



The
Madras
Medical
Mission
REACHING THE UNREACHED

3rd National Symposium on CARDIAC SURGICAL CRITICAL CARE 2024

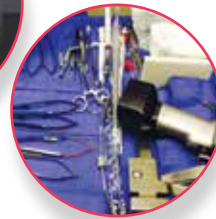
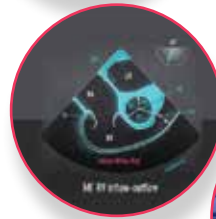


IACATA
Chennai



23rd & 24th November 2024
Saturday & Sunday

Zachariah Mar Dionysius
Auditorium
The Madras Medical Mission



Organised by

Institute of Cardio-Vascular Diseases
The Madras Medical Mission

in association with

Indian Association of Cardiovascular & Thoracic Anaesthesiologists (IACATA)
Chennai City Branch



*D*ear Colleagues,

We are happy to announce that the **3rd National Symposium on Cardiac Surgical Critical Care** being organised by the Institute of Cardio-Vascular Diseases, The Madras Medical Mission in association with IACTA Chennai City Branch will be held on **23rd and 24th November 2024** at the Zachariah Mar Dionysius Auditorium, The Madras Medical Mission.

Keeping up with the advancing technological innovation in critical care we have created an excellent scientific programme which will provide an opportunity to translate scientific evidence into effective post cardiac surgical care practice. The Scientific programme will cover the perioperative management of both adult and pediatric cardiothoracic surgical cases. This will provide an opportunity to have interactive sessions on most challenging clinical situations and insight into latest technological advances.

Once again, we extend a warm welcome to a time of learning and teaching.

Institute of Cardio-Vascular Diseases
MMM

IACTA
Chennai City Branch

DAY 1
SATURDAY

3rd National Symposium on CARDIAC SURGICAL CRITICAL CARE 2024

23rd November
2024

08:00 am

REGISTRATION

08:30 am

INAUGURATION

09:00 am - 10:00 am **SESSION 1: PRE-OP OPTIMIZATION**

Chairpersons:

- ◆ Dr Minal Vora, Apollo Hospitals, Chennai
- ◆ Dr Kumar C, The Madras Medical Mission, Chennai

09:00 am - 09:15 am

Preop carbohydrate loading - Is it safe in diabetic patients?
Speaker: Dr Sujatha D I, The Madras Medical Mission, Chennai

09:15 am - 09:30 am

Pre-rehabilitation - Optimization of lung function
Speaker: Dr Gokulakrishnan M, Gleneagles Hospital, Chennai

09:30 am - 09:45 am

SGLT2 inhibitors - What should we do?
Speaker: Dr Balaji Venkatachalam, Vijaya Heart Foundation, Chennai

09:45 am - 10:00 am

Discussion

10:00 am - 11:00 am **SESSION 2. MONITORING PHYSIOLOGY**

Chairpersons:

- ◆ Dr Balamurugan K, Meenakshi Mission Hospital, Madurai
- ◆ Dr Gunalan S, Rela Hospitals, Chennai

10:00 am - 10:15 am

NIRS for kidney function
Speaker: Dr Arunkumar A, SIMS, Chennai

10:15 am - 10:30 am

Myocardial viability before revascularization – How to evaluate?
Does it really affect the outcome?
Speaker: Dr Jeswin Moses, The Madras Medical Mission, Chennai

10:30 am - 10:45 am

Diastolic dysfunction – Clinical impact in the perioperative management
Speaker: Dr Shekar Suman Saxena, The Madras Medical Mission, Chennai

10:45 am - 11:00 am

Discussion

11:00 am - 11:15 am TEA BREAK

11:15 am - 12:00 Noon SESSION 3: MICS

Chairpersons:

- ◆ **Dr Anbarasu M**, *Kauvery Hospital, Chennai*
- ◆ **Dr Praveen P**, *Medway Hospital, Chennai*

