

# CARDIAC CRITICAL CARE CONFERENCE & PRE CONFERENCE WORKSHOP

1<sup>st</sup> time in Mysuru

Date - 13<sup>th</sup> - 14<sup>th</sup> September 2025

Venue - Jayadeva Institute of Medical Science  
and Research Centre, Mysuru



**REGISTER NOW**

# Invitation

Dear Friends,

Greetings

It's our privilege to host and invite you all to the Cardiac Critical care Conference and pre conference workshop to be held on 13th & 14th September 2025 at Mysuru organized by Miditha life care In Association with Cardiological Society of India Mysore Chapter at Jayadeva Institute of Medical Science & Research Centre, Mysuru.

**The Theme for the event is Cardiac Critical Care Conference.**

The chosen venue is Jayadeva Institute of Medical science & Research Centre , Mysuru. 13th will be workshop and 14th will be the main conference.

We are expecting more than **250 delegates** from all over the State and neighbouring cities this will be an ideal platform for all of us to share the views and exchange technical aspects. We seek your commitment and enthusiastic participation to execute the role of a host to conduct this conference with ease and grace. This conference will offer an unparalleled opportunity of maximum quality exposure to industry in a very comfortable ambience.

Let us meet to discuss in person to have mutual benefit. Looking forward for your active participation to make this academic meet a grand success.

With Regards,



**Dr Raghunath Aladakatti**  
Organising Chairman



**Dr Veenu J**  
Organising Secretary



## ORGANISING COMMITTEE

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**Dr Raghunath Aladakatti**  
Organising Chairman



