

W11



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

**ADVANCED FUNCTIONAL ECHO
AND CRITICAL CARE ULTRASOUND**

Venue: Chettinad Medical College, Chennai



Dr. Venkateshan Sundaram
National Coordinator



Dr. Giridhar,
State Coordinator



Dr. Monisha
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

ADVANCED FUNCTIONAL ECHO AND CRITICAL CARE ULTRASOUND



Venue:

Chettinad Medical College, Chennai (Virtual)



Time:

8.00 am to 5.45 pm

FACULTY: Dr. Anup Thakur | Dr. Arvind Sehgal | Dr. Kamal Arora
| Dr. Manish Kumar | Dr. Manoj Modi | Dr. Murugesan | Dr. Rahul
Kadam | Dr. Tejo Pratap | Dr. Tushar Parikh | Dr. Usha Devi
| Dr. Venkateshan Sundaram

AGENDA

DAY 1 - DECEMBER 1 (ALL VIRTUAL)

TIME

TOPIC

DAY 1 – DECEMBER 1 (SUNDAY) (ALL VIRTUAL)

8.00-8.30 am	Logging in and setting the stage
8.30-8.45 am	Welcome by NNF-President & Secretary Introductions by Coordinators
8.45-9.15 am	POCUS: Sea of Changes over last ten years
9.15-10.00 am	The basics of USG - Part 1 - physics & machine
10.00-10.45 am	The basics of Echo – Part 2 – Anatomy & Views
10.45-11.00 am	TEA BREAK
11.00-11.45 am	Assessing the heart : Systolic & diastolic functions – standard & advanced
11.45-12.30 pm	Tissue Doppler assessment - basics and applications
12.30-1.15 pm	Diagnosing & assigning hemodynamic significance to PDA
1.15-1.30 pm	LUNCH BREAK
1.30–2.15 pm	Identifying PAH and echo-guided decision making for treatment
2.15-2.45 pm	Lung ultrasound – basics of imaging, normal newborn lung patterns
2.45-3.20 pm	Lung ultrasound – abnormal patterns in neonates
3.20-3.25 pm	TEA BREAK
3.25-4.15 pm	Cranial ultrasound – anatomy and views
4.15-5.00 pm	Cranial ultrasound – abnormalities
5.00-5.30 pm	Other applications – vascular, ETT, collections
5.30-5.45 pm	Open house – doubts and clarifications

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

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AGENDA

DAY 2: DECEMBER 4 (WEDNESDAY)(PHYSICAL)

TIME	TOPIC
8.30-9.00 am	Welcome and breakfast
9.00-9.45 am	Recapitulation of cardiac module
9.45-11.00 am	Workstation – Theme (Cardiac basics – views and optimization) 5-6 stations – eac station 6-8 participants max. All teach the same; no rotation in between
11.00-11.30 am	TEA BREAK
11.30-1.00 pm	Workstation – Theme (Assessment of cardiac functions – systolic and diastolic)
1.00-2.00 pm	Live session in NICU – Theme (Assessment of ductus arteriosus, and PAH)
2.00-2.30 pm	LUNCH BREAK
2.30-4.00 pm	Workstation – Theme (Assessment of ductal significance and pulmonary pressures)
4.00-4.30 pm	Assessment of a neonate with shock
4.30-5.30 pm	Case based discussions – 2 cases

DAY 3 – DECEMBER 5 (THURSDAY) (PHYSICAL)

8.45-9.30 am	Recapitulation of what we have learnt about LUS and CUS
9.30-11.00 am	Workstation – Theme (Normal anatomy and views CUS)
11.00-11.30 am	TEA BREAK
11.30-1.00 pm	Workstation – Theme (Normal anatomy and patterns LUS)
1.00-1.45 pm	LUNCH BREAK
1.45-2.30 pm	Live session (LUS, CUS, vascular anatomy, endotracheal tube)
2.30-3.15 pm	Workstation – Theme (open station for any sort of clarification/practice)
3.15-3.45 pm	POCE/POCUS – regulations, PNDT and training requirements
3.45-4.30 pm	Echo screening for structural congenital heart disease – what a neonatologist should know?
4.30-5.00 pm	Assembly, valediction, certificates, feedback

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