11:15 am - 11:30 am Patient selection for MICS

Speaker: Dr Jeevanandanam G N, *Kauvery Hospital, Chennai*

11:30 am - 11:45 am Lung isolation techniques in MICS

Speaker: Dr Sathish Kumar D, *Christian Medical College, Vellore*

11:45 am - 12:00 Noon Discussion

12:00 Noon - 12:45 pm SESSION 4: PANEL DISCUSSION

Mitral Valve Repair

Moderator: Dr Ganapathy Arumugam C, *Apollo Hospitals, Chennai*

- Panelists:**
- Dr Vijayasankar M**, *Madras Medical College, Chennai*
 - Dr Kamalakkannan GS**, *Sri Ramachandra Medical College, Chennai*
 - Dr Vijit K Cherian**, *The Madras Medical Mission, Chennai*
 - Dr Ajeetha P K**, *Kauvery Hospital, Chennai*
 - Dr Jagdish D**, *Rela Hospital, Chennai*

12:45 pm - 01:15 pm SESSION 5: PRO & CON : ScVO₂ Vs MvO₂

Moderator: Dr C Venkatraghavan, *Suraksha Hospital, Salem*

ScVO₂ **Dr Chidambaram L**, *Apollo Children's Hospital, Chennai*

MvO₂ **Dr Shapna Varma**, *Medway Hospital, Chennai*

01:15 pm - 02:00 pm LUNCH

02:00 pm - 03:00 pm SESSION 6: RECENT ADVANCES

Chairpersons:

- ◆ **Dr Nareshkumar T**, *Kongunad Hospital, Coimbatore*
- ◆ **Dr Parameswaran S**, *The Madras Medical Mission, Chennai*

02:00 pm - 02:15 pm Endothelial glycocalyx - An update

Speaker: Dr Shanmugaperumal P, *The Madras Medical Mission, Chennai*

02:15 pm - 02:30 pm AI in cardiac anesthesia
Speaker: Dr Nedumaran K, *Billroth Hospitals, Chennai*

02:30 pm - 02:45 pm Coronary artery disease and carotid stenosis: What to do?
Speaker: Dr Sriram Gurumoorthi, *MIOT Hospital, Chennai*

02:45 pm - 03:00 PM Discussion

03:00 pm - 04:00 pm SESSION 7: CONGENITAL

Chairpersons:

- ◆ **Dr Uday Charan Murmu**, *The Madras Medical Mission, Chennai*
- ◆ **Dr Giridhar Gopal B**, *The Madras Medical Mission, Chennai*

03:00 pm - 03:15 pm Balancing circulation in a single ventricle physiology before palliation
Speaker: Dr Kanagarajan N, *The Madras Medical Mission, Chennai*

03:15 pm - 03:30 pm Surgical aspects of palliation for single ventricle
Speaker: Dr Robert Coelho, *MIOT Hospital, Chennai*

03:30 pm - 03:45 pm Trouble shooting After Fontan completion
Speaker: Dr Nagarajan R, *Krishna Institute of Medical Sciences, Hyderabad*

03:45 pm - 04:00 pm Discussion

04:00 pm - 04:15 pm TEA BREAK

04:15 pm - 05:15 pm SESSION 8: CARDIAC ICU

Chairpersons:

- ◆ **Dr Rajesh Kumar Kodali**, *Sri Ramachandra Medical College, Chennai*
- ◆ **Dr Sylvester Samuel A**, *Medway Hospital, Chennai*

04:15 pm - 04:30 pm Antibiotic stewardship in cardiac surgery
Speaker: Dr Sivakumar G, *The Madras Medical Mission, Chennai*

04:30 pm - 04:45 pm POCUS in cardiac critical care
Speaker: Dr Varsha AV, *Christian Medical College, Vellore*

04:45 pm - 05:00 pm Pain and sedation management in cardiac ICU - Current trends
Speaker: Dr Sathish K, *MIOT Hospital, Chennai*

