ENACT-PRO
NAGPUR
EXTRACORPOREAL NETWORK FOR ADVANCED CRITICAL CARE & TECHNOLOGY
EDUCATE • COLLABORATE • EXCEL

KIMS-KINGSWAY HOSPITALS

# ECMOCON 4.0
## NAGPUR

**IN ASSOCIATION WITH**

**ECMO SOCIETY OF INDIA (ESOI)**

**INDIAN SOCIETY OF ANAESTHESIOLOGISTS**
**Nagpur City Branch**

4TH EDITION • CENTRAL INDIA'S PREMIER CONFERENCE ON

# ECMO & Extracorporeal Life Support

| | | |
|---|---|---|
| **26th NOV 2026** | **VIRTUAL CONFERENCE** | Zoom Platform |
| **27th NOV 2026** | **MAIN CONFERENCE** | Physical Conference |
| **28th NOV 2026** | **HANDS-ON WORKSHOP** | Workstations · Physical |

**VENUE** Parwana Bhavan, KIMS-Kingsway Hospital, Nagpur

ACCREDITED WITH **MMC CREDIT HOURS**

## ORGANISING TEAM

**ORGANIZING CHAIRPERSON**
**Dr Rajan Barokar**
Sr. Critical Care Physician & ECMO Specialist
Head, Dept. of Critical Care & ECMO Services
KIMS-Kingsway Hospital, Nagpur

**ORGANIZING CO-CHAIR**
**Dr Virendra Belekar**
Sr. Consultant, Critical Care & ECMO Specialist
KIMS-Kingsway Hospital, Nagpur

**ECMO CO-ORDINATOR**
**Dr Vijaya Lanje**
Senior Clinical Perfusionist
KIMS-Kingsway Hospital, Nagpur

ZERO MILE

To Register Kindly Visit : **https://ecmocon.com/**

KIMS-KINGSWAY HOSPITALS

ENACT-PRO NAGPUR
EXTRACORPOREAL NETWORK FOR ADVANCED CRITICAL CARE & TECHNOLOGY
EDUCATE • COLLABORATE • EXCEL

# ECMOCON 4.0 NAGPUR

ECMOCON 4.0 NAGPUR • DAY 1

# VIRTUAL CONFERENCE – FACULTY

**26th November 2026** | **Zoom Platform**

## VIRTUAL CONFERENCE FACULTIES



**Dr. Ramanathan KR**
Senior Consultant, Cardiothoracic ICU, National University Heart Centre
Singapore



**Prof. Matthieu Schmidt**
Professor, Medical ICU, Pitié-Salpêtrière Hospital, Sorbonne University, Paris
France



**Dr. Sachin Shah**
Consultant, Adult Intensive Care, Anaesthesia & ECMO, Barts Heart Centre, London
UK



**Prof. Daniel De Backer**
Head, Dept. of Intensive Care, CHIREC Hospitals; Professor, Université Libre de Bruxelles
Belgium



**Dr. Suneel Pooboni**
Consultant, Paediatric Critical Care, Mediclinic City Hospital, Dubai
UAE



**Dr. Pramod Guru**
Critical Care Specialist, Mayo Clinic, Jacksonville, Florida
USA



**Dr. Bindu Akkanti**
Professor of Medicine, Pulmonary & Critical Care, UTHealth Houston
USA



**Dr. Vaidehi Kaza**
Professor & Medical Director, Lung Transplant Program, UT Southwestern, Dallas
USA



**Dr. Prabhat Dutta**
Additional Director & HOD, CTVS Anaesthesia, Hyderabad
India



**Dr. Sreekanth Cheruku**
Associate Professor & Medical Director, CVICU, UT Southwestern Medical Center, Dallas
USA

## ECMOCON 4.0 NAGPUR • 26 – 28 November 2026

**26th NOV** — Virtual Conference, Zoom Platform

**27th NOV** — Main Conference, Physical Conference

**28th NOV** — Hands-on Workshop, Workstations · Physical

📍 **Venue:** Parwana Bhavan, KIMS-Kingsway Hospital, Nagpur

MMC CREDIT HOURS

ZERO MILE

To Register Kindly Visit : **https://prismservices.co.in/ecmocon2026/**

ENACT-PRO NAGPUR — EXTRACORPOREAL NETWORK FOR ADVANCED CRITICAL CARE & TECHNOLOGY — EDUCATE • COLLABORATE • EXCEL

ECMOCON 4.0 — NAGPUR

KIMS-KINGSWAY HOSPITALS

IN ASSOCIATION WITH

ECMO SOCIETY OF INDIA (ESOI)