**Dr Veenu J**  
Organising Secretary



**Dr Sasirekha D**  
Convenor



**Dr Achal Sankaraiah**  
Treasurer

## SCIENTIFIC COMMITTEE

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**Dr Sasirekha D**



**Dr Achal Sankaraiah**



**Dr Shivanand S**



**Dr Hema S**



**Dr Veena Nanjappa**





Day 1

# PRE-CONFERENCE WORKSHOP

## 2D ECHOCARDIOGRAPHY

Hands on Discussion → Critical Care Concept of Echocardiography

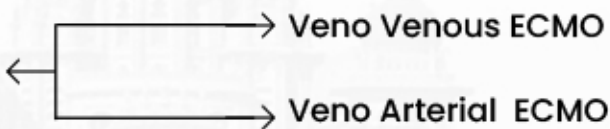
**Dr Hema S**

Consultant Interventional Cardiologist

**Dr Sasirekha D**

Consultant Interventional Cardiologist

## ECMO & MECHANICAL CIRCULATORY SUPPORT (MCS )

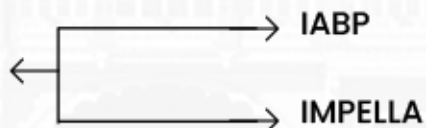
Discussion on ECMO ← 

- Veno Venous ECMO
- Veno Arterial ECMO

**Dr Achal**

**Dr Abhishek**

**Dr Chetan**

Discussion on MCS ← 

- IABP
- IMPELLA

**Dr Veenu J**

Consultant Interventional Cardiologist

**Dr Adithi Singhvi**

Transplant Cardiology

## MECHANICAL VENTILATION

**Dr Raghunath Aladakatti**

Consultant Intensivist



## Day 1

Time	Workshop Topics	Faculty
<b>WORKSHOP 1 – ECHOCARDIOGRAPHY ( 09:30 AM – 11:00 AM)</b>		
09 : 00 AM – 09 : 50 AM	Introduction to echo- Basic Views and knobology	Dr Hema S Consultant Interventional Cardiologist
09 : 50 AM – 10 : 10 AM	Assessment of LV systolic function	Dr Hema S Consultant Interventional Cardiologist
10 : 10 AM – 10 : 30 AM	Assessment of LV Diastolic function	Dr Sasirekha D Consultant Interventional Cardiologist
10 : 30 AM – 10 : 50 AM	Hemodynamic Assesment by echo	Dr Veenu J Consultant Interventional Cardiologist
<b>CASE BASED DISCUSSIONS (10:50 AM – 11:15 AM)</b>		
11 : 15 AM – 11 : 25 AM	Pericardial effusion in ICU	Dr Sasirekha D Consultant Interventional Cardiologist
11 : 25 AM – 11 : 35 AM	Fluid Management in LV Dysfunction	Dr Veenu J Consultant Interventional Cardiologist
11 : 35 AM – 11 : 45 AM	Post Operative stress cardiomyopathy	Dr Sasirekha D Consultant Interventional Cardiologist
11 : 45 AM – 11 : 55 AM	RA RV dilation- what next	Dr Hema S Consultant Interventional Cardiologist
11 : 55 AM – 12 : 05 PM	ECHO in acute febril illness-including infective endocarditis & Myocarditis	Dr Sasirekha D Consultant Interventional Cardiologist
12 : 05 PM – 12 : 15 PM	Pre Extubation ECHO	Dr Veenu J Consultant Interventional Cardiologist
<b>LUNCH BREAK (12:15 PM – 1:30 PM)</b>		
01 : 30 PM – 04 : 30 PM	Hands on ECHO Training	



## Day 1

Time	Workshop Topics	Faculty
WORKSHOP 2 – MECHANICAL CIRCULATORY SUPPORT (9:30AM – 12:30PM)		
ECMO		
09 : 30 AM – 10 : 00 AM	Physiology of ECMO	Dr Abhishek Cardiac Intensivist
10 : 00 AM – 10 : 30 AM	When to consider ECMO VV and VA	Dr Chethan Cardiac Intensivist
10 : 30 AM – 11 : 00 AM	Daily rounds in VA ECMO	Dr Vimal Consultant Intensivist
11 : 00 AM – 11 : 30 AM	Daily rounds in VV ECMO	Dr Abhishek Cardiac Intensivist
11 : 30 AM – 12 : 00 PM	Hypotension On VAECMO	Dr Chethan Cardiac Intensivist
12 : 00 PM – 12 : 30 PM	Hypoxia On VV ECMO	Dr Vimal Consultant Intensivist
LUNCH BREAK 12:30 PM – 1:30 PM		
SURGICAL TEMPORARY VENTRICULAR ASSIST DEVICES (1:30PM – 2:30PM)		
01 : 30 PM – 01 : 45 PM	Indications – when to consider	Dr Anandathirtha H S Consultant cardio thoracic surgeon
01 : 45 PM – 02 : 00 PM	Different types of devices	
02 : 00 PM – 02 : 15 PM	Parameters to be looked for in ICU care of VAD patients	
02 : 15 PM – 02 : 30 PM	Trouble shooting	
IABP – (2:30 PM – 3:30 PM)		
02 : 30 PM – 02 : 45 PM	Parts, physiology and benefits of IABP	Dr Adithi Singhvi Transplant Cardiologist
02 : 45 PM – 03 : 00 PM	Indications and contraindications	
03 : 00 PM – 03 : 15 PM	Management and trouble shooting	
03 : 15 PM – 03 : 30 PM	Simulation	



<i>Time</i>	<i>Workshop Topics</i>	<i>Faculty</i>
<b>IMPELLA – (3:30 PM – 4:30 PM)</b>		
03 : 30 PM – 03 : 45 PM	Indications and contraindication	Dr Adithi Singhvi Transplant Cardiologist
03 : 45 PM – 04 : 00 PM	Mechanism of action	
04 : 00 PM – 04 : 15 PM	Management and trouble shooting	
04 : 15 PM – 04 : 30 PM	Demo and hands on	



