

2ND INTERNATIONAL WINTER CONFERENCE



JOIN US AT

International Conference on
ECLS & BEYOND
EXPANDING THE
HORIZON OF SURVIVAL

VIRTUAL SESSIONS: FRI 12th & SAT 13th, DEC 25
FROM 5:00 PM ONWARDS

IN PERSON CONFERENCE: SUN 14th DEC 2025

Endorsed by



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<https://ecmocon.com/registration/>

Event Highlights

- 1. Two Days of Virtual Interaction with International Experts**
Learn from renowned global ECMO leaders before the main event - stay updated with international best practices!
- 2. Hands-On Demonstration Workshops**
From ECMO basics to complex clinical scenarios, practice with real equipment and simulation-based guidance.
- 3. Interactive Question-Answer Sessions & Expert Panel Discussions**
Engage directly with faculty through structured Q&A segments and real-world problem-solving discussions
- 4. Interdisciplinary Collaboration**
Network with intensivists, perfusionists, cardiac surgeons, anesthesiologists, and critical care nurses teamwork at its best!
- 5. Free Registration for Accepted Posters, Abstracts & Paper**
Present your work and attend ECMOCON for free if your research is selected!

| Registration Type | Amount |
|---|--------------|
| Virtual Program (12th & 13th December) | Rs. 1,000 /- |
| Hands-on Workshop (Physical) | Rs. 2,000 /- |
| Both | Rs. 3,000 /- |



IN ASSOCIATION



<https://ecmocon.com/registration/>

APPLIED FOR MMC CREDIT HOURS

INTERNATIONAL FACULTIES



Dr. Bindu Akanti
USA



Dr. Daniel DeBacker
Belgium



Dr. Giacomo Grasselli
Italy



Dr. K Ramanathan
Singapore



Dr. Matthieu Schmidt
France



Dr. Pramod Guru
USA



Dr. Sachin Shah
UK



Dr. Suneel Pooboni
UAE

NATIONAL FACULTIES

Dr Arindam Kar
Mumbai

Dr Murali Krishna
Chennai

Dr Saurabh Taneja
New Delhi

Dr Bindu M
Mumbai

Dr Munish Chauhan
Gurugram

Dr V Rakesh
Hyderabad

Dr Jumana Haji
Mumbai

Dr V S Pavan Kumar
Hyderabad

Dr VenkatRaman Kola
Hyderabad

Dr Kapil Thakkar
Ahmedabad

Dr Pranay Oza
Mumbai

Dr Vinod Singh
New Delhi

Dr Khusrav Bajan
Mumbai

Dr Ravi Krishna
Vishakhapatnam

Dr Vivek Gupta
Ludhiana

Dr Madhan Kumar
Chennai

Dr Sanjay O P
Bangalore

Dr Vishal Sardhara
Vadodhara

ECMO BASICS

DAY 1 (Virtual Conference)

| | |
|---------------|--|
| Day/ Date: | Friday, 12 th December 2025 |
| Organized by: | KIMS Kingsway Hospital, Nagpur |

| Time | Topic | Speaker |
|--------------------------------------|--|--|
| 05:00– 05:10 PM | Welcome & Opening Remarks | Dr. Rajan Barokar |
| Session 1 (20 min each) | Moderators: Dr. Sachin Shah, Dr. Vivek Gupta, Dr. Deepak Jeswani, Dr. Ramesh Hasani | |
| 05:10 – 05:30 PM | Understanding the Physiology of ECLS | Dr. K Ramnathan |
| 05:30 – 05:50 PM | Types of ECMO: VV vs VA ECMO – Indications & Principles | Dr. Pranay Oza |
| 05:50 – 06:10 PM | ECMO Circuit Components & Mechanical Complications | Dr. Pramod Guru |
| 06:10 – 06:20 PM | Q & A Session | |
| Session 2 (15 min each) | Moderators: Dr. K Ramanathan, Dr. Munish Chauhan, Dr. Afzal Sheikh, Dr. Shailesh Chauksey | |
| 06:20 – 06:35 PM | Cannulation Techniques & Circuit Configuration | Dr. Matthieu Schmidt |
| 06:35 – 06:50 PM | SHOCK – Team : Need of the Hour | Dr. Vinod Singh |
| 06:50 – 07:05 PM | ECMO in ARDS – Evidence & Best Practices | Dr. Giacomo Grasselli |
| 07:05 – 07:15 PM | Q & A Session | |
| Session 3 (15 min each) | Moderators: Dr. Kapil Thakkar, Dr. Harshavardhan Bora, Dr. Ajay Sakhare, Dr. Sagar Chopde | |
| 07:15 – 07:30 PM | Ventilation & Hemodynamic Management During ECMO | Dr. Daniel Debacker |
| 07:30 – 07:45 PM | ECMO Monitoring & complications in Patients | Dr. Bindu Akanti |
| 07:45 – 08:00 PM | Weaning & Decannulation – Recovery & Readiness | Dr. Giacomo Grasselli |
| 08:00 – 08:10 PM | Q & A Session | |
| 08:10 - 08:40 PM (30 min) | Panel Discussion : Moderator : Dr. V Belekar Topic : Wrapping up with the Basics. | Panelists: Dr. Vivek Gupta, Dr. Khusrav Bajan Dr. Sandeep, Khanzode, Dr. Amar Amle, CSI President, Dr. Nainesh Patel, Dr. Lulu F Vali, Mr. Loknath Tiwari |

