64th National Conference of Indian Academy of Pediatrics

PEDICON 2027 COIMBATORE

Theme: Transforming Young Lives: Digital to Bedside Pediatric Care

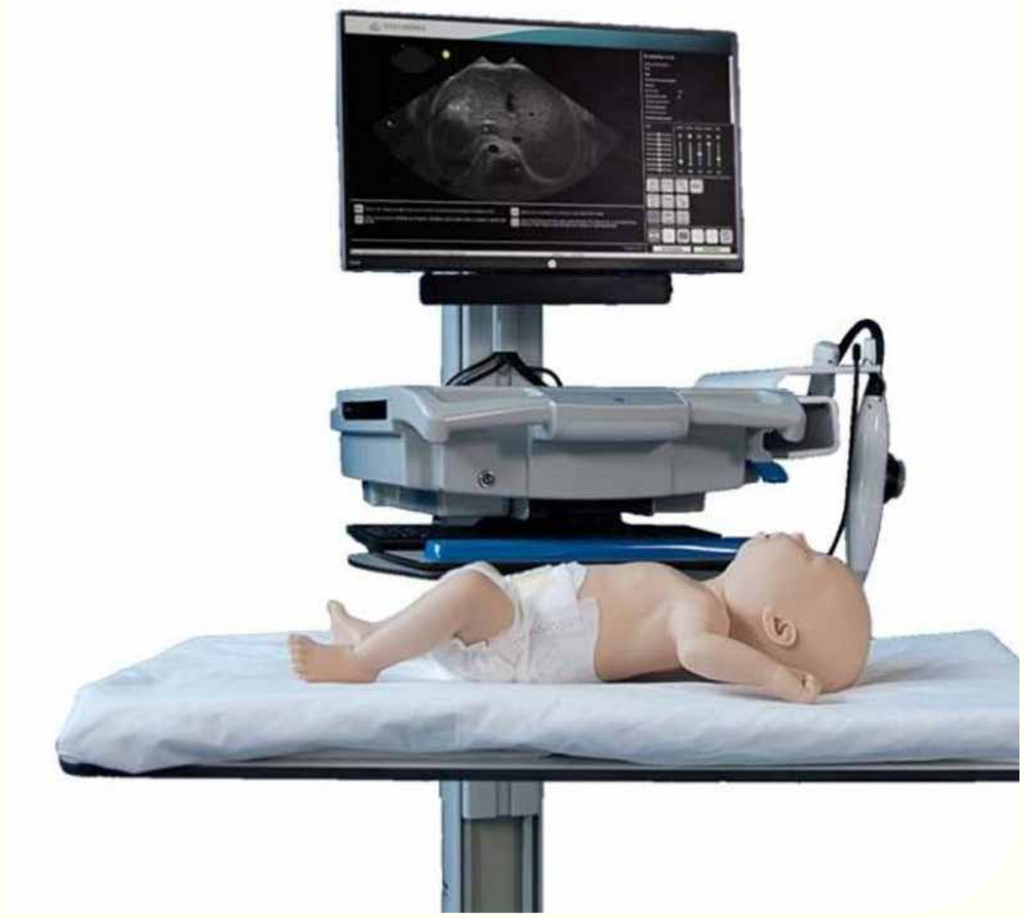
January 27th - 31st 2027 | Codissia Trade Fair Complex, Coimbatore, Tamil Nadu

HANDS-ON PAEDIATRIC & NEONATAL ECHOCARDIOGRAPHY WITH BABY WORK SIMULATOR WORKSHOP

VENUE: Velumaniammal Auditorium, Sri Ramakrishna Hospital, Coimbatore
Date- 27th Jan 2027 | Time- 8:30 am to 4:30 pm

WORKSHOP CONCEPT

- 40 Delegates → 4 Groups → 4 Stations → 10 Delegates per Group. Each group rotates through all four stations, with 90 minutes at each station. The workshop is completely hands-on, focusing on image acquisition, interpretation and bedside decision-making.



CHIEF MENTOR & TEACHER: Dr. Sivakumar K
Renowned Paediatric Cardiologist, Madras Medical Mission, Chennai
Chief Mentor & Teacher | Overall Workshop Moderator

CO-ORDINATORS:
National Co-ordinator: Dr. Srinivas L | State Co-ordinator: Dr. Mani Ram Krishna
Local Co-ordinators: Dr. Devaprasath S | Dr. Vinoth Doraiswamy

FACULTIES: Dr. Devaprasath S | Dr. Mani Ram Krishna | Dr. L Srinivas | Dr. M. Kalyanasundaram
Dr. Minoti Kale | Dr. Sanchitha Harini G | Dr. Vinoth Doraiswamy