INDIAN SOCIETY OF ANAESTHESIOLOGISTS — Nagpur City Branch

ECMOCON 4.0 NAGPUR • DAY 1 • THURSDAY, 26th NOVEMBER 2026

# VIRTUAL CONFERENCE – SCIENTIFIC PROGRAM

From Rescue Therapy to Precision Support | 4:45 – 9:15 PM IST | 🎥 Zoom Platform | All times in IST

## INAUGURAL — Welcome Addresses — 4:45 – 5:15 PM

| | | |
|---|---|---|
| 4:45 – 4:55 PM | Welcome Address by Organising Chairman | **Dr. Rajan Barokar** |
| 4:55 – 5:05 PM | Welcome Address | **Dr. K Madhan Kumar** |
| 5:05 – 5:15 PM | Wisdom Words | **Dr. Pranay Oza** |

## PLENARY — Plenary Lecture — 5:15 – 5:35 PM

**Chairpersons:** Dr. Deepak Jeswani, Dr. Vivek Gupta, Dr. Ranveer Tyagi

| | | |
|---|---|---|
| 5:15 – 5:35 PM | **AI in ECMO** | **Prof. Matthieu Schmidt** • Paris, France |

## SESSION 1 — Emerging Technology, Anticoagulation & LV Unloading — 5:35 – 6:30 PM

**Chairpersons:** Dr. Rajesh Mishra, Dr. Dipanjan Chatterjee, Dr. Anant Rajput

| | | |
|---|---|---|
| 5:35 – 5:50 PM | 1 Pushing the Limits of Gas Exchange: Advanced VV ECMO | **Prof. Matthieu Schmidt** • Paris, France |
| 5:50 – 6:05 PM | 2 ECMO Anticoagulation & Hemostasis: From Monitoring to HIT and Hyperfibrinolysis | **Dr. Sachin Shah** • London, UK |
| 6:05 – 6:20 PM | 3 Unload to Survive – The Science & Strategy of LV Decompression | **Dr. Ramanathan KR** • Singapore |
| *6:20 – 6:30 PM* | *Discussion / Q&A* | *All speakers & chairpersons* |

## SESSION 2 — ECMO Survivorship, Inflammation & Fluid Management — 6:30 – 7:25 PM

**Chairpersons:** Dr. Utkarsh Shah, Dr. Vinod Singh, Dr. Sunil Karanth, Dr. Ramya Veerasuri

| | | |
|---|---|---|
| 6:30 – 6:45 PM | 4 Long-Term Outcomes & Quality Matrices: Optimising ICU Weaning, Decannulation & Survivorship | **Dr. Pranay Oza** • India |
| 6:45 – 7:00 PM | 5 When Inflammation Runs Wild – Cytokine Adsorption in Septic Shock on ECMO | **Dr. Suneel Pooboni** • Dubai, UAE |
| 7:00 – 7:15 PM | 6 The Fluid Management in Patients During ECMO | **Prof. Daniel De Backer** • Brussels, Belgium |
| *7:15 – 7:25 PM* | *Discussion / Q&A* | *All speakers & chairpersons* |

## SESSION 3 — CRRT and Organ Donation & Preservation — 7:25 – 8:20 PM

**Chairpersons:** Dr. Vishal Ramteke, Dr. Prabhat Dutta, Dr. Indira Jaykumar, Dr. Kapil Thakkar

| | | |
|---|---|---|
| 7:25 – 7:40 PM | 7 E-AKI | **Dr. Pramod Guru** • USA |
| 7:40 – 7:55 PM | 8 ECMO in the Peritransplant (Heart-Lung) Environment | **Dr. Vaidehi Kaza** • Texas, USA |
| 7:55 – 8:10 PM | 9 ECPR – Universal Principles, Global Challenges | **Dr. Sreekanth Cheruku** • Texas, USA |
| *8:10 – 8:20 PM* | *Discussion / Q&A* | *All speakers & chairpersons* |

