



Swami Rama Himalayan University

NAAC A+

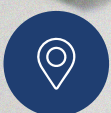
15<sup>TH</sup>-16<sup>TH</sup>  
NOVEMBER  
2025

# ECMO 2025

This workshop will develop skills in patients management with ECMO (extracorporeal membrane oxygenation) and trouble shoot common problems using a simulated learning experience.

## CONTENTS

- 01 VV ECMO: Principles, practice, problems & troubleshooting
- 02 The VV ECMO circuit & hands-on practice
- 03 VV ECMO: Simulation & scenarios
- 04 VA ECMO: Principles, practice, problems & troubleshooting
- 05 VA Circuit: Problems & hands-on troubleshooting
- 06 VA ECMO: simulation & scenarios



Aadi Kailash Auditorium  
and Skill Lab

# EXPERTS FROM ALL OVER INDIA



**DR. POONAM MALHOTRA**



**DR. HARISH MAHESHWARAPPA**



**DR. PIYUSH SRIVASTAVA**



**DR. DIPANJAN CHATTERJEE**



**DR. SHIKHA SACHAN**



**RAHUL NEGI**



**DR. AKSHAY CHAUHAN**



**DR. RICHA LOHANI**

# DAY 1

## FUNDAMENTALS, INDICATIONS & PATHOPHYSIOLOGY

09:00 am – 09:30 am	Opening Remarks & Introduction	Dr. Sonika Agarwal	Chairpersons
09:30 am – 10:30 am	Tea / Coffee Break / Inaugural		
10:30 am – 11:00 am	ECMO: Definitions and Principles	Dr. Dipanjan Chaterjee	Dr.Narendra Rungta Dr.Ankit Agarwal Dr.Poonam Malhotra
11:00 am – 11:30 am	Indications and Physiopathology in Venovenous ECMO on Severe ARDS	Dr. Shikha Sachan	
11:30 am – 12:00 pm	Indications and Physiopathology in Venoarterial ECMO	Dr. Dipanjan Chaterjee	
12:00 pm – 12:30 pm	Monitoring and Management during ECMO	Dr. Piyush Srivastav	Dr. Shaleen Bhatnagar Dr. Nupur B Patel Dr. Dipanjan Chatterjee
12:30 pm – 01:00 pm	Anticoagulants during ECMO	Dr. Poonam Malhotra	
01:00 pm – 02:00 pm	Workstation- Hemodynamic monitoring workstation Monitoring during ECMO	Dr. Piyush Srivastav Dr. Poonam Malhotra	Dr.Nand Kishore
02:00 pm – 2:30 pm	Lunch		
02:30 pm – 04:30 pm	ECMO Machine Display, Components, Circuit Assembly, Priming and Initiation	Dr. Shikha Sachan Dr. Richa Lohani	Dr. Sonu Sama
	Cannulation Strategy: W or VA CVP Line cannulation	Dr. Akshay Chauhan Dr. Aditya Joshi	Dr. Veena Boswal

# DAY 2

## ADVANCED PRACTICES, TRAINING & GUIDELINES

09:00 am – 09:30 am	ECMO in Poisoning: Evidence to Experience	Dr. Harish Maheshwarappa	Dr. Rahul Chauhan Dr. Gaurav Jain Dr. Aditya Joshi
09:30 am – 10:00 am	Complications Related to VV ECMO/VA ECMO	Dr. Poonam Mehrotra	
10:00 am – 10:30 am	E-CPR and overview	Dr. Harish Maheshwarappa	
10:30 am – 11:00 am	Tea / Coffee Break		
11:00 am – 11:30 am	ECMO in cardiac failure	Dr. Akshay Chauhan	Dr. Shantanu Belwal Dr. Harish Maheshwarappa Dr. Sudhir Singh
11:30 am – 12:00 pm	Weaning of VA/VECMO	Col. Aditya Joshi	
12:00 pm – 12:30 pm	Transport under ECMO/Mobilisation during ECMO	Dr. Poonam Mehrotra	
12:30 pm -01:00 pm	All about ECMO (Panel discussion with case presentation)	All available experts	Dr. Sonika Agarwal
01:00 pm – 02:00 pm	Lunch		
02:00 pm – 04:00 pm	Troubleshooting ECMO	Dr. Akshay Chauhan	Dr. Amit Lall
	Full ECMO Run, VA ECMO / VV ECMO	Dr. Aditya Joshi Dr. Richa	Dr. Saurabh
04:00 pm	Closing Remarks & Certificate Distribution		
	Tea / Coffee Break		