# Day 1

## WORKSHOP 3 – MECHANICAL VENTILATION ( 09:30 AM – 05:00 PM)

Time	Workshop Topic	Faculty
09 : 30 AM – 10 : 00 AM	Basic understanding of phase variables flows, volume, pressure and time constant	Dr Raghunath Aladakatti Consultant Intensivist
10 : 00 AM – 10 : 30 AM	Basic modes of mechanical ventilation	Dr Mahadev K Consultant Intensivist
<b>Skill Station</b>		
10 : 30 AM – 11 : 00 AM	Initiation of invasive mechanical ventilation – Initial settings and alarm setting	Dr Mahadev K Consultant Intensivist
11 : 00 AM – 11 : 30 AM	Ventilator Graphics- Scalars and Loops	Dr Raghunath Aladakatti Consultant Intensivist
11 : 30 AM – 12 : 00 PM	Trouble shooting: Approach to acute respiratory deterioration on ventilator	Dr Vaidyanathan R Consultant Intensivist
<b>Tea Break ( 12:00 PM – 12:15 PM )</b>		
<b>Scenario Based Discussion</b>		
12 : 15 PM – 12 : 45 PM	Arterial Blood Gas analysis– Ventilator settings adjustment	Dr Raghunath Aladakatti Consultant Intensivist
12 : 45 PM – 01 : 15 PM	High flow nasal oxygen therapy	Dr Sindhu C Consultant Intensivist
<b>Lunch Break ( 1:15 PM – 2:00 PM )</b>		
<b>Skill Station</b>		
02 : 00 PM – 02 : 30 PM	Non-invasive ventilation	Dr Sindhu C Consultant Intensivist
02 : 30 PM – 03 : 00 PM	Ventilatory Strategies in ARDS	Dr Avinash Consultant Intensivist
03 : 00 PM – 03 : 30 PM	Ventilatory Strategies in COPD and Asthma	Dr Vaidyanathan R Consultant Intensivist
<b>Scenario based skill station</b>		
03 : 30 PM – 04 : 00 PM	Difficult Weaning	Dr PrashanthKumar K Consultant Anesthesiologist & critical care
04 : 00 PM – 04 : 30 PM	ARDS– ECMO	Dr Raghunath Aladakatti Consultant Intensivist
04 : 30 PM – 05 : 00 PM	Industry Based Session : Newer modes of ventilation– APRV, PAV, ASV, PRVC	





## Day 2

Time	Conference Topics	Faculty
<b>Haemodynamics</b>		
09 : 00 AM – 09 : 15 AM	Basic Haemodynamics	Dr Adithi Singhvi Transplant Cardiologist
09 : 15 AM – 09 : 30 AM	Case Scenario -----HFREF -----HFPEF	Dr Adithi Singhvi Transplant Cardiologist
09 : 30 AM – 09 : 45 AM	Non invasive and minimally invasive haemodynamic devices	Dr Chethan Cardiac Intensivist
09 : 45 AM – 10 : 00 AM	PAC – Pulmonary Artery Catheter : Are we still using it?	Dr Vimal Consultant Intensivist
<b>Respiratory Management</b>		
10 : 00 AM – 10 : 15 AM	Heart Lung Interaction in Positive pressure ventilation	Dr Raghunath Aladakatti Consultant Intensivist
10 : 15 AM – 10 : 30 AM	Strategies to avoid invasive Ventilation	Dr Mahadev k Consultant Intensivist
10 : 30 AM – 10 : 45 AM	Basic Ventilatory Strategies for Heart	Dr Vaidyanathan R Consultant Intensivist
10 : 45 AM – 11 : 00 AM	Ultrasound chest and its bedside implication	Dr Akshay H M Intensivist
<b>Industry Sponsored Talk (1) with Tea &amp; Inauguration (11 : 00AM – 11 : 15 AM)</b>		
<b>Cardiogenic Shock</b>		
11 : 15 AM – 11 : 25 AM	Basics of Cardiogenic Shock	Dr Veenu J Consultant Interventional Cardiologist
11 : 25 AM – 11 : 45 AM	Selection of Mechanical Circulatory Support: IABP ,IMPELLA, ECMO, Pre –VAD	Dr Murali Krishna Cardiac Intensivist
11 : 45 AM – 12 : 00 PM	Cardio Renal Syndrome – Early Identification & Management	Dr Shashank Consultant Nephrologist
12 : 00 PM – 12 : 15 PM	Peripartum Cardiomyopathy – Case Based discussion	Dr Hema Consultant Interventional Cardiologist



## Cardiac Arrest

12 : 15 PM – 12 : 30 PM	Revascularization during Cardiac Arrest condition	Dr Veena Nanjappa Consultant Interventional Cardiologist
12 : 30 PM – 12 : 45 PM	Neurological management in ICU– Brain Oxygenation–perfusion/Edema/ICP	Dr Shasthara Paneyala Consultant Neurologist
12 : 45 PM – 01 : 00 PM	E – CPR	Dr Murali Krishna Cardiac Intensivist
01 : 00 PM – 01 : 15 PM	Supporting organs post Cardiac Arrest for organ donation	Dr Chethan Cardiac Intensivist

