

DR. SRIKANTH KASTURI

Consultant - CTVS, Heart and Lung Transplantation

Qualification

MBBS | DrNB (Cardiovascular and Thoracic Surgery) | Fellowship in Advanced Cardiovascular Surgery (Mayo Clinic, Rochester, USA) | Fellowship in Heart/Lung Transplantation and Mechanical Circulatory Support Surgery (Mayo Clinic, Rochester, USA)

Overview

Dr. Srikanth Kasturi is a highly trained cardiothoracic surgeon with advanced expertise in cardiovascular and thoracic surgery, heart and lung transplantation, and mechanical circulatory support. He has undergone extensive specialised training at Mayo Clinic, Rochester, USA, including fellowships in Advanced Cardiovascular Surgery and Heart/Lung Transplantation and Mechanical Circulatory Support Surgery. His clinical expertise encompasses complex adult and congenital cardiac surgery, advanced aortic surgery, valve procedures, redo cardiac surgery, minimally invasive cardiac surgery, thoracic surgery, transplantation, ECMO, and mechanical circulatory support. Dr. Srikanth completed his MBBS from P.S.G. Institute of Medical Sciences and Research, Coimbatore, followed by a six-year DrNB in Cardiovascular and Thoracic Surgery from Narayana Health, Bengaluru. He secured the Dr. C.S. Sadasivan Gold Medal for All India Rank 1 in the final DrNB board examinations. He subsequently completed an Advanced Cardiovascular Surgery Fellowship at Mayo Clinic, Rochester,

followed by specialized fellowship training in Cardiothoracic Transplantation and Mechanical Circulatory Support Surgery at the same institution. His training included complex re-operative cardiac surgery, multivalve re-interventions, redo sternotomies, aortic root and arch reconstruction, hybrid procedures, structural heart interventions, TAVI, TEER, heart and lung transplantation, organ procurement, mechanical circulatory support, and advanced ECMO management. During his cardiothoracic surgery residency at Narayana Health, Bengaluru, Dr. Srikanth participated in more than 1,700 cardiovascular and thoracic operations, gaining comprehensive experience across adult and congenital cardiac surgery, thoracic surgery, VATS, robotic procedures, and intensive care. His subsequent experience at SIMS Hospitals, Chennai, involved complex aortic surgery and perioperative management of high-acuity cardiac patients. At Mayo Clinic, his advanced transplant training included DBD and DCD heart and lung transplantation, normothermic regional perfusion, the Organ Care System for the heart, ex-vivo lung perfusion, paediatric heart transplantation, LVADs, VADs, surgical ECMO cannulation, and complex ECMO systems. He has also been involved in heart and lung transplant selection committees and transplant quality and outcomes initiatives. Dr. Srikanth has made significant contributions to cardiothoracic research and academic medicine, with 18 publications covering areas such as aortic surgery, congenital heart surgery, extracorporeal circulation, transplantation, ECMO, structural heart interventions, and thoracic surgery. His research has been presented at international platforms including the STS Annual Meeting and the Cutting Edge of Transplantation Meeting, as well as national conferences including IACTSCON and RICS. His academic achievements include the Dr. C.S. Sadasivan Gold Medal, National Cardiothoracic Surgery Residents' Quiz first-place award, NBEMS Certificate of Commendation, Best Paper Award, and multiple scholarships from the Thoracic Surgery Foundation. He is a member of IACTS, STS, ISHLT, and AST, reflecting his continued engagement with national and international

cardiothoracic and transplant surgery communities.

Fellowship & Membership

- Indian Association of Cardiovascular-Thoracic Surgeons (IACTS)
- Society of Thoracic Surgeons (STS); International Society for Heart & Lung Transplantation (ISHLT)
- American Society of Transplantation (AST)

Field of Expertise

- Cardiothoracic Surgery
- Adult Cardiac Surgery
- Congenital Cardiac Surgery
- Heart Transplantation
- Lung Transplantation
- Heart & Lung Transplantation
- Mechanical Circulatory Support
- ECMO
- LVAD
- Complex Aortic Surgery
- Aortic Root and Arch Surgery
- Valve Surgery
- Redo Cardiac Surgery
- Multivalve Re-interventions
- Minimally Invasive Cardiac Surgery
- Robotic Cardiac Surgery
- Structural Heart Surgery
- TAVI
- TEER
- Thoracic Surgery
- VATS

- Paediatric Heart Transplantation

Languages Spoken

- Tamil
- English
- Kannada
- Hindi

Awards & Achievements

- Dr. C.S. Sadasivan Gold Medal – All India Rank 1 in DrNB Cardiovascular & Thoracic Surgery
- 1st Place – National Cardiothoracic Surgery Residents' Quiz, IACTSCON 2022
- Dr. Shanthi Panicker Gold Medal in Obstetrics & Gynaecology
- Prof. V. R. Ravikumar Gold Medal in Paediatric Surgery
- Dr. Jayakumar Memorial Gold Medal in Orthopaedics
- Prof. Dr. M. Balaraman Nair Gold Medal in Pathology
- TN MGR Medical University Gold Medal in Forensic Medicine
- NBEMS Certificate of Commendation for Dr NB thesis
- Best Paper Award in Heparin-Induced Thrombocytopenia
- TSF Saha Scholarships for STS Annual Meetings

Talks & Publications

- 18 peer-reviewed publications
- Book chapter: Ventricular Assist Devices in Critical Care Update 2021 (ISCCM)
- Research presentations at STS Annual Meeting
- Cutting Edge of Transplantation Meeting

- IACTSCON, RICS and other national/international conferences
- Academic presentations at Mayo Clinic and Narayana Health