



64th National Conference of Indian Academy of Pediatrics

# PEDICON 2027 COIMBATORE

Theme: Transforming Young Lives: Digital to Bedside Pediatric Care



January 27th - 31st 2027 | Codissia Trade Fair Complex, Coimbatore, Tamil Nadu

## ECMO PRIMER WORKSHOP

**VENUE:** Kovai Medical Center and Hospital, Coimbatore

**Date-** 27th Jan 2027 | **Time-** 8:00 am to 5:00 pm

WORKSHOP  
REGISTRATION FEE  
**DELEGATE: 2500/-**  
**PG: 2000/-**

### HIGHLIGHTS:

- Understand the different forms of Extracorporeal heart and lung support
- Know the indications of ECMO support in children
- Cannulation strategies in children
- Initiation and maintenance of ECMO support
- Troubleshooting of common scenarios on ECMO
- Anticoagulation strategies for ECMO in children
- ECPR in children
- Weaning and De-cannulation in Pediatric ECMO

### WHO CAN ATTEND?

- Pediatricians
- Pediatric Post Graduates
- Pediatric Intensivists
- Emergency Physicians



### CO-ORDINATORS:

National Co-ordinator: Dr. Shivakumar Shamarao

State Co-ordinator: Dr. Indira Jayakumar

Local Co-ordinators: Dr. Mullui Baalaaji A R | Dr. Kavitha Joseph

**FACULTIES:** Dr. Shivakumar Shamarao | Dr. Indira Jayakumar | Dr. Ramesh Varadarajan |

Dr. Gunaseelan | Dr. Pranay Oza | Dr. Vasanth Kumar S | Dr. Reshma Aramanadka | Dr. Anupama Yerra |

Dr. Parag S Dekate | Dr. Mullui Baalaaji A R | Dr. Kavitha Joseph

# ECMO PRIMER WORKSHOP

SCHEDULE:

| Time                            | Session                                                               |
|---------------------------------|-----------------------------------------------------------------------|
| 8.00am - 8.15am                 | Arrival and Baseline Check<br>Pre-test                                |
| 8.15am - 8.30am                 | Why Are We Here?<br>Setting the Stage                                 |
| 8.30am - 9.00am                 | The Heart-Lung in a Box<br>ECMO Physiology                            |
| 9.00am - 9.30am                 | Who Gets the Circuit?<br>Indications & the Art of Patient Selection   |
| 9.30am - 10.00am                | Blood on a Tightrope<br>Anticoagulation on ECMO                       |
| 10.00am - 10.30am               | Life Support 101<br>Keeping the Patient Alive on ECMO                 |
| 10.30am - 11.00am               | Tea Break                                                             |
| 11.00am - 1.15pm<br>In Rotation | Station A<br>Meet the Machine<br>Hardware & Equipment Walkthrough     |
|                                 | Station B<br>When the Lungs Quit<br>VV ECMO – From Bedside to Circuit |

| Time            | Session                                                                |
|-----------------|------------------------------------------------------------------------|
|                 | Station C<br>When the Heart Quits<br>VA ECMO – From Bedside to Circuit |
| 1.15pm - 2.00pm | Lunch Break                                                            |
| 2.00pm - 2.45pm | The Hardest Conversation<br>Counselling Families on ECMO               |
| 2.45pm - 3.30pm | ECMO on a Budget<br>Making It Work With What You Have                  |
| 3.30pm - 4.15pm | Hot Seat<br>Three Groups, Three Cases, Ten Minutes Each                |
| 4.15pm - 4.30pm | Did We Move the Needle?<br>Post-test                                   |
| 4.30pm - 4.40pm | Tea Break                                                              |
| 4.40pm - 5.00pm | Open House & Send-off<br>Valedictory                                   |



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TO REGISTER!