## Industry Sponsored Talk (2) with Lunch 01: 00 PM – 02 : 00 PM

## Arrhythmias

02 : 00 PM – 02 : 15 AM	VT Storm	Dr Bharath Consultant Electrophysiologist
02 : 15 PM – 02 : 30 PM	Atrial Fibrillation in ICU	Dr Sasirekha D Consultant Interventional Cardiologist
02 : 30 PM – 02 : 45 PM	Brady Arrhythmias and Pacing	Dr Shambavi Consultant Cardiologist

## Surgical Cardiac Critical Care

02 : 45 PM – 03 : 00 PM	Surgical Options for Complications of ACS	Dr Umesh Narappa Consultant CTV Surgeon
03 : 00 PM – 03 : 15 PM	Aortic dissection Type A  Aortic dissection Type B	Dr Madhu Prakash Consultant CTV Surgeon  Dr Shivananda S Consultant Vascular Surgeon

## Thromboembolism

03 : 15 PM – 03 : 30 PM	Pulmonary Embolism : Risk stratification & Management	Dr Achal S Consultant Intensivist
03 : 30 PM – 03 : 45 PM	Pulmonary Thrombectomy : Available options & Evidence	Dr Chethan Bharathwaj Consultant Cardiologist
03 : 45 PM – 04 : 00 PM	Pulmonary surgical thrombectomy in acute situation	Dr Anandathirtha H S Consultant cardio thoracic surgeon
04 : 00 PM – 04 : 15 PM	RVAD/ECMO in pulmonary embolism	Dr Bhaskar B V Consultant cardio thoracic surgeon

## Debate

04 : 15 PM – 05 : 00 PM	Artificial Intelligence: Is It the Future in critical care yes/no debate	Dr Raghunath Aladakatti Consultant Intensivist  Vs  Dr Vaidyanathan R Consultant Intensivist
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## Places to Visit in Mysore



The Mysore Palace, a historic landmark in the city of Mysore, serves as the official residence and administrative center for the Wodeyars, the Royal Family of Mysore, who governed the princely state between 1399 and 1950.

Chamundi Hill, located approximately 13 kilometers from Mysuru, offers a panoramic vista from its summit. Visitors can ascend to the top via an ancient stone staircase comprising 1,008 steps.



Mysore Zoo, officially known as Sri Chamarajendra Zoological Gardens, is a prominent attraction in Mysore. Spanning 157 acres and located close to the palace, it stands as one of India's oldest and most frequented zoos.

The Brindavan Gardens, situated in Karnataka's Mandya District, is a notable garden complex. It is adjacent to the Krishnarajasagara Dam, which was constructed over the Kaveri River.



Note \* : A Complimentary palace tour will be provided to all the participants after workshop





## Registration Details

### Workshop Tariff

Workshops	1st August 2025 – 05th September 2025	05th September 2025 – 12th September 2025
2D Echocardiography	Rs. 2000 /-	Rs. 2000 /-
Ecmo & Mechanical Circulatory Support (MCS)	Rs. 2000 /-	Rs. 2000 /-
Mechanical Ventilation	Rs. 2000 /-	Rs. 2000 /-
Conference	1st August 2025 – 05th September 2025	05th September 2025 – 12th September 2025
	Rs. 2000 /-	Rs. 3000 /-

Early bird closes on September 05<sup>th</sup> 2025

### Registration Procedure :

1. Visit our website – [www.ecmomiditha.com/Cardiaccriticalcareconference](http://www.ecmomiditha.com/Cardiaccriticalcareconference)
2. Bank Details: Payment can be done through NEFT/IMPS to the following Account

Account Name : **Miditha Life Care**

Account No : **50200085209931**

Branch : **Mysore K R Mohalla**

IFSC Code : **HDFC0002568**

**REGISTER NOW**

### Conference Secretariat :

**Dr Veenu J**, Organising Secretary  
Consultant Interventional Cardiologist,  
Miditha Life Care, +91 9606093557

### Venue :

**Jayadeva Institute of Medical Science  
& Research Centre,  
KRS Main Road, Mysuru**



[www.ecmomiditha.com](http://www.ecmomiditha.com)



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