

**ACME**

**GICS 2024**

**Co-ordinators: Dr Prathibha G.A  
Dr Pradeep Rangappa  
Dr Karthik Rao**

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For any queries contact :  
9972735480, 9343222772

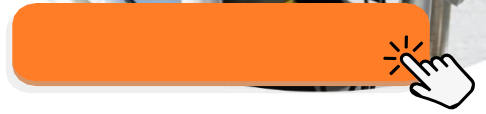


AsiaED Collegium of  
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# DAY 1 - 17<sup>TH</sup> OCTOBER

Timing	Topics	Speakers	Chair persons
08.00 – 08.40	Registration & Pre course test		
08.40 – 09.00	Introduction to ECMO - Types & History	Dr. Prathibha G A	Dr. Pradeep Rangappa Dr. Pranay Oza
09.00 – 09.20	ECMO Physiology	Dr. Ajith Kumar A K	Dr. Sanjay O P Dr. Poonam Malhotra Dr. Kamsali Somraj Dr. Nagesh Jakaraddi
09.20 – 09.40	Indication, contraindication & selection criteria	Dr. Himaaldev	
09.40 – 10.00	Cannulation	Dr. Riyan Sukumar Shetty	
10.00–10.20	Management of Coagulation/ Transfusion of blood components	Dr. Gowrishankar	
10.20–10.30	Discussion		
10.30–11.00	<b>Lamp Lighting &amp; Inaugural</b>	Dr Kshithija Kulkarni, Dr. Chaithanya Patania , Dr. Pradeep Rangappa Dr.O P Sanjay, Dr. Riyan Shetty, Dr.Karthik Rao, Dr. Ranveer Singh	
11.00–11.20	Role of LV Venting in VA – ECMO	Dr Sanjay O P	Dr. Riyan Sukumar Shetty Dr. Ajith Kumar A k Dr. Gunavathy N Jakaraddi Dr. Rakesh Venturumili Dr. Niranjan Panigrahi
11.20–11.40	Management – VV ECMO	Dr Poonam Malhotra	
11.40–12.10	Complications on ECLS	Dr. Mohammed Rehan	
12.10–12.40	Demonstration of Components & circuit priming	Dr Pranay Oza	
12.40–13.00	Demonstration – Initiation & monitoring	Dr Pranay Oza	
13.00 – 13.10	Discussion		
13.10–14.00	Lunch break		
14.00–14.20	Renal function & dialysis on ECMO	Dr Rajvardhan Rangappa	Dr. Pranay Oza Dr. Sanjay O P Dr Poonam Malhotra Dr. Shio Priye
14.20–14.40	Weaning, trial off & Decannulation	Dr Mahesh Padyana	
14.40–15.10	Toubleshooting on ECMO	Dr. Nagesh Jakaraddi	
15.10–15.30	ECMO in Cardiogenic shock	Dr. Niranjan Panigrahi	
15:30–15:45	Coffee break		
15:45–17:00 Hands-on- sessions	Station – I ECMO cannulation – <ul style="list-style-type: none"> <li>● Cannula selection – type &amp; size – its Importance</li> <li>● Cannulation sites – VV/ VA/VAV, Neonates, Paediatrics &amp; Adults</li> <li>● Cannulation technic – open, seldinger, semi open,</li> </ul> Hands on for seldinger technique	Dr Kamsali Somraj Dr Mahesh Padyan Dr Rajvardhan Dr. Gunavathy N Jakaraddi Ms. Sindhuja Dr. Rakesh Venuturumilli	

Station – II preparing & Priming the circuit –

- Introduction to different components, importance
- Preparation of circuit in general & modification as needed
- Simulation for preparation of circuit by giving various scenario – eg make circuit for paediatric VV ECMO, Cardiac ECMO, VA V ECMO, VV V ECMO, etc
- Teach them how to prime circuit, circuit volume calculation, priming fluid, etc
- Hands on – priming circuit, priming Oxygenator alone, priming Pump alone

Dr. Sanjay O P  
 Dr. Poonam Malhotra  
 Dr. Niranjana Panigrahi  
 Dr. Himaaldev G J  
 Mr. Ramachandra  
 Ms. Nisha  
 Mr. Pasam Gopal Naidu

## DAY 2 - 18<sup>TH</sup> OCTOBER

Timing	Topics	Speakers	Chair persons
8.00 – 8.20	Procedures on ECMO & Nursing care patient on ECMO	Dr. Nilesh Mahale	Dr. Himaaldev G J Dr. Pradeep Rangappa Prof(Dr) Shio Priye
8.20 – 8.40	Transportation on ECMO	Dr. Shalini Nalwad	
8.40 – 9.10	ECPR	Dr. Bhavani Prasad Gudavalli	
9:10 – 9:25	Discussion		
9.25 – 9.45	Coffee break		
9:45 – 11:15 Hands-on-sessions	Station – I Mechanical Complications of ECMO – o Power Failure Air in circuit	Dr. Himaaldev G J Dr. Raghavendra Deshapande Ms. Sindhuja Dr. Pasam Gopal Naidu Dr. Rakesh Venuturumilli	
	Station – II Mechanical Complications of ECMO – o Pump failure o Oxygenator Failure o Demonstration of change of Pump, Oxygenator & Entire Circuit	Dr. Pranay Oza Dr. Poonam Malhotra Dr. Nagesh Jakaraddi Ms. Nisha Mr. Ramachandra	
	Station III – Transport & Proning on ECMO	Dr. Shalini Nalwad Dr. Kamsali Somraj Dr. Ashwin Udupa	
11.15 – 12.15	Simulation – Cases 2 VV & 2 VA ECMO	Dr. Pranay Oza Ms. Sindhuja Mr. Alvin	
12.15– 12:30	Concluding session and Lunch		

