



DEPARTMENT OF
CRITICAL CARE & ECMO



ECMO SOCIETY
OF INDIA

AP & TELANGANA CHAPTER

cordially invites you to

WORKSHOP ON
BASIC
ECMO

January 18, 2026 | 9th Floor Auditorium - 1,
Yashoda Hospitals, Secunderabad

Registration Fee: ₹1500

RSVP: Mr. Narendra Mora | 900 000 6251
Mr. Srivastav |





PATRONS



Dr. Pavan Gorukanti, MD
Pulmonary & Critical Care (ABIM)
Director - Yashoda Hospitals



Dr. Lingaiah
Director - Medical Services
Yashoda Hospitals



Dr. Vijay Kumar
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Dr. Venkat Raman Kola
Critical Care Medicine
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ORGANISING CHAIRPERSON



Dr. Madhusudhan R Jaju
HOD Critical Care Medicine
Yashoda Hospitals, Secunderabad

ORGANISING SECRETARY



Dr. Sricharan Goda
Consultant Dept. of Critical Care Medicine,
ECMO, Heart & Lung Transplant Unit
Yashoda Hospitals, Secunderabad

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LECTURE SESSIONS

(Each lecture will be of 30 minutes duration, followed by a 10-minute interactive Q&A session)

09:00 am - 09:30 am	Topic	: History of ECMO
	Speaker	: Dr. Krishna Vuddanti
09:40 am - 10:10 am	Topic	: Understanding the ECMO Circuit
	Speaker	: Dr. Nitin P
10:20 am - 10:50 am	Topic	: Physiology and Gas Exchange on ECMO
	Speaker	; Dr. Karthik
11:00 am - 11:30 am	Topic	: Indications and Contraindications of VV and VA ECMO
	Speaker	: Dr. Raghupathi
11:40 am - 12:10 pm	Topic	: Monitoring and Troubleshooting on ECMO
	Speaker	: Dr. Praveen
12:20 pm - 12:50 pm	Topic	: Anticoagulation Management on ECMO
	Speaker	: Dr. Shilpa
01:00 pm - 02:00 pm		: Lunch

WORKSTATIONS

(02:00 pm - 04:00 pm)

ECMO Circuit Familiarisation (30 minutes)

- Identification of pump, oxygenator, cannula, and tubing
- Understanding direction of blood flow
- Hands-on practice with connecting and disconnecting dummy circuits

Faculties : **Dr. Mounika Wilfred & Dr. Ramreddy**

Priming and De-airing (30 minutes)

- Wet-to-wet priming techniques
- Identification of air bubbles
- Safe and effective de-airing methods

Faculties : **Dr. Sashikiran & Dr. Ramreddy**

Basic Cannulation Simulation (30 minutes)

- Femoral-Internal Jugular (IJ) VV ECMO cannulation model
- Identification of anatomical landmarks on mannequins
- Basics of guidewire handling

Faculties : **Dr. Rakesh & Dr. Goutham**

Basic Troubleshooting Scenarios (30 minutes)

- Management of low-flow and high-pressure alarms
- Identification and management of clots in the circuit
- Approach to hypoxia during ECMO support

Faculties : **Dr. Nishanth & Dr. Manikanta**



CENTER OF EXCELLENCE

