Analysis) and bacteriological profiling of MRSA bacteremia (International Journal of Scientific Research).