

**32<sup>nd</sup> Annual Conference of Indian Society of Critical Care Medicine**

Workshops: 25<sup>th</sup> & 26<sup>th</sup> February 2026 | Conference: 27<sup>th</sup> February, 28<sup>th</sup> February & 1<sup>st</sup> March 2026

Theme: Humanisation in the Era of Data Science | Venue: Chennai Trade Centre, Chennai, Tamilnadu

## Extracorporeal Membrane Oxygenation (ECMO) Workshop

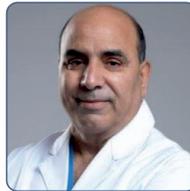
26<sup>th</sup> Feb 2026 | Radisson Blu GRT Near Airport – Royal Ballroom 1

### National Lead



Rahul Pandit

### National Directors



Vinod Kumar Singh



Rajesh Mohan Shetty



Arpan Chakraborty

### Local Coordinator



Vetriselvan Parasuraman



Sivakumar Ganeshbabu

## MEET OUR EXPERT FACULTY



Niranjana Panigrahi



Poonam Malhotra



Pranay Oza



Ravindra Tirovoipati



Venkat Raman Kola

For more details

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Extracorporeal Membrane Oxygenation (ECMO) Workshop		
Time	Topic	Faculty Name
0830 - 0900	Introduction to ECMO - ECMO over the years - where we stand today? Analysis from ELSO database & ECMO Physiology	Poonam Malhotra
0900 - 0930	ECMO : Indications , Contraindications , Understanding ECMO circuit , components and hardware	Vinod Kumar Singh
0930 - 1000	ECMO : Initial setting , Daily management and monitoring Techniques and strategies for ECMO cannulation in adults	Arpan Chakraborty
1000 - 1020	Strategies and protocols for Weaning and decannulation of patients on ECMO	Venkat Raman Kola
1020 - 1040	ECCO2R	Ravindra Tirovoipati
1040 - 1100	Tea Break	
1100 - 1330	<b>Hands-on Workstations</b>	
<b>Station 1</b>	Initiation, Priming the ECMO Circuit initial setting and maintenance of ECMO	Pranay Oza Rajesh Mohan Shetty
<b>Station 2</b>	ECMO Cannulation	Venkat Raman Kola Niranjan Panigrahi
<b>Station 3</b>	Pump failure; Air Embolism	Vetriselvan Parasurama
<b>Station 4</b>	Hybrid Therapy & Circuit Change – CASE SCENARIO	Siva Kumar Ganeshbabu Poonam Malhotra
<b>Station 5</b>	CRRT with ECMO Hemadsorption and Extra Corporeal CO2 Removal	Ravindra Tirovoipati Rahul Pandit
1330 - 1430	Lunch	
1430 - 1730	<b>Simulation</b>	
	Case based discussion- ECMO Simulation scenarios and management	Ravindra Tirovoipati Rahul Pandit
	<b>Scenarios- VA</b> <b>Initiation/ Counselling</b> <b>Still VT/VF – electrolyte imbalance</b> <b>LV distension</b> <b>Pump failure</b> <b>Harlequin syndrome</b> <b>Weaning</b>	Rahul Pandit Venkat Raman Kola Niranjan Panigrahi Vetriselvan Parasuraman Rajesh Mohan Shetty Poonam Malhotra <b>Each Faculty will lead one case each with Simulator</b>
	<b>Case Scenarios VV</b> <b>Initiation</b> <b>Hypovolemia/ Chattering</b> <b>Hypoxia</b> <b>ECCO2R</b> <b>Improper ECMO settings</b> <b>Recirculation</b> <b>Oxygenator failure</b> <b>Gas line disconnection</b> <b>High cardiac output/ sepsis</b> <b>Weaning</b>	Ravindra Tirovoipati Arpan Chakraborty Vinod Kumar Singh Siva Kumar Ganesh Babu Pranay Oza <b>Each Faculty will lead one case each with Simulator</b>

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**Dr Srinivas Samavedam**  
President, ISCCM  
Organising Chairperson

**Prof Pradip Kumar Bhattacharya**  
Imm. Past President, ISCCM  
Co-Chairperson & Chairperson,  
Abstract Committee

**Dr Ranvir Singh Tyagi**  
President Elect, ISCCM  
Chairperson,  
Scientific Committee

**Dr Sachin Gupta**  
General Secretary, ISCCM  
Organising Secretary