

DR. ARUL DOMINIC FURTADO

Consultant - Cardiovascular & Thoracic Surgery

Qualification

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

Overview

Dr. Arul Dominic Furtado is an experienced cardiothoracic surgeon in Electronics City, Bengaluru. He brings more than 2 decades of extensive clinical and surgical experience across adult cardiac surgery, thoracic interventions, minimally invasive procedures, and robotic surgeries. Dr. Arul Dominic Furtado is currently practising as a Consultant – CTVS at Manipal Hospital Electronics City, Bengaluru, where he delivers comprehensive, evidence-based surgical care for complex heart, aortic, and thoracic conditions. Recognised for his international surgical training and technical acumen, Dr. Furtado is regarded as one of the best CTVS surgeons in Electronics City, Bangalore. Dr. Arul Dominic Furtado completed his undergraduate medical education (MBBS) and MS in General Surgery from Kasturba Medical College (KMC), Mangalore. He attained his super-speciality qualification by earning an MCh in Cardiovascular and Thoracic Surgery from the Sree Chitra Tirunal Institute for Medical Sciences and Technology, Trivandrum. Demonstrating a rigorous commitment to academic and surgical standards, he also earned Diplomate of National Board (DNB) qualifications in both General Surgery and Cardiothoracic

Surgery. In 2018, he achieved international board certification by clearing the Fellowship of the Royal College of Surgeons of England (FRCS Eng - CTh) and receiving certification from the European Board of Cardiothoracic Surgery (MEBCTS). Expanding his surgical proficiencies at premier global centres, Dr. Furtado completed a Fellowship in Adult Cardiac Surgery at Brigham and Women's Hospital, Boston (a Harvard Medical School affiliate). He subsequently completed further fellowship training in Adult Cardiac Surgery and Minimally Invasive Cardiothoracic Surgery at Emory University in Atlanta, USA. Through this specialised international exposure, he gained high-volume expertise in high-risk adult cardiac operations, off-pump coronary revascularisation, minimally invasive valve repair, robotic cardiac procedures, and transcatheter therapies. At Manipal Hospital Electronics City, Dr. Arul Dominic Furtado manages a wide spectrum of complex cardiac and thoracic pathologies. As a top cardiothoracic surgeon in Electronics City, Bengaluru, his operative repertoire includes off-pump and multi-arterial Coronary Artery Bypass Grafting (CABG), minimally invasive cardiac surgery (MICS CABG), and complex valve repair and replacement. His advanced clinical practice covers conventional, hybrid, and Thoracic Endovascular Aortic Repair (TEVAR) for aortic conditions, Transcatheter Aortic Valve Replacement (TAVR/TAVI), robotic cardiac surgery, heart transplantation, Left Ventricular Assist Devices (LVADs), and extracorporeal life support systems. His thoracic surgical expertise encompasses Video-Assisted Thoracoscopic Surgery (VATS) and robotic thoracic procedures. Dr. Arul Dominic Furtado has contributed extensively to peer-reviewed scientific literature, authoring publications in prominent journals such as Paediatric Cardiology, The Thoracic and Cardiovascular Surgeon, Interactive CardioVascular and Thoracic Surgery, European Journal of Cardio-Thoracic Surgery, and the Indian Journal of Thoracic and Cardiovascular Surgery. His research focuses on congenital cardiac anomalies, aortic aneurysms, minimally invasive aortic valve replacement, and intricate surgical techniques. Fluent in English, Hindi,

Kannada, Malayalam, Konkani, and Tulu, Dr. Arul Dominic Furtado combines surgical precision with a communicative, patient-centric approach, ensuring thorough preoperative evaluation, transparent counselling, and dedicated postoperative recovery.

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.