ADVANCED ECMO

DAY 2 (Virtual Conference)

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|----------------|--------------------------------|
| Day/ Date | Saturday, 13th December 2025 |
| Organized by: | KIMS Kingsway Hospital, Nagpur |
| Talk Duration: | 20 min each |

| Time | Topic | Speaker |
|------------------|--|---|
| 05:00 – 05:10 PM | Welcome & Recap of Day 1 | Dr. Rajan Barokar |
| Session 1 | Moderators: Dr. Pramod Guru, Dr. Nirmal Jaiswal, Dr. Kaustubh Upadhye | |
| 05:10 – 05:30 PM | ECPR & ECMO – Activation, Workflow, Timeline; Logistics & Survival Criteria | Dr. Sachin Shah |
| 05:30 – 05:50 PM | Anticoagulation in ECMO – Basics & Challenges | Dr. Bindu Mulakavalupi |
| 05:50 – 06:10 PM | Multi-Organ Support: ECMO + CRRT, IABP, Impella, LVAD – Integration | Dr. Sanjay O P |
| 06:10 – 06:20 PM | Q & A Session | |
| Session 2 | Moderators: Dr. Sanjay O P, Dr. ArindamKar, Dr. Anant Rajput, Dr. Utkarsh Shah | |
| 06:20 – 06:40 PM | ECMO as Bridge to Organ Retrieval; NRP in DCD; Monitoring & Outcomes | Dr. Jumana Haji |
| 06:40 – 07:00 PM | ECMO in Paediatrics & Neonates – Challenges, Physiology, Circuit Setup | Dr. Suneel Pooboni |
| 07:00 – 07:20 PM | ECCO2R – Clinical Implications & Indian Scenario | Dr. Saurabh Taneja |
| 07:20 – 07:30 PM | Q & A Session | |
| Session 3 | Moderators : Dr. Madhan Kumar, Dr. Manish Sonkusale, Dr. Bipin Jibhkate, Dr. Rashmi Agrawal | |
| 07:30 – 07:50 PM | ECMO in Special Situations | Dr. Venkat Raman Kola |
| 07:50 – 08:10 PM | Low Flow State in VA ECMO – Causes & Management ("I can't get my flows") | Dr. Sachin Shah |
| 08:10 – 08:30 PM | Art of LV Unloading – IABP, Impella, EPELLA; What Works & When | Dr. Bindu Akanti |
| 08:30 – 08:40 PM | Q & A Session | |
| 08:40 – 09:10 PM | Panel Discussion: Moderator : Dr. Rajan Barokar, Topic : The Next Decade of ECMO – Challenges & Opportunities | Dr. Pranay Oza, Dr. Giacomo Grasselli, Dr. Sachin Shah, Dr. Pradeep Rangappa |
| 09:10 – 09:15 PM | Vote of Thanks | Dr. Rajan Barokar |

14th Dec - Hands-on Workshop (Physical)

Venue : KIMS Kingsway Hospital, Nagpur - 3rd Floor Auditorium

| Time | Presentation Moderators : Dr. Rashmi Agrawal, Dr. Vijaya Lanje, Dr. Snehal Navle | Speaker |
|----------------|--|--|
| 08:00-08:20 AM | Interesting case presentations | Dr. Vishal / Dr. Ravikrishna |
| 08:20-08:30 AM | INAUGURATION | |
| 08:30-09:00 AM | Hands-on Station 1: ECMO Circuit Setup & Priming | Dr. V S Pavan Kumar |
| 09:00-09:40 AM | Hands-on Station 2: Cannulation Techniques | Dr. Vivek Gupta |
| 09:40-10:20 AM | Mechanical Complications | Dr. Pranay Oza |
| 10:20-10:30 AM | Coffee Break | |
| 10:30-11:10 AM | ECCO2R Setup & Priming | Dr. Kapil Thakkar |
| 11:10-11:50 AM | Refractory hypoxia on VV ECMO | Dr. Vinod Singh |
| 11:50-12:30 PM | ECMO with CRRT: Dialysis and Different Filter Connections | Dr. Munish Chauhan |
| 12:30-13:10 PM | ECMO with IABP & LVAD | Dr. Murli Krishna |
| 13:10-13:40 PM | Lunch | |
| 13:40-16:40 PM | Simulation Station - 6 Scenarios 30 Mins Each Scenario Moderators: Dr. Virendra Belekar, Ajin Thomas, Dr. Pallavi, | Dr. Pranay Oza, Dr. Vivek Gupta, Dr. Murali Krishna, Dr. Vishal Sardhara, Dr. Munish Chauhan, Dr. Kapil Thakkar, |
| 16:40-17:00 PM | Debrief, Feedback, Post Assessments | |
| 17:00 PM | Vote of Thanks followed by Tea-Break | |