

W18



43rd Annual Convention of National Neonatology Forum

Organized by: Neonatology Forum Tamil Nadu Chapter

6th – 8th DECEMBER, 2024

VENUE: KALDAN SAMUDHRA PALACE

PRE CONFERENCE WORKSHOP

CRITICAL CARE MONITORING

Venue: Apollo Children's Hospital, Chennai



Dr. Kiran More
National Coordinator



Dr. Shyamala J
State Coordinator



Dr. Sushma Nangia
President-2024



Dr. V.C Manoj
President Elect-2024



Dr. Surender Singh Bisht
Secretary General 2023-2024



Dr. Amit Upadhyay
Treasurer 2023-2024



Dr. A.T. Arasar Seeralar
Organising Chairman



Dr. S. Srinivasan
Organising Secretary



Dr. M. Vaideeswaran
Organising Treasurer

Hurry up! Only 40 seats available

Scan QR and Register.



FOR ANY QUERY PLEASE CONTACT: Mr. VINAY CHAUHAN ☎: +91 98164 73222

PRE-CONFERENCE WORKSHOP

CRITICAL CARE MONITORING



Venue:

Apollo Children's Hospital, Chennai



Time:

8.30 am to 5.15 pm

FACULTY: Dr. Kiran More | Dr. J Shyamala | Dr. Bhavya Shah
| Dr. Kumar Kumaran | Dr. Sanoj Ali | Dr. Siddhartha Buddhavarapu
| Dr. Bronwyn Dixon | Dr. NB Soni | Dr. Valerie Chock | Dr. Anish Pillai
| Dr. Khorshid Mohammed | Dr. Karthik Nagesh | Dr. Karthik
Balasubramanian | Dr. Vasanth Kumar S

AGENDA

Pre-Workshop (Online) Sessions. 30 November 2024 & 1 December 2024

TIME	TOPIC
7.00-7.10 pm	Introduction to the Course
7.00-10.00 pm	30th November 2024 ; 7pm onwards
7.10-7.30 pm	Foundations of Clinical Monitoring: A Comprehensive Look at basics of monitoring -CRP, Pulses, and Core Temperature Differences"
7:30-8.30 pm	Multimodal assessments of systemic blood flow in infants
8:30 to 9:00 pm	Optimising Oxygen Saturation Targeting in ELBW infants: Prevention of ROP through enhanced monitoring (OSI, Histogram trends, Automated FiO2 control)
9.00-9.30 pm	Oxygen Monitoring in Preterm Infants: Insights from Oximetry and Sleep Studies
9.30-10.00 pm	"Predictive Analytics in Neonatal Monitoring: HERO, COMET, and the Future of AI-Driven Vitals Tracking"
7.00 - 10.00 pm	1st December 2024 ; 7pm onwards
7.00-7.30 pm	"Non-Invasive Cardiac Output Monitoring: Innovations for Newborns and Pediatrics"
8.00-8.50 pm	"NIRS Monitoring: Techniques and Clinical Interpretation in Neonatal Care"
8.50-9.15 pm	"Ensuring Safety During Neonatal Transport: Key Monitoring Strategies"
9.15-10.00 pm	"Cutting-Edge Advances in Neonatal Neurocritical Care Monitoring"
10.00-10.30 pm	"The Evolution of Telemonitoring in Neonatal Care: Current Status and Future Directions"

FOR MORE INFORMATION PLEASE VISIT 🌐: WWW.NEOCON2024.IN

PRE-CONFERENCE WORKSHOP

CRITICAL CARE MONITORING



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AGENDA

TIME

TOPIC

WORKSHOP (At Apollo Children Hospital, Chennai): 05 Dec 2024, 8:30 am - 5.30 pm

8.30-8.40 AM Opening Remarks, Welcome, Introduction to faculties

8.40-9.10 AM Essential Tools in Critical Care: A Review of Basic and Advanced Monitoring Devices"

9.10-9.30 AM "Pulse Oximetry and Oxygen Saturation Index (OSI): Enhancing Accuracy in Neonatal Monitoring"

9.30-9.50 am "Blood Pressure Monitoring in Pediatrics: Interpreting Normograms and Trend Analysis"

10.10-10.40 am "Mastering Pressure Monitoring: Central Venous, Intracranial, and Abdominal Pressure Techniques in neonatal and Pediatric Critical Care"

10.40-11.00 am Innovative Monitoring: Non-Invasive Cardiac Output (ICON) and NIRS in Critical Care"

11.00-11.15 am **TEA BREAK**

11.15-1.15 pm **WORKSTATION ROTATIONS (PRE-LUNCH)**

11.15-1.15 pm Workstation 1: Monitoring During Labour and Delivery Room. (Sats targets, Lifestart trolley/ Panda warmer, NST-decelerations, Pedicaps, Effectiveness of PEEP)

11.15-1.15 pm Workstation 2: Multi-para monitor – trends, Transcut CO2, ETCO2

11.15-1.15 pm Workstation 3: HERO Monitor Hands-On

11.15-1.15 pm Workstation 4: Non-Invasive Cardiac Output Monitoring Techniques- ICON

1.15-1.45 pm **LUNCH BREAK**

1.45-3.45 pm Workstation Rotations (Post-Lunch)

1.45-3.45 pm Workstation 5: NIRS Monitor Applications

1.45-3.45 pm Workstation 6: CVP, Intra- abdominal pressure monitoring (IAP) and Intracranial Pressure Monitoring in Pediatrics

1.45-3.45 pm Workstation 7: Neurocritical Care Monitoring – EEG/NIRS Integration

1.45-3.45 pm Workstation 8: e-FAST Protocol in Emergency Department

3.45-4.00 pm **AFTERNOON TEA BREAK**

4.00-5.00 pm Case-Based Discussions in Neonatal and Pediatric Critical Care

5.00-5.20 pm Quiz on Critical Care Monitoring

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