## SESSION 4 — Cardiac ECMO, Beyond ICU & Precision ECMO — 8:20 – 9:15 PM

**Chairpersons:** Dr. Swapna Khanzode, Dr. Saurabh Varshney, Dr. Moiz Lalani, Dr. Srivatsa Nagachandran, Kochi (Co-Chair)

| | | |
|---|---|---|
| 8:20 – 8:35 PM | 10 The Failing Heart – Right is Not Always Right | **Dr. Bindu Akkanti** • USA |
| 8:35 – 8:50 PM | 11 Beyond the ICU – Extracorporeal Support Without Boundaries | **Dr. Prabhat Dutta** • Hyderabad |
| 8:50 – 9:05 PM | 12 Beyond One Size Fits All – Subphenotypes & Timing of VV ECMO Initiation in Refractory ARDS | **Prof. Daniel De Backer** • Brussels, Belgium |
| *9:05 – 9:15 PM* | *Discussion / Q&A* | *All speakers & chairpersons* |

To Register Kindly Visit : **https://prismservices.co.in/ecmocon2026/**

KIMS-KINGSWAY HOSPITALS

ENACT-PRO NAGPUR
EXTRACORPOREAL NETWORK FOR ADVANCED CRITICAL CARE & TECHNOLOGY
EDUCATE • COLLABORATE • EXCEL

ECMOCON 4.0

ECMOCON 4.0 NAGPUR • DAY 2

# PHYSICAL CONFERENCE – FACULTY

27th November 2026

Parwana Bhavan, KIMS-Kingsway, Nagpur



**Dr. Rashmi Agrawal**
Nagpur



**Dr. Khusrav Bajan**
Mumbai



**Dr. Rajan Barokar**
Nagpur



**Dr. Virendra Belekar**
Nagpur



**Dr. Harshavardhan Bora**
Nagpur



**Dr. Nishant Deshpande**
Nagpur



**Dr. Ashish Ganjare**
Nagpur



**Dr. Jumana Haji**
Mumbai



**Dr. Nirmal Jaiswal**
Nagpur



**Dr. Deepak Jeswani**
Nagpur



**Dr. Murali Krishna**
Chennai



**Dr. Vamshi Krishna**
Hyderabad



**Dr. Pranay Oza**
Mumbai



**Dr. Srinivas R**
Mumbai



**Dr. Ravikrishna**
Hyderabad



**Dr. Chetan Sharma**
Nagpur



**Dr. Manish Sonkusale**
Nagpur



**Dr. Rakesh V**
Hyderabad

## ECMOCON 4.0 NAGPUR • 26 – 28 November 2026

**26th NOV** — Virtual Conference
Zoom Platform

**27th NOV** — Main Conference
Physical Conference

**28th NOV** — Hands-on Workshop
Workstations · Physical

ZERO MILE

To Register Kindly Visit : https://prismservices.co.in/ecmocon2026/

ENACT-PRO NAGPUR — Extracorporeal Network for Advanced Critical Care & Technology — Educate • Collaborate • Excel

ECMOCON 4.0 — NAGPUR

KIMS-KINGSWAY HOSPITALS

IN ASSOCIATION WITH

ECMO SOCIETY OF INDIA (ESOI)

INDIAN SOCIETY OF ANAESTHESIOLOGISTS — Nagpur City Branch

ECMOCON 4.0 NAGPUR • DAY 2 • FRIDAY, 27th NOVEMBER 2026

# PHYSICAL CONFERENCE – SCIENTIFIC PROGRAM

📍 Parwana Bhavan, KIMS-Kingsway, Nagpur | Lecture 15 min • Discussion 10 min

☕ **Registration & Breakfast** — 8:00 – 8:45 AM

**MOC** Dr. Pallavi Bhagwat & Dr. Pavitra

## WELCOME — Welcome Note — 8:45 – 9:00 AM

| | |
|---|---|
| 8:45 – 9:00 | Welcome Note by Organizing Chairman<br>**Dr. Rajan Barokar, Nagpur** |

