



Chettinad

Academy of Research & Education
(Deemed to be University Under Section 3 of the UGC Act 1956)



Chettinad

Hospital & Research Institute

Departments of Neonatology & Cardiology

POINT OF CARE NEONATAL ECHOCARDIOGRAPHY

Hands on workshop

By International and National faculties

5th & 6th August, 2015

08.30 am - 05.30 pm

Venue: Chettinad Health City



Organized by

Departments of Neonatology & Cardiology

Chettinad Hospital & Research Institute, OMR Road, Kelambakkam,
Kancheepuram Dist. - 603 103.

www.chettinadhealthcity.com/workshop

Faculty

Dr. Amuchou Soraisham

Associate Professor of Pediatrics

Section of Neonatology, Cumming School of Medicine, University of Calgary, Canada.

Dr. Arul Narayanan

Consultant Pediatric and Adult Congenital Cardiologist

Fortis Hospitals, Chennai.

Dr. Mangala Bharathi

Prof & HoD Department of Neonatology

Institute of Child Health, Madras Medical College, Chennai

Dr. Mohit Sahni

Director - Academics and NICU, Consultant Neonatal Cardiologist & Neonatologist and Neonatal development follow up (Bailey III),

Nirmal Hospital, Surat

Dr. Ramakrishnan

HoD & Consultant Neonatologist, Women's Centre

Coimbatore

Dr. Tushar Parikh

Consultant Neonatologist

Columbia Asia Hospital, Pune

Dr. Venkateshan Sundaram

Assistant Professor

Newborn unit, Dept. of Pediatrics, PGIMER, Chandigarh.

Chettinad Super Speciality Hospital

Dr. Pradeep G Nayar

Prof. & HoD Department of Cardiology

Dr.K. Srinivasan

Prof. & HoD Department of Neonatology

Dr. M. Rathinasamy

Prof. Department of Neonatology

Dr. S. Giridhar

Assoc. Prof. Department of Neonatology

Dr.S. Manikumar

Asst. Prof. Department of Neonatology

Day 1 August 5th (Wednesday)

Time	Topic
8.30 am - 9.00 am	Registration (no spot registration)
9.00 am - 9.20 am	Introduction
9.20 am - 9.50 am	Functional Echocardiography – What it is? & What it is not?
9.50 am - 10.20 am	Basic physics & principles of Ultrasonography
10.20 am - 10.45 am	2D, M mode, Color flow and Doppler Ultrasonography
10.45 am - 11.05 am	Basic features of ultrasound scanner
11.05 am - 11.30 am	Tea break
11.30 am - 12.00 pm	Normal Cardiac Anatomy – 2 D and 3 D Orientation
12.00 pm - 12.30 pm	Standard Echocardiographic views
12.30 pm - 1.45 pm	Views & related sweeps (Instructor Demonstrated)
1.45 pm - 2.30 pm	Lunch
2.30 pm - 3.45 pm	Views & related sweeps Image acquisition and optimization (Hands-on)
3.45 pm - 4.15 pm	Tea break
4.15 pm - 4.45 pm	Indications for a Point of Care Echo
4.45 pm - 5.05 pm	Training/Experience to perform a Point of Care Echo – Indian group recommendations
5.05 pm - 5.30 pm	Reporting/Archiving requirements – Indian group recommendations

Day 2 – August 6th (Thursday)

Time	Topic
9.00 am - 9.30 am	PDA-diagnosis & Assessment of Hemodynamic significance (case study based presentation)
9.30 am - 10.30 am	PDA-diagnosis & Assessment of Hemodynamic significance (hands on)
10.30 am - 10.45 am	Assessment of Cardiac Systolic Function
10.45 am - 11.00 am	Assessment of Cardiac Diastolic Function
11.00 am - 11.20 am	Tea break
11.20 am - 12.20 pm	Systolic & Diastolic Function (hands on)
12.20 pm - 12.45 pm	Assessment of preload status Assessment of outputs – LV, RV and SVC
12.45 pm - 1.45 pm	Preload status Output measurement (Hands on)
1.45 pm - 2.15 pm	Lunch
2.15 pm - 2.45 pm	Assessment of pulmonary pressures Impact of pulmonary pressures on RV function
2.45 pm - 3.45 pm	Assessment of pulmonary pressures (hands on)
3.45 pm - 4.00 pm	Tea break
4.00 pm - 4.45 pm	Case study – discussion of three common clinical scenarios
4.45 pm - 5.15 pm	Non-Cardiac utility of Ultrasonography
5.15 pm - 5.30 pm	Open house/discussions
5.30 pm - 5.45 pm	Valedictory

Address for correspondence

Organising Secretary : Dr. S. Giridhar
Dept of Neonatology

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REGISTRATION FORM

Full name (Captial) :

Designation :

Med. Reg No. :

Educational Qualification :

Contact address :

Email ID :

Contact number :

The duly filled application form in the above format can be sent to us either by email, courier.

Registration and payment :

Registration is limited to 25 participants only
Registration by filling in registration form
Registration fee to be paid by online bank transfer.
Submitted registration will be followed by receipt
when the registration fee is confirmed as received
Registration fee : Rs 5000/-

Bank Details:

To Account : Chettinad Hospital & Research Institute
Bank : HDFC Bank – Kelambakkam Branch
A/c. No : 20751450000028
Ifsc code : HDFC0002075

Department of Cardiology

Dr. Pradeep G Nayar
Dr. Arumugam C
Dr. Chokalingam M
Dr. Ganesh N

Department of Neonatology

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Dr. Rathinasamy M
Dr. Giridhar S
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