



ECMO

Two-Day Workshop | 21-22 August 2026

Time	Topic	Description	Speaker / Facilitator
DAY 1 - 21 AUGUST 2026 Lecture Programme 08:30 AM - 17:00 PM			
08:30 - 09:00	History & Physiology	Brief on ECMO history & ECMO physiology	Dr Pranay Oza
09:00 - 09:30	Indications	Indications in general & selection criteria	Dr PK Das
09:30 - 10:00	Cannulation	Choice of cannulas and cannulation strategies	Dr Venkat Goyal
10:00 - 10:30	Monitoring & Management	V-V & V-A ECMO	Dr Vivek Gupta
10:30 - 11:00	Paediatrics	How is paediatric ECMO different from adult ECMO?	Dr Aditya Shukla
11:30 - 12:00	Trouble Shooting	V-V & V-A ECMO	-
12:00 - 12:30	Pharmacology	Anticoagulants, PK-PD of antimicrobials	Dr Pranay Oza
12:30 - 13:00	eCPR	eCPR: Rewriting the ending of cardiac arrest	Dr PK Das
13:00 - 14:00	Lunch Break	-	-
14:00 - 14:30	Adding Extracorporeal Therapies to ECMO	RRT, TPE & ECCO2R	Dr Venkat Goyal
14:30 - 15:00	Hybrid Circuits	VV-A, VA-V, etc.	Dr Vivek Gupta
15:00 - 15:30	Transport on ECMO	Intra-hospital & inter-hospital transport	Dr Aditya Shukla
15:30 - 16:00	Weaning & Trial Off	The final chapter in the fight for life	-
16:15 - 17:00	Panel Discussion	How to Start an ECMO Program in Your Institute	All Faculty
DAY 2 - 22 AUGUST 2026 Hands-On Stations & Simulation 08:30 AM - 17:15 PM Rotations in 5 Groups			
HANDS-ON STATION ROTATIONS			
08:30 - 09:00	Station A	Circuit Components & Priming	Dr Atiharsh Agarwal
09:00 - 09:30	Station B	Cannulation	Dr Aditya Shukla
09:30 - 10:00	Station C	Power Failure & Air in Circuit	Dr Vivek Gupta
10:00 - 10:30	Station D	Oxygenator Failure & Pump Failure	Dr Venkat Goyal
10:30 - 11:00	Station E	Transport on ECMO	Dr PK Das
11:00 - 11:15	Tea Break	-	-
SIMULATION SESSIONS			