## SESSION I — ECMO Fundamentals — 9:00 – 10:15 AM

**Chairpersons:** Dr. Neha Agarwal, Dr. Shailesh Choksey, Dr. Sohal Parate, Dr. Murali Krishna

| | |
|---|---|
| 9:00 – 9:15 | Basic ECMO Physiology<br>**Dr. Rajan Barokar, Nagpur** |
| 9:15 – 9:30 | Uncommon ECMO Indications<br>**Dr. Rakesh V, Hyderabad** |
| 9:30 – 9:45 | TTE & TEE Monitoring in ECMO<br>**Dr. Harshavardhan Bora, Nagpur** |
| 9:45 – 10:00 | Sedation & Analgesia during ECMO<br>**Dr. Vamshi Krishna, Hyderabad** |
| *10:00 – 10:15* | *Discussion* |

## SESSION II — Plenary Session — 10:15 – 10:40 AM

**Chairpersons:** Dr. Lulu Fatima Vali, Dr. Rajan Barokar

| | |
|---|---|
| 10:15 – 10:40 | **Foundational Trials that Shaped ECMO Practice**<br>**Dr. Pranay Oza, Mumbai** |

## SESSION III — ECMO in Special Clinical Populations — 10:40 – 11:40 AM

**Chairpersons:** Dr. Ramesh Hasani, Dr. Amol Parate, Dr. Kaustubh Upadhyay, Dr. Ravikrishna

| | |
|---|---|
| 10:40 – 10:55 | ECMO in the Perioperative Environment<br>**Dr. Manish Sonkusale, Nagpur** |
| 10:55 – 11:10 | ECMO in Pregnancy<br>**Dr. Virendra Belekar, Nagpur** |
| 11:10 – 11:25 | ECMO in Trauma<br>**Dr. Khusrav Bajan, Mumbai** |
| *11:25 – 11:40* | *Discussion* |

🏆 **Inaugural Ceremony** — 11:40 AM – 12:10 PM
**MOC: Dr. Poorva Magarkar & Dr. Rashmi Agrawal**

☕ **Tea Break** — 12:10 – 12:30 PM

**MOC** Dr. Deepak Nandurkar & Dr. Mayur Tayde

## SESSION IV — Advanced ECMO Decision Making — 12:30 – 1:45 PM

**Chairpersons:** Dr. Imran Noor Mohammed, Dr. Ajay Sakhare, Dr. Mahesh Sarda, Dr. Vamshi Krishna

| | |
|---|---|
| 12:30 – 12:45 | ECMO in Refractory Septic Shock<br>**Dr. Jumana Haji, Mumbai** |
| 12:45 – 1:00 | $ECCO_2R$ in ICU Practice<br>**Dr. Deepak Jeswani** |
| 1:00 – 1:15 | Hybrid ECMO Configurations (V-AV / V-VA)<br>**Dr. Murali Krishna, Chennai** |
| 1:15 – 1:30 | RV Failure on VV ECMO<br>**Dr. Rakesh V, Hyderabad** |
| *1:30 – 1:45* | *Discussion* |

🍽 **Lunch Break** — 1:45 – 2:15 PM

## TRIBATE — Blood Product Transfusion during ECMO is a Necessity — 2:15 – 2:40 PM

| | |
|---|---|
| For | **Dr. Rashmi Agrawal** |
| Against | **Dr. Khusrav Bajan** |
| Balance | **Dr. Murali Krishna** |

