



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

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CHAIRMAN'S MESSAGE



My Dear Friends,

Hearty welcome to the IACTS Technocollege CME 2024. This exercise is designed to equip aspiring cardiothoracic surgeons with skills and knowledge by showcasing upto date scientific breakthroughs and introducing innovative solutions in the realm of CTVS practice. Over serial sessions of discussions on a comprehensive and diverse scientific programme, the participants will get to analyze choice of clinical practices and to zero in on factors of criticality in surgical outcome. The theme "Evidence, Innovations and Practical Wisdom "emphasize the areas of blend of research, application and frontier broadening experience. On behalf of the organizing committee, I am immensely pleased to welcome all the faculty, delegates, students, sponsors and other supportive personnel to this event. No doubt, we together will make this event a grand success. Wish you a fruitful and rewarding experience at the IACTS Technocollege CME 2024.

Looking forward to welcome you over there at Kottayam.
Dr P V Ramnarayanan

Chairman – IACTS Technocollege CME, 2024
Organizing Committee



Dr Vivek V 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 Periappuram

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)

IACTS TECHNO COLLEGE 2024 CONFERENCE HIGHLIGHTS

HANDS ON EXPERIENCE

Da Vinci surgical system will be available in the venue premises for hands on experience in Robotic surgery.

Contact Mr Vasudevan (9341191207)/ Ms Akhila (6364719332) for time slots

WET LAB SESSIONS

Wet lab workshop on anastomotic techniques and valve replacement is arranged for students and junior surgeons on Friday and Saturday 3- 5 PM

Course Coordinators : Dr Jacob Jamesraj (Friday)
Dr Anil Tendolkar (Saturday)
Contact Ms Akhila (6364719332) for time slots

Time slots will be provided on a first come first serve basis

LIVE DEMONSTRATION

Live demonstration of various aortic root widening techniques will be performed in porcine hearts by eminent faculty in the main hall on Saturday 2-3.30 PM

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	Endoscopic Cardiac Surgery - Present Scenario	Dr Ramprassath M S
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	Anastomotic Disaster - Recognition & Remedy	Dr Jacob Jamesraj
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 / Presentor : Dr Praveen K Varma / Dr Vinitha V Nair

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
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 Periappuram, 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 Manoj Durairaj , Dr Jayakumar K , Dr Varghese T Panicker, Dr E V John

12.00-12.15 PM	Anaortic CABG	Dr Satyajit Bose
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 V 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 Kirun Gopal / 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 Lalit Kapoor, 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 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

11.15-12.30 PM **SESSION 9 FROM BASICS TO FUTURE**

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

11.15-11.45 AM	Safe sternal closure techniques	Dr Anil Tendolkar
11.45-12.00 PM	FET IN indian Scenario	Dr Md Idhrees
12.00-12.15 PM	LVAD - Patient selection, optimization and perioperative care	Dr Julius Punnen
12.15-12.30 PM	Berlin heart BiVAD - paradigm in VAD therapy,our experience	Dr C S Jothi Muthu
12.30- 1.00 PM	Valedictory function	
1.00 PM	Lunch	

REGISTER NOW