



Organised By
Dept. Of CVTS
Government Medical Collage,
Kottayam, Kerala

IACTS

TECHNOCOLLEGE 2024

*Evidence, Innovations
and Practical Wisdom*



DATE

19-21
APRIL 2024

VENUE

Backwater Ripples, Kumarakom,
Kottayam Kerala

PHONE : +91 91139 00121, +91 63647 19332

Email: technocollege2024iacts@gmail.com





CHAIRMAN'S MESSAGE



Dear Friends,

Welcome to the IACTS Technocollege CME 2024! This conference is designed to equip aspiring cardiac surgeons with essential skills and knowledge, showcasing the latest scientific breakthroughs and innovative solutions in cardiothoracic surgery. Through comprehensive discussions and a diverse scientific program, participants will analyze best clinical practices and explore critical factors influencing surgical outcomes. The theme, Evidence, Innovations, and Practical Wisdom, emphasizes the intersection of research, innovation, and experience in advancing the field. On behalf of the organizing committee, I extend my wholehearted welcome to all the participants, sponsors and supporters in making this conference a grand success. I wish you all a fruitful and rewarding experience at the IACTS Technocollege CME 2024.

Looking forward to welcoming you all in Kottayam IACTS Technocollege CME, 2024.

Dr P V Ramnarayanan

Chairman – IACTS Organizing Committee

IACTS Technocollege CME, 2024.



Dr Vivek S Pillai
Organizing Co Chairman



Dr Praveen K Varma
Organizing Co Chairman



Dr Jaya Kumar T.K
Organizing Secretary



Dr Nidheesh C.H
Organizing Treasurer

PATRONS



Dr Jayakumar K



Dr P Chandra Mohan



Dr Shiv K Nair



Dr Balachandran Nair



Dr Jose Chacko Periyappuram

Organizing Committee



Dr Shaji Palangadan



Dr Manoj P Nair



Dr T D Ravi Kumar



Dr Smartin Abraham



Dr. Rajesh S



Dr Vinitha V Nair
(Joint Secretary)

PRE CONFERENCE DINNER SYMPOSIUM

APRIL 19, FRIDAY

CHAIRPERSON: Dr Smartin Abraham, Dr Alok Mathur, Dr Satyajit Bose, Dr Siva Muthukumar

5.00-5.15 PM	Minimal Access vs Robotics in cardiac surgery	Dr Yusuf M M
5.15-5.30 PM	TECAB	Dr Sudhir Srivastava
5.30- 5.45 PM	Intra operative graft flow assessment in CABG	Dr Zile Singh Meharwal
5.45-6.00 PM	MICS CABG – current evidence	Dr Rajesh Ramankutty
6.00-6.15 PM	Cath skills for surgeons: Need of the hour	Dr Gunturu Varun
6.15-6.30 PM	FET in Indian Scenario	Dr Md Idhrees
6.30-7.30 PM	TAVR vs SAVR Vs Ozaki	

Panelists : Dr Bijulal S, Dr K U Natarajan, Dr Shiv K Nair, Dr Prasanna Simha

Moderator : Dr Praveen K Varma

7.30 PM onwards Dinner

Day 1 - 20th April , 2024- Saturday

8.00 AM	Registration
9.00-9.05 AM	Welcome Address by Organizing Chairman
9.05-9.10 AM	Address by IACTS President
9.10-9.15 AM	Address by IACTS Secretary
9.15-1.15 PM	CORONARY ARTERY DISEASE

9.15-10.30 AM **SESSION 1 EVIDENCE BASED DECISION MAKING IN CAD**

Panelists : Dr V L Jayaprakash, Dr Satyajit Bose, Dr Shiv K Nair, Dr K U Natarajan

Moderator/ Presentor : Dr Praveen K Varma / Dr Vinitha V Nair

Case scenarios :

1. PCI vs CABG in multivessel CAD
2. PCI vs CABG in Left main CAD
3. Revascularization in STEMI, TVD , high Syntax score
4. TVD with severe LV dysfunction

10.30-10.45 AM **Tea Break**

10.45-12.00 PM **SESSION 2 TROUBLE SHOOTING IN CABG**

Panelists : Dr Anil Tendolkar, Dr Jose Chacko Periyappuram, Dr K Jayakumar, Dr Manoj Durairaj
Moderator : Dr Shaji Palangadan

Case scenarios:

1. Diffuse CAD
2. Intramyocardial LAD
3. RV injury during off pump CABG
4. Poor conduits
5. Suture / needle selection for difficult scenarios

12.00- 1.15 PM **SESSION 3 ISSUES IN DAY TO DAY CABG**

CHAIRPERSONS : Dr Satyajit Bose , Dr Jayakumar K , Dr Varghese T Panicker, Dr E V John

