

DR. ARUL DOMINIC FURTADO

Consultant - Cardiovascular & Thoracic Surgery

Qualification

MBBS | MS | DNB | MCh (CTVS) | DNB | FRCS-CTh | MEBCTS

Overview

Dr. Arul Dominic Furtado is a cardiovascular and thoracic Surgeon in Bangalore, currently practising at Manipal Hospital Jayanagar as a Consultant - Cardiovascular and Thoracic Surgery (CTVS). Dr. Furtado brings over 2 decades of extensive clinical and surgical experience in adult cardiac surgery, thoracic interventions, minimally invasive procedures, and robotic surgeries. Recognised for his technical acumen and commitment to evidence-based care, he provides comprehensive surgical treatment for complex cardiovascular issues for patients across all ages. Dr. Furtado earned his MBBS and MS in General Surgery from Kasturba Medical College (KMC), Mangalore, before completing his super-speciality MCh in Cardiovascular and Thoracic Surgery at the Sree Chitra Tirunal Institute for Medical Sciences and Technology, Trivandrum. Demonstrating a strong commitment to rigorous clinical standards, Dr. Furtado also holds DNB credentials in both General Surgery and Cardiothoracic Surgery. His academic and professional standards are further reinforced by international board certifications, including the Fellowship of the Royal College of Surgeons of England (FRCS Eng - CTh) and Membership in the European Board of

Cardiothoracic Surgery (MEBCTS). Building on his foundational training, Dr. Furtado expanded his expertise through advanced international fellowships at global institutions, completing training in Adult Cardiac Surgery at Brigham and Women's Hospital, Boston (a Harvard Medical School affiliate), followed by specialised Fellowships in Adult Cardiac and Minimally Invasive Cardiothoracic Surgery at Emory University in Atlanta. This global exposure equipped him with high-volume proficiency in high-risk adult operations, off-pump revascularisation, minimally invasive valve repair, robotic procedures, and transcatheter therapies. In his current practice at Manipal Hospital Jayanagar, Dr. Furtado manages a wide range of critical heart and thoracic conditions. His operative focus includes off-pump and multi-arterial Coronary Artery Bypass Grafting (CABG), minimally invasive cardiac surgery (MICS CABG), complex valve repairs, and hybrid or Thoracic Endovascular Aortic Repair (TEVAR) alongside TAVR/TAVI procedures. Additionally, his clinical scope covers advanced therapies like Left Ventricular Assist Devices (LVADs), heart transplantation, extracorporeal life support, as well as Video-Assisted Thoracoscopic Surgery (VATS) and robotic thoracic operations. Beyond his direct clinical work, Dr. Furtado is an active researcher whose work is published in prestigious scientific journals such as the European Journal of Cardio-Thoracic Surgery and the Indian Journal of Thoracic and Cardiovascular Surgery, focusing on aortic aneurysms and intricate techniques. Fluent in English, Hindi, Kannada, Malayalam, Konkani, and Tulu, he complements his surgical skill with clear communication and a patient-centric approach, ensuring transparent patient counselling, detailed evaluation, and dedicated post-operative care.

Fellowship & Membership

- Fellowship in Adult Cardiac Surgery - Brigham and Women’s Hospital, Boston (Harvard Medical School affiliate)
- Fellowship in Adult Cardiac Surgery and Minimally Invasive

Cardiothoracic Surgery - Emory University, Atlanta, USA
- FRCS (Eng)-CTh
- MEBCTS – European Board of Cardiothoracic Surgery

Field of Expertise

- Adult Cardiac Surgery
- Coronary Bypass Surgery - Off-pump and Multi-arterial CABG
- Minimally Invasive Valve Surgery and MICS CABG
- Valve Repair and Replacement
- Aortic Surgery - Conventional, Hybrid and TEVAR
- Robotic Cardiac Surgery
- Transcatheter Aortic Valve Replacement - TAVR/TAVI
- Heart Transplantation, Extracorporeal Life Support and LVADs
- Thoracic Surgery - VATS and Robotic Thoracic Surgery

Languages Spoken

- English
- Hindi
- Kannada
- Malayalam
- Konkani
- Tulu

Talks & Publications

- Calcified unruptured sinus of valsalva aneurysm in a child – Pediatr Cardiol. 2011.
- Persistent Left Fifth Aortic Arch with Pentalogy of Fallot – Thorac Cardiovasc Surg. 2012.

- Infected pseudoaneurysm involving a drug-eluting stent – Interact Cardiovasc Thorac Surg. 2011.
- Paradoxical embolus across atrial septal defect and posterior circulation infarct in neurosurgical patients – Int J Neurosci. 2010.
- The regurgitant mitral valve: A case of mistaken identity – Indian J Thorac Cardiovasc Surg.
- Pulmonary artery bypass for in-stent stenosis following angioplasty for isolated pulmonary Takayasu Arteritis – J Card Surg. 2012.
- Aorto-left ventricular tunnel: uncommon site of origin and management – Asian Cardiovasc Thorac Ann. 2012.
- A technique for repair of atrio-ventricular canal defect in Dextrocardia – Eur J Cardiothorac Surg. 2012.
- Right ventricular outflow tract aneurysm with thrombus – Interact Cardiovasc Thorac Surg. 2012.
- Transesophageal echocardiography in surgical management of pseudoaneurysm of mitral-aortic intervalvular fibrosa with aneurysms of right sinus of Valsalva and left main coronary artery – Ann Card Anaesth. 2013.
- Extraction of Right-Sided Vegetation with Use of an Aspiration Catheter System – Innovations (Phila). 2015.
- Minimally invasive aortic valve replacement: is the effort justified? – Indian J Thorac Cardiovasc Surg. 2018.