

in association with



**Mother & Child Institute  
ANDHRA HOSPITALS**

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## Pre conference Workshops W12: Neonatal Critical Care Monitoring Workshop

**W12**

Date: 11<sup>th</sup> December 2025

Time: 09:00am - 05:00pm

Venue: Hotel Rockdale, Waltair main road,

Ram nagar, Visakhapatnam, AP

International Coordinators: **Dr. Sanoj Ali & Dr. N. B. Soni**

National Coordinator: **Dr. Kiran More**

Local Coordinators: **Dr. P. V. Rama Rao, Dr. N. Bhoojata & Dr. V. Siva Kumari**

₹  
**1770/-**  
Incl GST

**Registration Fee**

Pre Workshop  
online classes by  
International & National  
faculty

6<sup>th</sup> & 7<sup>th</sup> December 2025

6:00pm - 9:00pm



**Dr. V.C Manoj**  
President - 2025



**Dr. Lalan K Bharti**  
Chairperson Scientific Committee  
(President Elect-2025)



**Dr. Amit Upadhyay**  
Secretary General  
2025 - 2026

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**Dr. S. Ramprasad**  
Org. Secretary



**Dr. J. Muni Sekhar**  
Treasurer



**Dr. P. Sateesh Kumar**  
Joint Org. Secretary

# Workshop will cover following monitors in depth-

**focussed list of only the important monitors (not accessories) required during critical care monitoring for doctors:**

- Cardiotocography (CTG) monitor
- Multi-parameter monitor (ECG, SpO<sub>2</sub>, BP, temperature)
- Central venous pressure (CVP) monitor
- Intracranial pressure (ICP) monitor
- Near-Infrared Spectroscopy (NIRS) monitor
- EEG monitor
- Non-invasive cardiac output monitor (e.g., electrical cardiometry)
- Ultrasound machine (for e-FAST and point-of-care scanning)
- Transport incubator with built-in monitoring
- Transport ventilator with monitoring display



## Who can attend?

Trainees

MD Paediatrics, DCH residents

Neonatology Fellows

DNB Students

DM, DrNB fellows

Private Practitioners

Researchers

Paediatricians

Neonatologists

Health care professionals & Nurses



# Workshop Programme

- |                |                                                                                                                                                                   |
|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 Paediatrics: Interpreting Nomograms and Trend analysis"                                                                           |
| 10.10-10.40 am | • "Mastering Pressure Monitoring: Central Venous, Intracranial and Abdominal Pressure Techniques in neonatal intensive 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  | • WORK STATION ROTATIONS (PRE-LUNCH)                                                                                                                              |
| 11.15-1.15 pm  | • Workstation 1: Monitoring During Labour and Delivery Room. (Sets targets, Life start trolley/ Panda warmer, NST-decelerations, Pedicels, Effectiveness of PEEP) |
| 11.15-1.15 pm  | • Workstation 2: Multi-para monitor -trends, Trans cut 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 Paediatrics                                              |
| 1.45-3.45 pm   | • Workstation 7: Neuro critical Care Monitoring - EEG/NIRS Integration                                                                                            |
| 1.45-3.45 pm   | • Workstation 8: e-FAST Protocol in Emergency Department                                                                                                          |
| 3.45-4.00 pm   | • AFTERNOON BREAK                                                                                                                                                 |
| 4.00-5.00 pm   | • Case-Based Discussions in Neonatal intensive care                                                                                                               |

## Faculty

Dr. Kiran More

Dr.Sanoj Ali

Dr.N.B.Soni

Dr.Anish Pillai

Dr.Karthik Nagesh

Dr.Karthik Balasubramaniam

Dr.Siddarth Buddhavarapu

Dr. P. V. Rama Rao

Dr. K. Vikram

Dr. N. Bhoojata

Dr. Syed Mudassir

Dr. P. Raghavendra

Dr. V. Siva Kumari

Dr. SK. Moinuddin Chisty

Dr. G. Sarath Chandra

Dr. G.S.Sanghamitra

Dr. K. Raja Ashok

Dr. K. Venkata Ramana

Dr. Chaitnya



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