# ORGANISING COMMITTEE



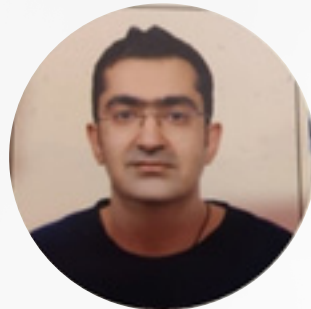
**DR. SONIKA AGARWAL**  
PROFESSOR



**DR. NAND KISHORE**  
ASSO. PROFESSOR



**DR. VEENA BOSWAL**  
ASSTT. PROFESSOR



**DR. SONU SAMA**  
ASSO. PROFESSOR



**DR. SOURABH KUMAR**  
ASSTT. PROFESSOR



**DR. AMIT LALL**  
ASSTT. PROFESSOR

## Organising Chairman

**Organising Chairman**  
Dr. Sonika Agarwal

**Organising co-chairman**  
Dr. Nand Kishore  
Dr. Sonu Sama  
Dr. Veena Boswal

**Organising Secretary**  
Dr. Amit Lall  
Dr. Sourabh Kumar

**Treasurer**  
Dr. Sonika Agarwal

## Organising Team

Dr. Shantanu Belwal  
Dr. Rahul Chauhan  
Dr. Nupur B Patel  
Dr. Faizur Rehman  
Dr. Amrit Goel  
Dr. Resham Gupta  
Dr. Neha Pandey  
Ranjana Kaintura  
Priyanka Uniyal  
Preeti  
Prachi  
Drishti

Vishnu  
Deepika  
Afsana  
Haleema  
Abhishek  
Purnima  
Tripti  
Sumit

## REGISTRATION FEE

Consultants - ₹ 5000  
Students - ₹ 3000

### BANK ACCOUNT DETAILS:

**Bank Name:** State Bank of India, Jolly Grant

**Account No.:** 42352341095 **IFSC:** SBIN0010580

### REGISTRATION LINK:

[https://docs.google.com/forms/d/e/1FAIpQLSfpY1Q kKlc6Aa80b46egbXcJSzej6uOTBT7 \\_x0Nu4POGgP9EA/viewform?usp=dialog](https://docs.google.com/forms/d/e/1FAIpQLSfpY1Q kKlc6Aa80b46egbXcJSzej6uOTBT7 _x0Nu4POGgP9EA/viewform?usp=dialog)

**Mrs. Tripti Joshi** | Phone No: 8126534084 | Email: [hod.criticalcare@srhu.edu.i](mailto:hod.criticalcare@srhu.edu.i)

REGISTER  
SOON



SCAN TO PAY

**Swami Rama Himalayan University**  
**Office of the Registrar**

SRHU/Reg/Int/2025- 528

Date: 23<sup>rd</sup> August, 2025

Dr. Sonika Agarwal  
Professor & Head  
Department of Critical Care Medicine  
Himalayan Institute of Medical Sciences

1. This refers to the letter no. SRHU/HIMS/CCM/2025/10 dated 14/08/2025 received from the HOD, Department of Critical Care Medicine, HIMS, duly forwarded by the Dean cum Principal, seeking permission of the following :
  - (a) Permission for organizing workshop on 'Extracorporeal Membrane Oxygenation (ECMO) on 15<sup>th</sup> & 16<sup>th</sup> November, 2025 at this Institute.
  - (b) Use of College Auditorium / Skill Lab on 15<sup>th</sup> & 16<sup>th</sup> November, 2025 with necessary arrangements for audio-visual support and seating.
  - (c) Concessional Transport services for the invited speakers and key delegates as per University guidelines.
  - (d) Financial Aid to cover expenses related to hospitality, printing of conference materials, participants kits and event promotion.
2. The permission of the competent authority, is hereby conveyed for permission for conduct of the workshop without any financial implication on the University.

  
23/08/2025  
Registrar

Copy to:  
Hon'ble President  
Hon'ble Vice-Chancellor  
Director General (Academic Development)  
Pro-Vice Chancellor  
Dean cum Principal, HIMS  
Finance Officer  
Estate Manager

*for kind information please*