

IACTS MIDTERM GB AND CARDIAC CME 2025

FUTURE FORWARD- ADVANCING EXCELLENCE AND INNOVATIONS



9TH & 10TH OF AUGUST 2025

**G.V. RAJA CONVENTION CENTRE, HOTEL SAMUDRA (KTDC),
KOVALAM, THIRUVANANTHAPURAM**

Organised by

**IACTS and
Department of Cardiovascular and Thoracic Surgery,
SCTIMST, Thiruvananthapuram, Kerala**



WELCOME TO MIDTERM CARDIAC CME 2025

Join us at Kovalam, Trivandrum, for an enriching academic experience at the IACTS Midterm Cardiac CME, scheduled for the 9th and 10th of August 2025. The event is organized by the Department of Cardiovascular and Thoracic Surgery at Sree Chitra Tirunal Institute for Medical Sciences and Technology (SCTIMST) under the aegis of the Indian Association of Cardiovascular and Thoracic Surgeons (IACTS). This academic gathering promises a rich blend of clinical insights, surgical advancements, and interactive learning in a serene coastal setting.



**SREE CHITRA TIRUNAL INSTITUTE
FOR MEDICAL SCIENCES
AND TECHNOLOGY,
THIRUVANANTHAPURAM**

MESSAGE



Dear Colleagues,

It is with great pleasure that I welcome you to the Cardiac Continuing Medical Education (CME) program under the auspices of the Indian Association of Cardiovascular-Thoracic Surgeons (IACTS), to be held in August 2025, in the breathtaking coastal town of Kovalam, Trivandrum. This edition of the CME is being hosted by the prestigious Sree Chitra Tirunal Institute for Medical Sciences and Technology (SCTIMST), an Institute of National Importance, renowned for its contributions to cardiac and neurosciences and for being at the forefront of advanced clinical care, resident training and biomedical technology development in India.

The program has been meticulously designed for residents in training and early to mid-career cardiac surgeons, with a strong academic focus on key areas of interest including coronary artery surgery, minimally invasive cardiac surgery (MICS), pulmonary endarterectomy, valve repair, aortic procedures, heart and lung transplantation and pediatric cardiac surgery. We are also excited to include a unique session on biomedical innovation, where experts will present insights into the designing, development, clinical testing, and technology transfer of medical devices and implants. Delegates will have the rare opportunity to visit the Biomedical Technology Wing of SCTIMST, gaining firsthand exposure to India's pioneering work in indigenous medical technology.

Interactive segments such as the resident quiz and a competitive poster session aim to foster academic enthusiasm, peer learning, and the showcasing of novel ideas and research by young minds in the field. Set against the serene backdrop of the Arabian Sea, the venue in Kovalam offers the perfect balance of intense academic engagement and peaceful reflection. We are confident that this CME will be an enriching experience for all participants.

We look forward to your participation and to welcoming you to Trivandrum for two days of learning, innovation, and camaraderie.

Warm regards,
Dr Vivek V Pillai
Organising Secretary
IACTS MIDTERM GB AND CARDIAC CME 2025

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SCIENTIFIC SESSIONS

DAY 1 , 9TH AUGUST 2025

SESSION 1: CABG			
9.00 AM	9.15 AM	EVIDENCE AND PRACTICAL WISDOM Choice of grafts in special situations in CABG	Dr. Z.S. Meharwal
9.15 AM	9.30 AM	THE ENDOSCOPIC WAY EVH and Endoscopic radial artery harvesting- learn from the master	Dr. Simon Phillipose Mr. Rejoyce Fredrick
9.30 AM	9.45 AM	PRECISION STARTS WITH POSITION Positioning and anastomotic techniques in Off pump CABG: Tips for beginners	Dr. Jose Chacko Periappuram
9.45 AM	10.00 AM	STAYING AHEAD OF THE CURVE Troubleshooting intraoperative hypotension during Off pump CABG and early recognition of postoperative complications	Dr. Ritwick Raj Bhuyan
SESSION 2: CABG			
10.00 AM	10.15 AM	THE JOURNEY AND JUSTIFICATION Off pump coronary artery bypass grafting- History, state of the art and the evidence for it	Dr. Jacob Jamesraj
10.15 AM	10.30 AM	BEYOND EJECTION FRACTION Selecting the appropriate patient for CABG in ischemic cardiomyopathy	Dr. Praveen Varma
10.30 AM	10.45 AM	Y THAT WORKS Total arterial CABG with LIMA RIMA Y: Lessons learnt over 25 years	Dr. Satyajit Bose
10.45 AM	11.00 AM	MEASURING SUCCESS IN REAL TIME Intraoperative graft flow assessment- TTFM	Dr. Adil Sadiq
SESSION 3: VALVE			
11.00 AM	11.15 AM	SUTURING THE FUTURE DAVID procedure- How I do it	Dr Alexander Paul Nissen
11.15 AM	11.30 AM	MAKING ROOM FOR THE FUTURE BOYANG root enlargement- The talk of the town	Dr. Renjith S.
11.30 AM	11.45 AM	PUSHING BOUNDARIES Complicated mitral valve repair	Dr. Jayakumar T.K.
11.45 AM	12.00 PM	DON'T LET IT DRIFT Understanding and addressing SAM after MV repair	Dr. Siva Muthukumar
12.00 PM	12.15 PM	TRICUSPID TRUTHS Tricuspid valve- THE SLEEPING GIANT	Dr. Bineesh K. R.
12.15 PM	12.30 PM	INTO THE DEPTHS Pulmonary thromboendarterectomy- How I do it	Dr. Julius Punnen
12.30 PM	12.45 PM	TWO MINDS, ONE MISSION- Surgeon and Anaesthetist Interaction After Valve Replacement	Dr Varghese T. Panicker Dr. Suneel P. R.

