



DR. NIKET ARORA

Senior Consultant - Cardiovascular & Thoracic Surgery

Qualification

MBBS (2010) | DNB (2015)

Overview

Dr. Niket Arora is a Senior Consultant in the Department of Cardiovascular & Thoracic Surgery at Manipal Hospitals, E.M Bypass, Kolkata, with an extensive and specialised background in cardiac and thoracic procedures. Holding an MBBS degree (2010) and a DNB in Cardiovascular & Thoracic Surgery (2015), Dr. Arora has completed rigorous training that spans five years of intensive clinical practice. His training includes rotations in General Surgery, Cardiology, Thoracic Surgery, Adult and Pediatric Cardiac Surgery, and an additional year dedicated to subspeciality training in Cardiac Surgery. Dr. Arora has honed his expertise in a wide range of complex and life-saving procedures, including Coronary Artery Bypass Grafting (CABG) both on-pump and off-pump, Valve Repairs and Replacements (Aortic, Mitral, Double Valve), Aortic surgeries, Post Myocardial Infarction VSD closure, LV Aneurysm Repair, and Minimally Invasive Cardiac Surgeries (MICS). His expertise extends to the entire spectrum of congenital cardiac surgeries, both simple and complex, as well as heart transplants. Dr. Arora has also gained significant experience in emergency interventions such as Emergency Resternotomy and Re-exploration,

establishing Intra-Aortic Balloon Pump (IABP) support, and pericardial drainage via sub-xiphoid or thoracotomy approaches. Additionally, he is skilled in procedures like Diaphragmatic Eventration/Hernia repair, Lateral Thoracotomy, VATS for Lung and Pleural biopsies, VATS Bullectomy, Tracheostomies, and Tube Thoracostomy. His participation in the Heart Transplant team, covering both donor and recipient surgeries, further attests to his proficiency in complex, high-risk procedures. He also plays a vital role in training nursing staff, physician assistants, and junior residents, contributing to the continuous development of healthcare professionals.

Fellowship & Membership

- Member of European Association of Cardiothoracic Surgeons (Membership no. 287190)
- Member of the Indian Association of Cardiothoracic Surgeons (Membership no. 20135015)

Field of Expertise

- Off-pump Coronary Artery Bypass Surgery (OPCAB)
- Fast tracking
- Valve (Aortic, Mitral, Double Valve) Surgery
- Minimally Invasive Cardiac Surgery (MICS)
- Redo-surgery
- Heart Transplant; Heart Failure Surgery

Languages Spoken

- English
- Bengali
- Hindi

- Tamizh

Awards & Achievements

- He has won an award paper in 63RD Annual meeting of the Indian Association of Cardiothoracic Surgery, Bangalore, January 2017.
- Certificate of appreciation from the Ministry of Health and the President of Tanzania for the humanitarian mission operative camp in Tanzania, in 2015.
- 1st prize at the Cardiac Surgery Quiz at Second Postgraduate Workshop, Coimbatore, July 2014.
- Guest Speaker in Cardiac Morphology CME at The Madras Medical Mission, Chennai, July 2017.
- Won Award paper on Echocardiographic outcomes of functional tricuspid regurgitation after mitral valve replacement at the 63rd Annual meeting of the Indian Association of Cardiothoracic Surgery, Bangalore, February 2017.

Talks & Publications

- 2024 ATCVSWB Award poster on Minimally invasive novel procedure and paper on Hemostasis in Cardiac Surgery
- Presentation on End Stage Coronary Artery Disease in the Cardiac CME, August 2017 at Seven Hills Hospital, Mumbai.
- Publication in IJTCVS, Moving towards a competency-based training, July 2017. Varun Shetty, Niket Arora.
- Oral Presentation on Improvement in clinical outcomes after treatment of the vascular conduit in coronary artery bypass grafting surgery at the 63rd Annual meeting of the Indian Association of Cardiothoracic Surgery, Bangalore, February 2017.

- Cardiopulmonary Bypass in Tracheal Surgeries - Poster presentation at 23rd Annual Meeting of Asian Society for Cardiovascular and Thoracic Surgery, Hong Kong, May 2015
- Publication in APC, The Pressures of Surgicel in Cardiac Surgery. Association of Pediatric Cardiology. (May 2015) Niket Arora, Roy Varghese, Sreeja Pavithran, Sivakumar Kothandam.
- Tracheostomy under Femorofemoral bypass, Poster presentation at 61ST Annual meeting of Indian Association of Cardiothoracic Surgery, Hyderabad, January 2015
- Lecture on Tracheostomy in Nursing CME, Chennai, October 2014
- Publication in ATS (USA), Arterial Switch Operation for Double-Outlet Left Ventricle, Roy Varghese, Niket Arora, Ejaz Ahmed Sherrif, Anil Singhi, Kothandam Sivakumar, (Ann Thorac Surg 2014,98: e 97-9)
- Publication in IJTCVS, Left Ventricular Pseudoaneurysm following Cardiac Surgery: Two cases managed with two different techniques. Niket Arora, VM Kurian. (Indian J Thorac Cardiovasc Surg DOI 10.1007/s 12055-014-0330-9)
- Oral Presentation on Left Ventricular Pseudoaneurysm following Cardiac Surgery: Two cases managed with two different techniques at 59th Annual meeting of the Indian Association of Cardiothoracic Surgery, Mumbai, February 2013.