



(SCAN Workshop)

SONOGRAPHIC CLINICAL ASSESSMENT OF THE NEWBORN

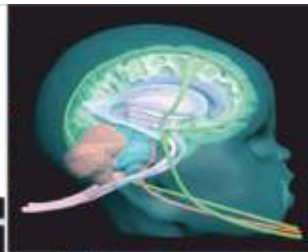
DEPARTMENT OF NEONATOLOGY

Yashoda Super Speciality Hospital, Kaushambi, Seminar Hall, 1st Floor
23rd March 2023 (Thursday) 08:00 AM to 04:00 PM

This is a simulation based workshop where state of the art neonatal simulators (phantoms and virtual reality technology) will be used. SCAN India workshop aims at providing sonographic skills needed in routine and advanced management of high risk neonates. This includes functional echocardiography to assess cardiac dysfunction, ultrasound brain to pick up severe grade intraventricular hemorrhages and ventricular dilatation. This workshop will also include ultrasound guided central venous line insertion and lung ultrasound to pick up air leaks and severe RDS in neonates. We will also provide hands on training in sonographic guided tapping of bladder and cardiac tamponade on phantoms and manikins. This workshop will eventually help in better bed side management of sick neonates.

Welcome to our hands-on, simulation-based point of care ultrasound workshop with state-of-the-art neonatal simulators (phantoms and virtual reality technology).

Head US simulator using VR and phantom technology



The objective is to introduce participants to the application of ultrasonography as a bedside tool to help answer targeted clinical questions and improve procedural success.



US guided line insertion using blue phantom technology



Cardiac US simulator

Opportunity will be provided for hands-on practice, using simulators developed by the group in collaboration with computer scientists and bioengineers.



Bladder & Vascular Access US using phantom technology

The instructors are a group of neonatologists from Canada & India with specific training and expertise in point of care neonatal ultrasound.

Workshop Faculty

INTERNATIONAL FACULTY



Dr. Essa Al Awad

MD, DCH, MSc, FABP, FSBP, FRCP (Edin),
FRCPCH (UK)
Clinical Professor, University of Calgary,
Chairman SCAN Training Program



Dr. Ayman Abou Mehrem

MD, FABP, MSc (Health Informatics)
Clinical Associate Professor, Pediatrics,
Cumming School of Medicine,
University of Calgary



Dr. Sumesh Thomas

MBBS, DCH, FRCP (Edin),
FRCPCH (UK), FRCPC
Clinical Professor, University of Calgary
Co-founder of the SCAN program.



Dr. Prashanth Murthy,

MD, MSc, FRCPCH (UK), FRCP (Edin)
Clinical Associate Professor,
University of Calgary
Co-founder of the SCAN program

NATIONAL FACULTY



Dr. Ashish Jain

MBBS, MD (Ped), DNB (Ped), DM (Neonatology):
AIIMS, MNAMS, FNNF
Associate Professor (Neonatology)
Maulana Azad Medical College &
Associated Lok Nayak Hospital, New Delhi



Dr. Anup Thakur

MD (Paediatrics), DNB (Neonatology)
Senior Consultant Neonatologist/
Associate Prof (GRIPMER)
Sir Ganga Ram Hospital,
New Delhi



Dr. Kumar Ankur

MBBS, MD (Paediatrics), DNB (Neonatology)
Associate Director & HOD
Department of Neonatology, BLK MAX Super Speciality Hospital, Delhi

COURSE COORDINATOR:



Dr. Deepika Rustogi

MBBS, MD pediatrics (MAMC, University of Delhi)
Fellowship in Neonatal Perinatal Medicine
(University of Calgary, Canada), SEAP
Senior Consultant Neonatology,
Yashoda Super Speciality Hospital, Kaushambi

NATIONAL COORDINATOR:



Dr. Naveen Parkash Gupta

MBBS, MD Pediatrics, DNB Neonatology
Fellowship in Neonatal Perinatal Medicine
(BC Children's Hospital, Vancouver)
Sr Consultant Madhukar Rainbow Children's
Hospital, Malviya Nagar, Delhi

Workshop Agenda

- 08:00 – 08:30 AM Registration/Breakfast
09:30 – 08:45 AM Course overview
Prof. Essa Al Awad
08:45 – 09:15 AM Philosophy of SCAN
Prof. Sumesh Thomas
09:15 – 09:30 AM Basics of ultrasonography
Prof. Essa Al Awad
09:30 – 10:00 AM Neonatal Head Ultrasound
Prof. Prashanth Murthy /Local Faculty
10:00 – 10:30 AM Basics of the lung ultrasound
Prof Ayman Abou Mehrem
10:30 – 10:45 AM Coffee break
10:45 – 11:00 AM Basics of cardiac anatomy from the perspective of SCAN
Local Faculty
11:00 – 11:15 AM Assessment of hypovolemia and cardiac function
Prof. Essa Al Awad / Local Faculty
11:15 – 11:30 AM Assessment of PDA
Local Faculty

- 11:30 – 11:45 PM Assessment of UVC position
Local Faculty
11:45 – 12:10 PM Urinary bladder, vascular access, and cardiac tamponade
Prof. Sumesh Thomas
12:10 – 12:30 PM Q&A Faculty delegate interaction
12:30 – 01:00 PM Lunch

HANDS-ON SIMULATION-BASED STATIONS

- 01:00 – 04:00 PM Professors: - Essa Al Awad, Ayman Abou Mehrem,
Prashanth Murthy, Sumesh Thomas and Local Faculty
- Station 1: Cardiac ultrasound and cardiac anatomy views (30 min)
 - Station 2: UVC line placement (20 min)
- Coffee break (10 min)
- Station 3: Lung ultrasound (20 min)
 - Station 4: Cardiac tamponade, vascular access, and bladder tap (20 min)
 - Station 5: Head Ultrasound 1 & 2 (30 min)
- 03:30-04:00 PM Conclusion and Feedback, Issuing certificates and group photo

“Registration Open Now” Details on page 3

Pediatric & Neonatology Trainees Please Contact

Dr Deepika Rustogi : +91 9891224310 • Email : drdeepikaneo@gmail.com

Registration Detail

- Early Bird Registration (till 28th Feb 2023) Rs 3000/-
 - 1st March Onward 3500/-
 - On spot registration Rs 4000/-

For Online Transfer:

@YASHODA SUPER SPECIALITY HOSPITALS

TID No. 64012048



Bank Details are:

1	Name of the A/C Holder	: Yashoda Super Speciality Hospitals Pvt. Ltd.
2	Bank Name	: Bank of India
3	Full Bank Account Number	: 710220110000666
4	IFSC Code	: BKID0007102
5	MICR NO-	: 110013077
6	Account Type (Saving/Current)	: Current A/c
7	Bank Address	: Kaushambi Branch, Dist. Ghaziabad – 201010, UP

**Please share the Transaction Detail, once registered, with
Dr Deepika Rustogi : +91 9891224310 Email : drdeepikaneo@gmail.com**