



KIMS
Cuddles[®]
MOTHER & CHILD CENTRE

Neo CaRe

(Advances in Neonatal Cardio-Respiratory Management)
CPD & Workshop

Organized by KIMS Cuddles in association with **NNF**

Virtual Sessions Date: 18th August 2024 (Sunday) | **Time:** 9 am - 4 pm

Physical Sessions:

Date: 23rd August 2024 (Friday) | **Time:** 9 am - 4 pm

Venue: 5th Floor, Auditorium, KIMS Cuddles, Kondapur

Date: 24th - 25th August 2024 (Saturday & Sunday)

Time: 9 am - 4 pm | **Venue:** Novotel, Hitech City



- Program Highlights:**
- Lectures on a virtual platform
 - Focus on hands-on exposure
 - 1 day dedicated to POCUS (Point of Care Ultrasound) - cardiac and non-cardiac
 - USG-guided vascular access
 - Neurosonogram for detection of IVH/ PVL
 - Point of Care Lung Ultrasound
 - Expert national faculty
 - Recent advances in monitoring in neonatal ICU's - CFM, Invasive BP, NIRS
 - Recent advances in respiratory therapy in neonates - Inhaled Nitric Oxide, LISA

Who should attend?

Pediatricians with an interest in neonatal practice, MD/DNB, pediatric postgraduates, neonatology trainees (DM, DrNB & Neonatal Fellowship) and neonatal consultants

TGMC 5 credit hours awarded

Program Schedule

Virtual Sessions - 18th August 2024 (Sunday)

Time	Topic	Speaker
9:00 - 9:15 am	Introduction & Importance of POCUS	Dr. Venkateshan Sundaram
9:15 - 10:00 am	Basic principles of ultrasound	Dr. Kamal Arora
10:00 - 10:45 am	Know your ultrasound machine	Dr. Murugesan A
10:45 - 11:45 am	ECHO views + methods to optimize and get a good image	Dr. Venkateshan Sundaram
11:45 - 12:00 pm	Tea/ Refreshment	
12:00 - 12:45 pm	Patent ductus arteriosus - assessment and evaluation of severity	Dr. Arvind Sehgal
12:45 - 1:45 pm	Assessment of cardiac function - systolic and diastolic	Dr. Sajan Saini, Dr. Tejo Pratap
1:45 - 2:15 pm	Lunch break	
2:15 - 3:00 pm	Assessment of pulmonary pressures	Dr. Manish Kumar
3:00 - 3:45 pm	Lung ultrasound (normal & common abnormalities)	Dr. Anup Thakur
3:45 - 4:30 pm	Cranial ultrasound for the neonatologist	Dr. Rahul Kadam
4:30 - 5:00 pm	USG to confirm the position of vascular access and ET tube	Dr. Tushar Parikh

Instructions for virtual sessions on 18th August 2024:

- Zoom platform will be used for the virtual sessions.
- Keeping the video "ON" all the time or on request by the moderator is mandatory to get the attendance and certificates.
- Participants should login using a laptop or desktop system only; mobile phones are not permitted.
- Post the questions in the chat box for taking up by the moderator.

Day 1 of CME: 23rd August 2024 (Friday) | Venue: 5th Floor, Auditorium, KIMS Cuddles, Kondapur

Time	Topic	Speaker
8:30 - 9:00 am	Registration and welcome	
9:00 -10:00 am	Recap of the learned topics	Dr. Venkateshan Sundaram
10:00 - 01:00 pm	Workstations (5 concurrent stations)	
10:00 - 11:00 am	Session 1: Practice views and optimization	
11:00 - 12:00 pm	Session 2: Assessment of cardiac systolic functions	
12:00 - 1:00 pm	Session 3: Assessment of morbidities - PDA, Shock and PPHN	
1:00 - 2:00 pm	Lunch	
2:00 - 2:40 pm	Talks: Non-cardiac ultrasound	
2:00 - 2:20 pm	Basics of point of care lung ultrasound and neurosonogram - recap	Dr. Murugesan A
2:20 - 2:40 pm	Other uses of ultrasound - vascular access and ET position - recap	Dr. Tejo Pratap
2:40 - 5:00 pm	Work stations (5 concurrent stations)	
2:40 - 3:30 pm	Session 1: Lung Ultrasound - normal and abnormal	
3:30 - 4:00 pm	Session 2: Using USG for Vascular Access	
4:00 - 4:20 pm	Tea break	
4:20 - 5:00 pm	Session 3: Normal CUS views including Doppler	
5:00 - 7:00 pm	Live demonstration (telecast in the auditorium) from NICU on various views (tea to be served alongside) Extended bedside session in NICU Case presentation/ clinical background, ECHO	Dr. Venkat Kallem Dr. Anup Thakur

There will be 6 groups of faculty (1-5 in the morning, 1-6 in the afternoon)

1. Dr. Venkateshan Sundaram, Dr. Nikhil Tenneti
2. Dr. Anup Thakur, Dr. Vaddi Vamsi Krishna
3. Dr. Tejo Pratap, Dr. H. A. Naveed, Dr. Venkat Kallem
4. Dr. Murugesan A, Dr. Purna Chandra G.
5. Dr. Manish Kumar, Dr. Sudeep Verma
6. Dr. Vijayanand, Dr. C. Aparna

