

DR. MADHUSUDAN PRAMOD RAIKAR

Consultant - Interventional Cardiology

Qualification

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

Overview

Dr. Madhusudan Pramod Raikar is a senior interventional cardiologist in Hebbal, also one of the best cardiologist in Hebbal, Bangalore with advanced expertise in complex coronary and structural heart interventions. He is currently practising as a Consultant – Interventional Cardiology at Manipal Hospital Hebbal, Bangalore, bringing over 16 years of overall clinical experience, including 8 years of post-DM expertise in managing a wide spectrum of cardiovascular conditions, with a strong focus on minimally invasive and catheter-based treatments. Dr. Raikar completed his MBBS followed by MD in General Medicine from Kasturba Medical College, Mangalore, and subsequently pursued DM in Cardiology from Government Medical College, Kozhikode. He further strengthened his credentials with DNB in Cardiology and specialised certifications, including FSCAI, along with advanced training in echocardiography, coronary imaging, and intravascular techniques. His clinical expertise centres on interventional cardiology, particularly complex coronary artery disease requiring advanced procedural strategies. Over the years, he has performed more than 5000 coronary angiograms and over 2000

percutaneous coronary interventions (PCI) as a primary operator. These include complex angioplasties using advanced techniques such as rotational atherectomy, orbital atherectomy, and intravascular lithotripsy. His proficiency in coronary imaging modalities like IVUS and OCT allows for detailed lesion assessment and optimised procedural outcomes. This depth of expertise contributes to his recognition as one of the best cardiologists in Hebbal for advanced coronary interventions. In addition to coronary procedures, Dr. Raikar has extensive experience in structural heart interventions. His work includes transcatheter aortic valve replacement (TAVR), alcohol septal ablation, balloon mitral valvuloplasty, and device closures for congenital heart defects such as ASD and PDA. He has also performed interventions in paediatric cardiology settings, including balloon valvotomy procedures in neonates and children. His expertise further extends to cardiac rhythm management and device implantation. He has experience in implanting conventional pacemakers, leadless pacemakers, and cardiac resynchronisation therapy devices (CRT-D), along with exposure to electrophysiological studies and ablation procedures. In addition, he performs peripheral vascular interventions, including renal angiography and angioplasty, addressing vascular conditions beyond the heart. This broad procedural capability strengthens his standing as one of the best cardiologists in Hebbal for patients requiring complex, multi-dimensional cardiac care. Beyond interventional procedures, Dr. Raikar maintains strong proficiency in non-invasive cardiology. He performs and interprets advanced echocardiographic studies, including 2D, 3D, strain imaging, and transoesophageal echocardiography (TEE), along with stress testing and ambulatory cardiac monitoring. This integration of diagnostic and interventional cardiology allows for continuity of care from initial evaluation to definitive treatment. Dr. Raikar has contributed to academic research and has presented papers and case studies at national forums such as APICON, CSI, and India Live. He has also received academic recognition, including awards at cardiology conferences and selection of his thesis among the top

national submissions. He communicates fluently in English, Kannada, Hindi, Marathi, Telugu, Malayalam, and Konkani, enabling effective interaction with patients from diverse backgrounds. At Manipal Hospital Hebbal, Dr. Raikar continues to deliver comprehensive cardiac care, combining advanced interventional skills with structured clinical decision-making to improve cardiovascular outcomes.

Fellowship & Membership

- FSCAI - Fellow in Society of Cardiovascular Angiography and Interventions
- TEE Certificate Course
- Advanced ECHO Training - Including 3D ECHO, Strain Imaging
- IVUS Training Certificate Course

Field of Expertise

- Performed more than 5000 coronary angiograms (through radial/femoral route), Assisted more than 1500 PCI procedures, Performed more than 2000 PCI procedures as primary operator (through radial/femoral route), Assisted more than 50 pacemaker implantation (DDD / VVI) and performed 30 pacemakers and PG change independently
- Performed BB pacing in a few cases. Implanted 2 leadless PPI (micra). Have performed CRT-D implantation., Performed peripheral and renal angiograms and assisted in peripheral and renal angioplasties., Trained in congenital heart defects procedures including device closure of ASD and PDA., Have performed BPV for severe PS., Have performed BAV for newborn severe AS., Trained in balloon mitral valvuloplasty (BMV)., Well versed in coronary imaging techniques like OCT and IVUS., Routinely using calcium debulking devices like

Rotablation, Orbital atherectomy and IVL., Performed structural interventions like TAVR and alcohol septal ablation., Had exposure to EP study and RF ablations of arrhythmias.

- Non-Invasive Cardiology: 2D Echocardiography (paediatric / adult), 3D Echocardiography, TEE, Strain Echocardiography, Dobutamine Stress Testing, Head Up Tilt Table Testing, Holter Monitoring and ILRs.
- Comprehensive care for movement disorders including dystonia, tremors, ataxia, myoclonus, and chorea.
- Botulinum toxin therapy for the management of dystonia, spasticity, and focal conditions such as blepharospasm, hemifacial spasm, orofacial, cervical, and limb dystonia.
- Management of various neurological conditions such as Headache, Stroke, Epilepsy, Neuromuscular and demyelinating disorders.

Languages Spoken

- English
- Kannada
- Hindi
- Marathi
- Telugu
- Malayalam
- Konkani
- Tulu

Awards & Achievements

- 1st place - Manipal cardiology update 2013
- 3rd place - CSI-kerala chapter 2017
- 3rd place - IAE- Kerala chapter 2018

- Selected among top 50 thesis at A V Gandhi Award, New Delhi 2019

Talks & Publications

- Percutaneous Coronary Interventions in Chronic Total Occlusion - Profile, Technique and Outcome - The Malabar Experience
- Pleural Effusion: an unusual cause and association.
- poster presented at APICON 2013.
- posters presented at KAPICON 2013.
- paper presented at ICCK 2016.
- Interesting cases presented at India Live 2017.
- Interesting case presented at IAE- Kerala chapter 2017.
- paper presented at CSI-kerala chapter 2017 (winter session).
- paper presented at CSI-kerala chapter 2018 (summer session)Management of Acute MR - Presented at CSI bangalore chapter.
- Excimer Laser in Complex PCI - Presented at CSI bangalore chapter