**MOC** Dr. Mohit Gabhane & Dr. Amol Giradkar

## SESSION V — ECMO Troubleshooting & Complications — 2:40 – 4:05 PM

**Chairpersons:** Dr. Abdul Shaikh, Dr. Om Shambhu, Dr. Bipin Jibkhate, Dr. Virendra Belekar

| | |
|---|---|
| 2:40 – 2:55 | Awake ECMO, Extubation & Active Rehabilitation<br>**Dr. Ravikrishna, Hyderabad** |
| 2:55 – 3:10 | Refractory Hypoxemia on VV ECMO<br>**Dr. Vamshi Krishna, Hyderabad** |
| 3:10 – 3:25 | ECMO Anticoagulation in Dysregulated Milieu<br>**Dr. Srinivas R, Mumbai** |
| 3:25 – 3:40 | Neuro Monitoring & Neuro Complications in ECMO<br>**Dr. Nirmal Jaiswal, Nagpur** |
| 3:40 – 3:55 | Failed ECMO Weaning<br>**Dr. Murali Krishna, Chennai** |
| *3:55 – 4:05* | *Discussion* |

## SESSION VI — Ethics • Innovation • Future ECMO — 4:05 – 4:50 PM

**Chairpersons:** Dr. Sudhir Chafle, Dr. Pooja Chandak, Dr. Sarang Kshirsagar, Dr. Rakesh V

| | |
|---|---|
| 4:05 – 4:20 | Upcoming Research Trials in ECMO<br>**Dr. Khusrav Bajan, Mumbai** |
| 4:20 – 4:35 | Ethical Issues in ECMO<br>**Dr. Rajan Barokar, Nagpur** |
| 4:35 – 4:50 | Atmanirbhar ECMO in India<br>**Dr. Pranay Oza, Mumbai** |

## PANEL — Panel Discussion — 4:50 – 5:20 PM

**Roadblocks for Developing an ECMO Program in India**

- Beyond monetary issues: reaching the right patient, at the right time, at the right place?

**Moderator: Dr. Chetan Sharma**

**Panelists:** Dr. Pranay Oza, Dr. K Madhan Kumar, Dr. Jumana Haji, Dr. Khusrav Bajan, Dr. Rajan Barokar, Dr. Ganjre

## VALEDICTORY — Valedictory — 5:20 – 5:40 PM

| | |
|---|---|
| 5:20 – 5:30 | Vote of Thanks |
| 5:30 – 5:40 | Group Photograph & High Tea |

To Register Kindly Visit : **https://prismservices.co.in/ecmocon2026/**

ENACT-PRO NAGPUR
EXTRACORPOREAL NETWORK FOR ADVANCED CRITICAL CARE & TECHNOLOGY
EDUCATE • COLLABORATE • EXCEL

ECMOCON 4.0 NAGPUR

KIMS-KINGSWAY HOSPITALS

IN ASSOCIATION WITH

ECMO SOCIETY OF INDIA (ESOI)

INDIAN SOCIETY OF ANAESTHESIOLOGISTS
Nagpur City Branch

ECMOCON 4.0 NAGPUR • DAY 3 • SATURDAY, 28th NOVEMBER 2026

# HANDS-ON WORKSHOP – PROGRAM

📍 Parwana Bhavan, KIMS-Kingsway, Nagpur | From 9:00 AM onwards | 6 Workstations

**NATIONAL LEAD** Dr. Pranay Oza | **CHIEF CO-ORDINATORS** Dr. Virendra Belekar, Dr. Vijaya Lanje, Mr. Ajin Thomas

### 1 STATION 1 — ECMO Circuit Setup & Priming
Dr. Vijaya Lanje
Dr. Prasad Udhoji
Dr. Bipin Jibkhate
Dr. Mohit Gabhane
Ms. Sarita Sahu

### 2 STATION 2 — Cannulation Techniques
Dr. Poorva Magarkar
Dr. Rashmi Agrawal
Dr. Mayur Tayde
Mr. Ajin Thomas
Mrs. Baby Uma Lal

### 3 STATION 3 — Mechanical Complications & Troubleshooting
Dr. Virendra Belekar
Dr. Afzal Shaikh
Dr. Shailesh Choksey
Dr. Pavitra
Mr. Chirag Patil
Ms. Prajakta

