

CONFLUENCE OF
GLOBAL INDIAN MINDS IN INTENSIVE CARE

GICS 2024

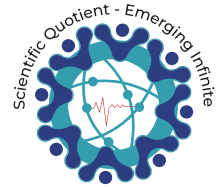
Bengaluru

2nd Biennial Global Intensive Care Symposium

17th to 20th October 2024, Bengaluru



ACME
AsiaED Collegium of
Medical Education



GICS 2024

ECMO

manipalhospitals

LIFE'S ON +

WORKSHOP

17th & 18th October 2024

*Workshop Venue:
Manipal Hospitals
Yeshwanthpur*

Brigade Gateway, Yeshwanthpur,



**Workshop Director
Dr. Pranay Oza**

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

**Workshop Chairman
Dr. Muralidhar Kanchi**

**Organizing Chairman
Dr. Pradeep Rangappa**

**Organizing Co Chairman
Dr. Ajith Kumar AK**

**Organizing Secretary & Treasurer
Dr. Farooq Ulla Khan**

**Scientific Chair
Dr. Bhuvana Krishna**

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**For any queries contact :
9972735480, 9343222772**

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DAY 1 - 17TH OCTOBER

Timing	Topics
08.00 – 08.30	Registration & Pre course test 20 MCQs
08.30 – 09.00	Introduction to ECMO – Types & History
09.00 – 09.20	ECMO Physiology
09.20 – 09.40	Indication, contraindication & selection criteria
09.40 – 10.00	Cannulation
10.00 – 10.20	Management of Coagulation/ Transfusion of blood components
10.20 – 10.30	Discussion
10.30 – 11.00	Coffee break
11.00 – 11.20	Management – VV ECMO
11.20 – 11.40	Management – VA ECMO
11.40 – 12.10	Complications on ECLS
12.10 – 12.40	Demonstration of Components & circuit priming
12.40 – 13.00	Demonstration – Initiation & monitoring
13.00 – 13.10	Discussion
13.10 – 14.00	Lunch break
14.00 – 14.45	Renal function & dialysis on ECMO
14.45 – 15.30	Weaning, trial off & Decannulation
15.30 – 16.00	Coffee break
16.00 – 16.30	Troubleshooting on ECMO
16.30 – 17.30	<p>Station – I ECMO cannulation –</p> <ul style="list-style-type: none"> • Cannula selection – type & size – its Importance • Cannulation sites – VV/VA/VAV, Neonates, Paediatrics & Adults • Cannulation technic – open, seldinger, semi open, Hands on for seldinger technique
	<p>Station – II preparing & Priming the circuit –</p> <ul style="list-style-type: none"> • Introduction to different components, importance • Preparation of circuit in general & modification as needed • Give questionnaire to each participation 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

DAY 2 - 18TH OCTOBER

8.10 – 8.30	Procedures on ECMO
8.30 – 8.50	Nursing care & adjunct therapy of patient on ECMO
8.50–9.10	Discussion
9.10 – 10.40	5 station – 30 mins each
	Station – I Mechanical Complications of ECMO – <ul style="list-style-type: none">o Power Failureo Air in circuit
	Station – II Mechanical Complications of ECMO – <ul style="list-style-type: none">o Pump failureo Oxygenator Failureo Demonstration of change of Pump, Oxygenator & Entire Circuit
	Station III – Transport & proning on ECMO
10.40 – 10.50	Coffee break
10.50 – 01.00	Simulation – Cases 2 VV & 2 VA ECMO
01.00 – 01.30	Examination – MCQ Question 40 marks
	Concluding session

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