SCIENTIFIC SESSIONS

DAY 1, 9TH AUGUST 2025

SESSION 4: CONGENITAL			
1.30 PM	1.45 PM	HEART OF THE MATTER TOF to TGA – understanding the surgical anatomy	Dr. Thomas Mathew
1.45 PM	2.00 PM	BETWEEN ONE AND TWO Complete AV canal defects - surgical decision making in borderline ventricles.	Dr. Suresh Rao
2.00 PM	2.15 PM	CRACKING THE EBSTEIN CODE What to do and when to do in Ebstein anomaly	Dr. Girish Warriar
2.15 PM	2.30 PM	SHUNTING RIGHT Aortopulmonary shunts in children : how I do it	Dr. Anand Kumar Mishra
SESSION 5: CONGENITAL			
2.30 PM	2.45 PM	THE FUTURE IS SMALL MICS in congenital heart disease	Dr. Praveen Reddy B.
2.45 PM	3.00 PM	GROWING VALVES, GROWING CHALLENGES AV valve regurgitation in children- surgical options	Dr. Sabarinath Menon
3.00 PM	3.15 PM	CONNECTING THE DOTS Outcomes of Ozaki procedure in children	Dr. P. Rajashekar
3.15 PM	3.30 PM	FONTAN 2.0- EMERGING STRATERGIES FOR FONTAN FAILURE MRA and interventional management in Fontan failure	Dr. Sowmya Ramanan Dr. Anoop A.
SESSION 6: AORTA			
3.30 PM	3.45 PM	INTO THE TRUE LUMEN Open surgery for chronic dissection	Dr. Takuya Fujikawa
3.45 PM	4.00 PM	CANNULATING WITH CONFIDENCE Cannulation strategies in aortic surgeries	Dr. Kirun Gopal
4.00 PM	4.15 PM	FET TODAY Current role of FET in arch pathologies	Dr. V. V. Bashi
4.15 PM	4.30 PM	THE BEST OF BOTH WORLDS Hybrid TEVAR in arch pathologies	Dr. Shivanesan P.
4.30 PM	4.45 PM	FROM CONCEPT TO CLINIC Development of biomedical devices	Dr. Umashankar P. R.
4.45 PM	5.15 PM	SPONSORED TALK	
5.15 PM	5.45 PM	INAGURATION AND KEYNOTE ADDRESS	
6.00 PM	7.00 PM	GENERAL BODY MEETING	
7.30 PM		GALA DINNER	

SCIENTIFIC SESSIONS

DAY 2 , 10TH AUGUST 2025

SESSION 7: MICS AND ROBOTIC HEART SURGERY			
8.30 AM	8. 45 AM	A SMALLER INCISION, A BIGGER VISION The evolution of MICS over years	Dr. Yugal K. Mishra
8.45 AM	9.00 AM	A TALE OF TWO CITIES Setting up a MICS and Endoscopic cardiac surgery unit- Institutional requirements	Dr.Ramprassath
		Setting up a Robotic cardiac surgery program: Institutional requirements	Dr. Arunkumar Ulaganathan
9.00 AM	9.15 AM	WHERE PRECISION BEGINS BEFORE THE INCISION Patient selection in MIVS	Dr. S. Thiagaraja Murthy
9.15 AM	9.30 AM	MAKING IT MINIMALLY INVASIVE MICS CABG- Tips and tricks for a beginner	Dr. Arul Furtado
9.30 AM	9.45 AM	SMART HEARTS- Robotic cardiac surgery present and future	Dr. Sathyaki Nambala
SESSION 8: ADVANCES AND TRANSPLANT			
10.00 AM	10.15 AM	THE VALVE REVOLUTION Bioprosthetic valve evolution and advances	Dr. Sanjay Theodore
10.15 AM	10.30 AM	INDIA’S HEART STORY LVADs and transplantation- The current Indian scenario	Dr. A. G. K. Gokhale
10.30 AM	10.45 AM	THE ULTIMATE REPAIR, NOW MINIMALLY INVASIVE Robotic heart transplantation	Dr. Feras Khalil
A10.45 AM	11.00 AM	THE ART AND SCIENCE OF HEART– LUNG TRANSPLANT	Dr. Sandeep Attawar
11.00 AM	11.15 AM	Pediatric lung transplantation - WHERE EVERY BREATH COUNTS	Dr. Balasubramoniam K. R.
SESION 9: CONGENITAL			
11.15 AM	11.30 AM	TURNING COMPLEXITY INTO CLARITY Half turned truncal switch – how I do it	Dr. Devagourou V.
11.30 AM	11.45 AM	BEYOND THE VALVE Aortic root pathologies and management in Conotruncal anomalies - when to intervene	Dr. Brijesh P. K.
11.45 AM	12 PM	STREAMLINING RVOT REPAIR Monocusp valves in RVOT – Right atrial valves - how I do it	Dr. Ganapathy Subramaniam
12.00 PM	12.10 PM	Award winning poster presentation	
12.10 PM	12.30 PM	QUIZ	
12.30 PM	12.45PM	VALEDICTORY FUNCTION	
12.45 PM	LUNCH		

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IACTS MEMBER	Rs 5900
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AC-2 Tier Rail Fare Reimbursement

Register to participate in Quiz and E poster competition

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