### 4 STATION 4 — CRRT, $ECCO_2R$ Setup & Priming
Dr. Nishant Deshpande
Dr. Anant Rajput
Dr. Amol Giradkar
Ms. Jayshree

### 5 STATION 5 — 2D ECHO in ECMO
Dr. Harshavardhan Bora
Dr. Vimmi Goel
Dr. Deepak Nandurkar
Dr. Rupesh Bokade
Ms. Priyanka Shahane

### 6 STATION 6 — Simulation Station – 6 Scenarios
Dr. Pranay Oza & Team

| TIME | STATION | SESSION / ACTIVITY |
|---|---|---|
| 9:00 – 10:00 AM | | Registration & Inauguration |
| 10:00 – 10:30 AM | STATION 1 | ECMO Circuit Setup & Priming |
| 10:30 – 11:00 AM | STATION 2 | Cannulation Techniques |
| 11:00 – 11:30 AM | STATION 3 | Mechanical Complications & Troubleshooting |
| 11:30 AM – 12:00 PM | STATION 4 | CRRT, $ECCO_2R$ Setup & Priming |
| 12:00 – 12:30 PM | STATION 5 | 2D ECHO in ECMO |
| 12:30 – 1:00 PM | | 🍽 Lunch Break |
| 1:00 – 1:30 PM | STATION 6 | Simulation Station – Scenario 1 |
| 1:30 – 2:00 PM | STATION 6 | Simulation Station – Scenario 2 |
| 2:00 – 2:30 PM | STATION 6 | Simulation Station – Scenario 3 |
| 2:30 – 3:00 PM | STATION 6 | Simulation Station – Scenario 4 |
| 3:00 – 3:30 PM | STATION 6 | Simulation Station – Scenario 5 |
| 3:30 – 4:00 PM | STATION 6 | Simulation Station – Scenario 6 |
| 4:00 – 4:20 PM | | Debrief, Feedback & Post-assessment |
| 4:20 PM onwards | | ☕ Vote of Thanks followed by Tea Break |

Stations 1–5: 30 minutes each

Station 6: six simulation scenarios of 30 minutes each

Hands-on training at every station




To Register Kindly Visit : https://prismservices.co.in/ecmocon2026/

KIMS-KINGSWAY HOSPITALS

TEAM ECMO

# A SPECIALIZED TEAM COMMITTED TO ADVANCED CRITICAL CARE & LIFE SAVING SUPPORT.





**Dr. Rajan Barokar**
MD (Medicine), EDIC, Diploma ECMO (Paris)
Sr. Critical Care Consultant & ECMO Specialist,
Head - Department of Critical Care Medicine & Chief ECMO Services



**Dr. Virendra Belekar**
MBBS, MD (Anaesthesiology), IDCC, FECMO
Sr. Consultant - Critical Care & ECMO Specialist
ELSO Endorsed Certificate Course of ESOI



**Dr. Harshwardn Bora**
MD Internal Medicine
EDEC (European Diploma in Advanced Critical Care Echocardiography)
Sr Consultant Internal Medicine & Critical Care



**Dr. Manish Sonkusale**
MBBS, MD Anaesthesia,
PDCC, DM (Cardiac Anesthesia)
Fellowship Transesophageal Echocardiography
Senior Consultant Anesthesiologist



**Dr. Poorva Magarkar**
MD Anaesthesia, DNB Anaesthesia, DrNB Critical Care Medicine, FIECMO, EDIC 1, ELSO endorsed ECMO course
Consultant Critical Care and ECMO specialist



**Dr. Prasad Udhoji**
MD, FCCCM (Gold medalist), IDCCM, EDIC, CCEBDM
Consultant, Critical Care Medicine



**Dr. Vijaya Lanje**
Clinical Perfusionist & ECMO Co-Ordinator,
Certificate Course in Perfusionists ECMO Technology,
ELSO Endorsed Certificate Course of ESOI



**Mr. Ajin Thomas**
ECMO Nursing,
Indian Diploma in Critical Care Nursing,
ELSO Endorsed Certificate Course of ESOI

Contact Details : **Dr. Vijaya Lanje** - ECMO Co-Ordinator | M.: +91 86009 58076