05:00 pm - 05:15 pm Discussion

DAY 2
SUNDAY

3rd National Symposium on CARDIAC SURGICAL CRITICAL CARE 2024

24th November
2024

09:00 am - 10:00 am SESSION 9: CONGENITAL

Chairpersons:

- ◆ **Dr Selvakumar G**, *The Madras Medical Mission, Chennai*
- ◆ **Dr Ajay Aravind**, *MGM Hospital, Chennai*

09:00 am - 09:15 am Cardiac output assessment in children

Speaker: Dr Rajagopal J, *Apollo Children's Hospital, Chennai*

09:15 am - 09:30 am Update on pediatric pulmonary hypertension

Speaker: Dr Satish R, *Frontier Lifeline Hospital, Chennai*

09:30 am - 09:45 am Cerebral protection - Where do we stand?

Speaker: Dr Murukendiran G J, *MIOT Hospital, Chennai*

09:45 am - 10:00 am Discussion

10:00 am - 10:30 am SESSION 10: PRO & CON :

TAVR vs SAVR in low and intermediate risk patients

Moderator: Dr Jacob Jamesraj, *The Madras Medical Mission, Chennai*

TAVR in low and intermediate risk patients

Dr Nandhakumar V, *The Madras Medical Mission, Chennai*

SAVR in low and intermediate risk patients

Dr Harish Ravulapalli, *Narayana Medical College & Hospital, Nellore*

10:30 am - 10:45 am TEA BREAK

10:45 am - 11:45 am **SESSION 11: ADVANCED HEART FAILURE**

Chairpersons:

- ◆ **Dr Srinivasan Narayanan**, *The Madras Medical Mission, Chennai*
- ◆ **Dr Saranyakumar**, *Gleneagles Hospital, Chennai*

10:45 am - 11:00 am Preop optimization of patients with systolic pump failure
Speaker: Dr Arun R, *The Madras Medical Mission, Chennai*

11:00 am - 11:15 am Impella - A new dawn or new IABP
Speaker: Dr Dhamodaran K, *Apollo Hospitals, Chennai*

11:15 am - 11:30 am Expanding donor pool in heart and lung transplant
Speaker: Dr Sivakumar P, *PSG Hospital, Coimbatore*

11:30 am - 11:45 am Discussion

11:45 am - 12:30 pm **SESSION 12: MECHANICAL CIRCULATORY SUPPORT**

Chairpersons:

- ◆ **Dr Arumugam C**, *The Madras Medical Mission, Chennai*
- ◆ **Dr Veena J Ramanan**, *MGM Hospital, Chennai*

11:45 am - 12:00 NOON Post cardiotomy shock syndrome - Where do we stand ?
Speaker: Dr Hemamalini P, *MIOT Hospital, Chennai*

12:00 NOON - 12:15 pm ECMO vs LVAD - Bridging therapy / Destination therapy
Speaker: Dr Muralikrishna T, *MGM Hospital, Chennai*

12:15 pm - 12:30 pm Discussion

12:30 pm - 01:00 pm **SESSION 13: STATE OF THE ART (REVIEW OF LITERATURE)**

Moderators: Dr Arun S, *MIOT Hospital, Chennai*

Dr Swaminathan, *SRM Hospital, Kattankulathur*

12:30 pm - 12:40 pm Blood Transfusion after cardiac surgery

Speaker: Dr Balakrishnan N, *The Madras Medical Mission, Chennai*

12:40 pm - 12:50 pm Factor Concentrate as a first line therapy for bleeding after cardiac surgery

Speaker: Dr Kiran Muthu Rajah, *Sri Ramachandra Medical College, Chennai*

12:50 pm - 01:00 pm New onset atrial fibrillation after CABG surgery

Speaker: Dr Nithya Nallamuthu, *MGM Hospital, Chennai*

01:00 pm - 01:15 pm Valedictory Function

01:15 pm - 01:30 pm LUNCH



CONFERENCE SECRETARIAT

Ms. Sujatha K

Executive Secretary

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For Registration Click 

<https://madrasmedicalmission.org.in/conference/cardiac-anaesthesia-conference/>