



in association with



Cordially invites you to

WORKSHOP

NULS

NATIONAL ULTRASOUND LIFE SUPPORT



May 03, 2026 | 9 am to 6 pm
9th Floor, Auditorium-1, Yashoda Hospitals, Secunderabad

Conference Highlights

- Integrate Point-of-Care Ultrasound (POCUS) into Emergency Workflows
- Achieve Competency in Core Protocols: FATE, RUSH, BLUE, FAST/eFAST
- Develop Proficiency in Image Acquisition, Interpretation, and Clinical Decision-Making
- Apply Ultrasound in Critical ED Scenarios (Shock, Trauma, Arrest, Dyspnea)

Registration Fees ₹ 2500/-
(Limited Seats Available)

RSVP:

Dr. Satish Argye - 967 672 6624
Dr. A Sujender Rao - 799 787 7700
Dr. Y K Tharuna Shree - 957 312 4500

BLOCK YOUR DATE

APPLIED FOR TGMC CREDIT POINTS

YASHODA CENTER OF
**EXCELLENCE
IN EMERGENCY
MEDICINE**



in association with



PATRON



Dr. Pavan Gorukanti, MD
Pulmonary & Critical Care (ABIM)
Director - Yashoda Hospitals

CHIEF GUEST



Dr. Lingaiah
Director - Medical Services
Yashoda Hospitals

UNIT HEAD



Dr. Vijay Kumar
Yashoda Hospitals, Secunderabad

ORGANISING COMMITTEE



Dr. T S Srinath Kumar
Sr. Consultant & Group Head,
Department of Emergency Medicine
Yashoda Hospitals



Dr. Malaya Kumar Mishra
HOD - Emergency Medicine
Yashoda Hospitals, Secunderabad

ORGANISING TEAM



Dr. Satish Argey
Consultant Emergency Medicine
Yashoda Hospitals, Secunderabad



Dr. Sanapureddy Sravani
Clinical Head,
Emergency Medicine
Yashoda Hospitals, Somajiguda



Dr. Tejasvi Chikatta
Sr. Consultant & HOD,
Dept. of Emergency Medicine
Yashoda Hospitals, Hitec City



Dr. Sai Kiran
Consultant & HOD,
Dept. of Emergency Medicine
Yashoda Hospitals, Malakpet



Dr. Tharuna shree



Dr. Siddharth



Dr. Aditya



Dr. Vamshi



Dr. Manikant



Dr. Arepally Sujender Rao



in association with



SEMI STATE BOARD MEMBERS - TELANGANA



Dr. Seema Nilak Pulla
President



Dr. Siddharth Marda
Vice President



Dr. Praneeth Oladri
General Secretary



Dr. Naveen Reddy Nimmala
Joint Secretary



Dr. Kiran Kumar Varma
Treasurer

SEMI-NATIONAL BOARD



Dr. Sree Sowjanya P
National President



Dr. S. Saravana Kumar
Immediate Past President
& Executive Co-Chair



Prof. Dr. M. Rajadurai
National Secretary



Dr. Sandeep Gore
Joint Secretary



Dr. Sai Surendar
National Treasurer



Dr. Sanjay Jaiswal
VP - North



Dr. Ramyajit Lahiri
VP - East



Dr. Ajay Mishra
VP - Central



Dr. Naga Nischal
VP - South



Dr. Sweta Tyagi
VP - West



Dr. T S Srinath Kumar
Chair - Academic



Dr. Imron Subhan
Chair - Governance



in association with



PROGRAM SCHEDULE

May 03, 2026

08:00 am - 08:30 am		: Registration
08:30 am - 09:00 am	Topic	: Pre-Test <ul style="list-style-type: none">• MCQ-based assessment (10-15 questions)• Baseline evaluation: physics, probe selection, knobology
09:00 am - 09:30 am	Topic	: Introduction to POCUS in Emergency Medicine <ul style="list-style-type: none">• Role & scope in ED practice• Machine basics (knobology)• Probe selection & image optimization• Artifacts & limitations• Patient safety considerations
09:30 am - 10:30 am	Topic	: Cardiac Ultrasound - FATE Protocol Core Views <ul style="list-style-type: none">• Subxiphoid• Parasternal Long Axis (PLAX)• Parasternal Short Axis (PSAX)• Apical 4-Chamber : Clinical Applications: <ul style="list-style-type: none">• Pericardial effusion & tamponade• LV systolic function estimation• RV strain (suggestive of pulmonary embolism) : Hands-on Station 1 (Parallel Small Groups) <ul style="list-style-type: none">• Supervised scanning on live models• Image acquisition and interpretation
10:30 am - 10:45 am		: Tea Break
10:45 am - 12:00 pm	Topic	: RUSH Protocol - Ultrasound in Shock Approach: <ul style="list-style-type: none">• Pump-Tank-Pipes Components: <ul style="list-style-type: none">• Cardiac contractility assessment• IVC collapsibility• Lung ultrasound (wet vs. dry)• Aorta (AAA screening)



in association with



PROGRAM SCHEDULE

May 03, 2026

Clinical Integration: Differentiation:

hypovolemic, cardiogenic, & obstructive shock

Hands-on Station 2

- Simulated shock scenarios
- Real-time decision-making

12:00 pm - 01:00 pm **Topic**

: Lung Ultrasound - BLUE Protocol Key Concepts:

- A-lines vs. B-lines
- Lung sliding & barcode sign
- Consolidation patterns

Clinical Applications:

- Pneumothorax
- Pulmonary edema
- Pneumonia

Hands-on Station 3

- Lung zone scanning
- Case-based clip discussions

01:00 pm - 01:45 pm

: Lunch Break

01:45 pm - 02:45 pm **Topic**

: Trauma Ultrasound - FAST/eFAST Views:

- RUQ (Morison's pouch)
- LUQ (splenorenal)
- Pelvis
- Pericardium

Extended FAST:

- Pneumothorax detection

Clinical Integration:

- Hemoperitoneum detection
- Decision: OT vs. CT

Hands-on Station 4

- Trauma simulation cases
- Rapid scan execution



in association with



PROGRAM SCHEDULE

May 03, 2026

02:45 pm - 03:30 pm **Topic** : **Ultrasound-Guided Procedures**

- Central venous access
- Peripheral IV cannulation
- Thoracentesis & paracentesis
- Needle visualization techniques (in-plane/out-of-plane)

Hands-on Station 5 (Phantom Models)

03:30 pm - 03:45 pm : **Tea Break**

03:45 pm - 05:45 pm **Topic** : **Rapid Fire Image-Based Clinical Quiz Session Format:**

- Team-based competition (4 groups)
- 25-30 ultrasound images/video clips
- 10-15 seconds per question

Focus: Image - Diagnosis - Immediate Management

: **Quiz Domains Cardiac Arrest (POCUS in CPR)**

- Cardiac activity vs. standstill
- Tamponade/RV strain
- Reversible causes (Hs & Ts)

: **Undifferentiated Shock (RUSH)**

- LV function, IVC patterns
- Shock classification
- Fluid vs. vasopressor decisions

: **Acute Dyspnea (BLUE)**

- A-lines, B-lines
- Pneumothorax (barcode sign)
- Consolidation

Trauma (FAST/eFAST)

05:45 pm - 06:15 pm **Topic** : **Feedback, Debrief & Certification**

- Individual performance review
- Reinforcement of key learning points
- Certificate distribution



CENTER OF EXCELLENCE