Program Schedule

Day 2 CME: 24th August 2024 (Saturday) | Venue: Novotel, Hitech City

Time	Topic	Speaker
8:30 - 9:00 am	Recap of the previous day's sessions	Dr. Venkateshan Sundaram Dr. Anup Thakur
9:00 - 9:30 am	High-frequency ventilation - Principles, Indications, Settings & Monitoring	Dr. Venkateshan Sundaram
9:30 - 10:00 am	Newer methods of surfactant administration	Dr. Suman Rao P.N.
10:00 - 10:30 am	Pulmonary graphics	Dr. Chandrakumar
10:30 - 11:00 am	Newer modes of non-invasive ventilation (S-NIMV, nasal HFOV)	Dr. Srinivas Murki
11:00 - 1:00 pm	Workstations x 4 (each 30 min) Two concurrent groups	Chair persons: Dr. Damera Yadaiah Dr. Swapna L, Dr. Vijayanand NNF TS Office Bearers
11:00 - 11:30 am	Station 1: High-frequency ventilation - demonstration	Dr. Venkateshan Sundaram Dr. Purna Chandra G. Dr. Murugesan A Dr. Aravinda Lochani T
11:30 - 12:00 pm	Station 2: Inhaled Nitric oxide for PPHN	Dr. Chandrakumar Dr. Vaddi Vamsi Krishna Dr. C. Aparna Dr. H. A. Naveed
12:00 - 12:30 pm	Station 3: Less invasive surfactant administration	Dr. Suman Rao P.N. Dr. Ram Mohan Dr. Anup Thakur Dr. Nikhil Tenneti
12:30 - 1:00 pm	Station 4: Non-invasive ventilation - newer modes (Nasal HFOV, NIMV)	Dr. Srinivas Murki Dr. Venkat Kallem Dr. Tejo Pratap Dr. Praveen Rao
1:00 - 2:00 pm	Lunch	
2:00 - 2:45 pm	Basics of post-operative management after open heart neonatal surgeries	Dr. Nagarajan. R Chairperson: Dr. Sugunakar Reddy Dr. RSV Sri Krishna Dr. NL Sridhar IAP TCB Office Bearers
2:45 - 4:45 pm	Workstations	
2:45 - 3:15 pm	Station 1: Invasive Blood pressure - connections	Dr. Nagarajan. R Dr. Vaddi Vamsi Krishna Dr. Suman Rao P.N. Dr. Nikhil Tenneti
3:15 - 3:45 pm	Station 2: NIRS in neonatal units (Volunteer)	Dr. Venkateshan Sundaram Dr. Purna Chandra G. Dr. Anup Thakur Dr. H. A. Naveed
3:45 - 4:15 pm	Station 3: Cerebral function monitoring/ aEEG (volunteer)	Dr. Chandrakumar Dr. Aravinda Lochani T Dr. Srinivas Murki Dr. Venkat Kallem
4:15 - 4:45 pm	Station 4: Simulation - acute deterioration	Dr. Vijayanand Dr. C. Aparna Dr. Murugesan A Dr. Praveen Rao

Program Schedule

Day 3: 25th August 2024 (Sunday) | Venue: Novotel, Hitech City

Application of POCUS in day-to-day practice

Time	Topic	Speaker
8:30 - 9:00 am	Volume ventilation	Dr. C. Aparna
9:00 - 9:30 am	Defining shock - role of BP and beyond - case scenarios	Dr. Venkatesheshan Sundaram
9:30 - 10:00 am	Role of functional echocardiography in NICU (virtual)	Dr. Arvind Sehgal
10:00 - 11:30 am	Workstations (each half an hour)	
10:00 - 10:30 am	Pulmonary graphics	Dr. Venkatesheshan Dr. Sindu Maru Dr. Srinivas Murki Dr. Jagan Mohan
10:30 - 11:00 am	Know your machines - NAVA, automated FIO2 control, newer AI-based apps for monitoring	Dr. Chandrakumar Dr. Purna Chandra G. Dr. Murugesan A Dr. Vaddi Vamsi Krishna
11:00 - 11:30 am	Neonatal ECMO	Dr. Aparna Dr. Bhavani Deepthi Dr. Anup Thakur Dr. Nasreen Banu
11:30 - 12:00 pm	Break	
12:00 - 1:00 pm	Panel discussion - Role of ECHO and LUS in neonatal ICUs: Case-based discussion	Moderator: Dr. Venkatesheshan Sundaram Panelists: All faculty
1:00 - 1:30 pm	Valediction followed by Lunch	

Central NNF Organizing Team



Dr. Sushma Nangia

President

National Neonatology Forum



Dr. Surender Singh Bisht

Secretary General

National Neonatology Forum



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Sundaram

PGIMER,

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Dr. Srinivas Murki

Paramitha Hospital



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Dr. Murugesan A

JIPMER, Puduchery



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Paramitha Hospital



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Dr. Nasreen Banu

Ankura Hospital, Hyderabad



Dr. Praveen Rao

Cloudnine Hospital

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Dr. Jagan Mohan

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Dr. H. A. Naveed

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Dr. Nikhil Tenneti

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Dr. Vaddi Vamsi Krishna

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Dr. Nagarajan. R

KIMS Cuddles,

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Dr. Aravinda Lochani T

Consultant Neonatologist

and Pediatrician

KIMS Cuddles, Kondapur



Dr. Purna Chandra G.

Consultant Neonatologist

& Pediatrician

Virtual Faculty



Dr. Arvind Sehgal

Paediatrics Monash Health,

Australia



Dr. Tushar Parikh

Consultant Pediatrician,

Pune



Dr. Sajjan Saini

PGI, Chandigarh



Dr. Kamal Arora

Consultant Pediatrician,

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Dr. Rahul Kadam

Consultant Pediatrician,

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Organizing Team



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Type of account : Current Account

For registration call:

Dr. Vaddi Vamsi Krishna (97790 26335) | Mr. Sreekanth (72075 71863)
Mr. Dilip Kumar (7993989666)

For assistance and guidance for accommodation:

Dr Rohini, HOD, Operations, KIMS Cuddles, Kondapur (Ph: 7396233301)