12.00-12.15 PM	Anaortic CABG	Dr Manoj Durairaj
12.15-12.30 PM	Best second arterial conduit	Dr Shiv K Nair
12.30-12.45 PM	How to improve saphenous vein graft patency	Dr Rajesh S
12.45-1.00 PM	On pump beating vs arrested CABG- evidence	Dr Vivek S Pillai
1.00-1.15 PM	How to manage a diseased aorta in CABG	Dr Murali Vettath
1.15-2.00PM	Lunch	

02.00-3.30 PM **SESSION 4 PRACTICAL DEMONSTRATION OF AORTIC**

ROOT WIDENING TECHNIQUES

2.00-2.10 PM	Introduction to small aortic root and root widening techniques	Dr Kirun Gopal
2.10-3.30 PM	Live demonstration in Bovine heart	
MODERATOR -	Dr Aravind P Raman	
	1. Nicks procedure	Dr Md Idhrees
	2. Manoughian procedure	Dr Manoj P
	3. Bo Yang technique	Dr Shaji P
	4. Konno-Rastan	Dr T K Jayakumar
3.30-3.45 PM	Tea Break	

3.45-6.00 PM

VALVULAR HEART DISEASE

3.45-5.00 PM **SESSION 5 DIFFICULT SCENARIOS IN MITRAL VALVE**

CHAIRPERSONS : Dr C S Hiremath, Dr Lokeswara Rao Sajja, Dr Anil Jose, Dr Sunil Agrawal

3.45-4.00 PM	Mitral annular calcification - How to tackle	Dr V Devagourou
4.00-4.15 PM	AV groove disruption after mitral valve surgery	Dr Anbarasu Mohanraj
4.15-4.30 PM	Mitral annular disjunction (MAD)	Dr Praveen Varma
4.30-4.45 PM	Submitral aneurysm - when and how to intervene	Dr Prasanna Simha
4.45-5.00 PM	Intraoperative TEE to aid surgical decision making in mitral valve repair	Dr Manjusha N Pillai

5.00-6.30 PM **SESSION 6 CHOICE OF PROSTHETIC VALVES AND RINGS— WHAT THE EXPERTS VS INDUSTRY CAN OFFER IN GIVEN CLINICAL SCENARIOS**

Panelists: Dr V Devagourou, Dr Manoj Durairaj, Dr Prasanna Simha, Dr C S Hiremath, Panelists from industry

Moderator : Dr Anbarasu Mohanraj

Sutureless valves

Selection of valves

New arrivals

Mitral repair rings - options

Tricuspid repair rings - options

6.30-7.30 PM Quiz

7.30-10.00 PM **Gala Dinner**

Day 2 - 21 st April , 2024- Sunday

8.30-10.00 AM **SESSION 7 PAEDIATRIC CARDIAC SURGERY**

Chairpersons: Dr Prabhatha Rashmi, Dr Musthafa Janeel, Dr Sunil G S, Dr Sajan Koshy

8.30-8.45 AM	Decision making and management in adult ASD	Dr Anil S R
8.45-9.00 AM	Aortic regurgitation – from newborns to adolescents	Dr Baiju S Dharan
9.00-9.15 AM	Post ICR pulmonary regurgitation in TOF	Dr Thomas Mathew
9.15-9.30 AM	Evolution in type of Fontan circuits: advantages and disadvantages	Dr Sachin Talwar
9.30-9.45 AM	Fontan failure - management	Dr B R Jagannath
9.45-10.00 AM	Biventricular conversion after initial cavo-pulmonary Shunt: challenges in decision and techniques	Dr Debasis Das
10-00- 10.15 AM	TEA BREAK	

10.15- 11.30 AM **SESSION 8 THORACIC SURGERY**

Chairpersons: Dr Nasser Yusuf , Dr T D Ravikumar, Dr Harilal Nambiar, Dr Ravi Krishnan J

10.15-10.30 AM	Tracheal resection and reconstruction	Dr S V Srikrishna
10.30-10.45 AM	Pectus Excavatum – management	Dr Darlong L M
10.45-11.00 AM	Chest wall reconstruction options	Dr George Karimundackal
11.00-11.15 AM	How to establish a successful RATS programme	Dr Balasubramaniam K R
11.15-11.30 AM	Surgery for emphysema	Dr Arvind Kumar

11.30-12.45 PM **SESSION 9 FROM BASICS TO FUTURE**

Chairpersons: Dr Kirun Gopal, Dr K K Pradeep, Dr Alok Mathur, Dr V Sivaprasad

11.30-12.00 PM	Safe sternal closure techniques	Dr Anil Tendolkar
12.00-12.15 PM	Anastomotic disasters - recognition and remedy	Dr Jacob James Raj
12.15-12.30 PM	LVAD - Patient selection, optimization and perioperative care	Dr Julius Punnen
12.30-12.45 PM	Berlin heart BiVAD - paradigm in VAD therapy,our experience	Dr C S Jothi Muthu
12.45-1.00 PM	Valedictory function	
1.00 PM	Lunch	

REGISTER NOW