



ECMO

CME cum WORKSHOPS

1st time in Jharkhand

 Date

25th January 2026 | 8 am to 6 pm

 Venue

Rajendra Institute of Medical Sciences, Ranchi

Objectives

- Understand ECMO machines and circuit components
- Learn ECMO physiology and patient selection
- Perform hands-on drills on:
 - ECMO setup and priming
 - Hand cranking
 - Cannulation basics
 - Identification and management of mechanical complications
- Gain confidence in ECMO initiation, monitoring, troubleshooting, and weaning

3

Credit Points

Who Should Attend?

Ideal for beginners and early practitioners:

- Doctors (Consultants, Fellows, PG students)
- Perfusionist / Technician / MO
- Critical Care Nurses
- Respiratory Therapists

Register
Now!



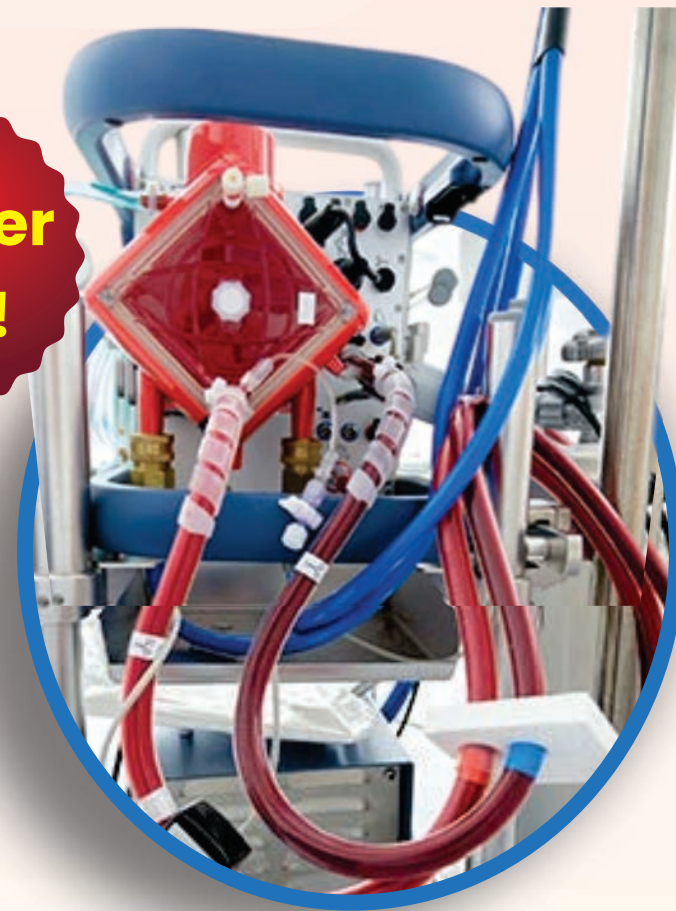
Prof Shio Priye
Organising Chairman



Dr. Jay Prakash
Organising Secretary



Dr. Nitesh Sinha
Organising Treasurer



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Programme Schedule

Time	Program	Speaker	Chairpersons
08:00 – 08:50	Registration		
08:50 – 09:00	Welcome		
	Session 1		Dr Naseem Akhtar, Dr Ajit Dungdung, Dr Dipali Singh, Dr Amit Prakash Chandra, Dr Pragya Pant
09:00 – 09:20	Physiology of ECMO	Prof Shio Priye	
09:20 – 09:40	Patient selection for ECMO	Prof P K Bhattacharya	
	Session 2		Dr Madhan Kulandaiswamy, Dr Ritu Singh, Dr Deepak Kumar, Dr Mohib Ahmed, Dr Kumkum Prasad
09:40 – 10:00	Cannulation Techniques	Dr Deepanjan Chatterjee	
10:00 – 10:20	Monitoring & Maintenance of ECMO	Dr Pranay Oza	
	Session 3		Prof Ladhu Lakra, Dr Nishith Kumar, Dr Prasen Ranjan, Dr Dhananjay Kumar
10:20 – 10:40	Anticoagulation in ECMO	Dr Madhan Kulandaiswamy	
10:40 – 11:20	Inauguration followed by Tea Break		
	Session 4		Dr Narendra Sinha, Dr Rishi Guria, Dr Manoj Kumar, Dr Anshul Kumar
11:20 – 11:40	Hypoxemia on V – V ECMO	Dr Niranjan Panigrahi	
11:40 – 12:00	Complications of ECMO – Dark side of ECMO	Dr Vinod Kumar Singh	
	Session 5		Prof Pankaj Bodra, Dr Ujjawal Roy, Dr Mrityunjay Mundu, Dr Mukesh Kumar
12:00 – 12:20	Weaning & Decannulation	Prof Ajit Kumar	
12:20 – 12:40	ECPR	Dr Asif Ahmed	
	Session 5		Dr DSN Rao, Dr Nisith M Paul Ekka, Dr Atri Gangopadhyay, Dr Rajesh Kumar Singh
12:40 – 01:00	Ventilation & Hemodynamic Management During ECMO	Dr Kapil Thakkar	
01:00 – 01:20	Extracorporeal CO2 Removal- Indication, Evidence & Relevance	Dr Saurabh Taneja	
01:20 – 02:00	Lunch		
02:00 – 06:00	Workshop (Hands-on)		
ECMO Setup and Priming of the oxygenator		Cannulation	ECMO Simulation
06:00 – 06:30	Vote of Thanks		Dr Jay Prakash

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Patron



Prof (Dr) Raj Kumar
Director, RIMS, Ranchi

National Faculties



Dr Pranay Oza
Mumbai



Dr Vinod Kumar Singh
Delhi



Dr Deepanjan Chatterjee
Kolkata



Dr Madhan Kulandaiswamy
Coimbatore



Dr Kapil Thakkar
Ahmedabad



Dr Saurabh Taneja
Delhi



Dr Niranjana Panigrahi
Hyderabad



Prof Ajeet Kumar
Patna



Dr Asif Ahmed
Jamshedpur



Dr Ritu Singh
Patna

Organising Committee



Prof. P K Bhattacharya
Advisor



Prof Shio Priye
Organising Chairman



Dr. Jay Prakash
Organising Secretary



Dr. Nitesh Sinha
Organising Treasurer



Dr Manoj Kumar



Dr Amit Prakash Chadra



Dr Mukesh Kumar



Dr Tushar Kumar



Dr Rakesh Kumar



Dr Ramesh K Kharwar



Dr Gagan Gunjan



Dr Sunil Kedia



Dr. Bharti



Dr Priyanka Shrivastava