HANDS-ON PAEDIATRIC & NEONATAL ECHOCARDIOGRAPHY WITH BABY WORK SIMULATOR WORKSHOP

PHYSICAL WORKSHOP PROGRAMME

Time	Programme
8.30am – 9.00am	Registration & Tea
9.00am – 9.15am	Welcome Address & Workshop Orientation – Dr. Devaprasath S
9.15am – 10.45am	HANDS-ON ROTATION 1 – All 4 Stations
10.45am – 12.15pm	HANDS-ON ROTATION 2 – All 4 Stations
12.15pm – 1.45pm	HANDS-ON ROTATION 3 – All 4 Stations
1.45pm – 3.15pm	HANDS-ON ROTATION 4 – All 4 Stations
3.15pm – 4.15pm	Case Discussions + Echo Report Interpretation + Post-Test & Baby Work Simulator
4.15pm onwards	Valedictory & Feedback – All Faculty

HANDS-ON STATION DESIGN

STATION 1 – NEONATAL ECHOCARDIOGRAPHY
Faculty Heads: Dr. Vinoth Doraiswamy | Dr. M. Kalyanasundaram
Hands-on focus:
- Standard Neonatal Echo Windows;
- Probe Orientation And Positioning;
- PDA Assessment;
- PPHN Assessment;
- Basic Haemodynamic Assessment.

STATION 2 – CRITICAL CONGENITAL HEART DISEASE
Faculty Heads: Dr. Mani Ram Krishna | Dr. Devaprasath S
Hands-on focus:
- Duct-Dependent Lesions;
- Arch Assessment;
- Pulmonary Blood Flow;
- Recognition Of Critical CHD;
- Bedside Decision-Making.

STATION 3 – FUNCTIONAL ECHO / PICU
Faculty Heads: Dr. Srinivas L | Dr. Minoti Kale
Hands-on focus:
- LV/RV function;
- Volume status;
- Pericardial effusion;
- Pulmonary hypertension;
- Functional assessment in critically ill children.

STATION 4 – PAEDIATRIC STRUCTURAL ECHO
Faculty Heads: Dr. Sivakumar K – Chief Mentor & Teacher | Dr. Sanchitha Harini G
Hands-on focus:

- Asd/Vsd/Pda;
- Outflow Tracts;
- Structural Abnormalities;
- Doppler Assessment;
- Systematic Interpretation;
- Clinical Correlation.

03:15 – 04:15 PM | FINAL ASSESSMENT & INTEGRATION
03:15 – 03:45 PM – Case Discussions & Echo Report Interpretation
Faculty: Dr. Minoti Kale | Dr. Sanchitha Harini G | Dr. Vinoth Doraiswamy
Moderated by: Dr. Sivakumar K – Chief Mentor & Teacher

03:45 – 04:15 PM – POST-TEST: BABY WORK SIMULATOR
Practical assessment of probe handling, imaging planes, recognition of abnormalities, structured echo assessment, clinical interpretation and bedside decision-making.
Faculty: Dr.Mani Ram Krishna | Dr. Sanchitha Harini G | Dr. Vinoth Doraiswamy
Moderator: Dr. Sivakumar K

LEARN • SCAN • INTERPRET • DECIDE



ONLINE THEORY PROGRAMME
Paediatric Echocardiography Hands-on Workshop
Single-Day Online Theory Session – 1 Week Prior to the Hands-on Workshop

IMPORTANT – MANDATORY ONLINE THEORY COMPONENT

- The online theory programme is a compulsory component of the workshop and must be attended by all delegates.
- The session will be conducted one week prior to the hands-on workshop.
- Recordings of the sessions will be provided to registered delegates for revision; however, attendance at the scheduled online programme is mandatory.
- Delegates are expected to complete the online theory component before attending the hands-on stations.

ONLINE THEORY AGENDA

Time	Topic	Faculty
9:00 – 9:15 am	Welcome & Overview	Dr. Devaprasath S
9:15 – 9:45 am	Basics of Echocardiography: Standard Views & Machines	Dr. Sanchitha Harini G
9:45 – 10:15 am	Assessment of PDA & PPHN in Neonates	Dr. Mani Ram Krishna
10:15 – 10:30 am	Break	
10:30 – 11:15 am	Echocardiography in Duct-Dependent Congenital Heart Disease	Dr. L Srinivas
11:15 – 12:00 pm	Functional Echocardiography in PICU	Dr. Minoti Kale
12:00 – 12:30 pm	Structural Heart Disease & Echo Interpretation	Dr. Vinoth Doraiswamy
12:30 – 1:00 pm	Q&A + Wrap-up	Dr. Mani Ram Krishna + All Faculty

Programme Objective
To provide a structured theoretical foundation before the hands-on workshop, covering basic echocardiographic views and equipment, neonatal assessment, duct-dependent congenital heart disease, functional echocardiography in PICU, and interpretation of structural heart disease.

ATTENDANCE AT THE ONLINE THEORY PROGRAMME IS COMPULSORY.

Contact: +91 74185 92027
Email: nationalpedicon2027@gmail.com
Website: www.pedicon2027.com

SCAN THE QR TO REGISTER!