

22nd Emirates Critical Care Conference

**"From Evidence to Excellence:
The Future of Critical Care"**

Basic Echocardiography Course

 **9 May 2026**

 **InterContinental Hotel
Dubai, UAE**



Conference Chairman:
Assoc. Prof. Dr. Hussain Al Rahma



Course Director:
Dr. Zeyad Al Rais



Course Co-Director:
Dr. Ahmed Tarek Aboulkheir

Speakers



Dr. Mohamed Hamed



Dr. Amr Abouelela



Dr. Rami Satti



Dr. Ahmed Gabroun



Dr. Salah Aldeen Roqia

Objectives

- Learn the basic physics and concepts of Ultrasound.
- Understand ultrasound instrumentation and Knobology.
- Demonstrate the role of Echocardiography in the Critical Care setting.
- Learn Transthoracic and basic Transesophageal echo views.
- Topics that will be covered: Physics of ultrasound and Knobology, Basic TTE views, LV and RV function, Basic TEE views, Cardiac Tamponade, Pulmonary embolism and diastolic dysfunction.

Target audience

- Intensivists
- Anesthetists
- Emergency Physicians
- Residents
- Cardiologists
- General Medicine

Program

Lectures Session

- Basic Knobology, Physics and Doppler
- Basic TTE Views for the Intensivist
- LV Systolic Function
- Shock by Echocardiography
- Assessment for Suspected Pulmonary Embolism
- LV Diastolic function.
- RV function
- Cardiac Tamponade and echo-guided pericardiocentesis

Hands-On session

- Basic TTE Views for the Intensivist
- LV Systolic Function (EF/VTI and MAPSE)
- Shock by Echocardiography
- LV Diastolic function and filling pressures
- RV Function (TAPSE and RV size)

Course Registration Fees

Physicians & Non-Physicians

₹ 500

Register Now



Day 2 - 9 May 2026, Saturday **Basic Echocardiography Course**

08:00 - 08:30	Registration	
08:30 - 12:35	Lectures Session	
08:30 - 08:35	Introduction	Ahmed Tarek
08:35 - 09:30	Basic Knobology, Physics and Doppler	Amr Aboelela
09:30 - 09:55	Basic TTE Views for the Intensivist	Rami Satti
09:55 - 10:20	LV Systolic Function	Amr Aboelela
10:20 - 10:35	Coffee Break	
10:35 - 11:00	RV Function and PASP	Salah Roqia
11:00 - 11:25	Assessment of diastolic function and filling pressures	Mohamed Hamed
11:25 - 11:55	Cardiac Tamponade and Echo-guided Pericardiocentesis	Ahmed Gabroun
11:55 - 12:15	Pulmonary Emboilsms	Rami Satti
12:15 - 12:35	Shock By Echocardiography	Ahmed Tarek Aboulkheir
12:35 - 13:15	Lunch Break	
13:15 - 16:00	Hands-On Session	
13:15 - 13:40	TTE Views for the Intensivist (Subcostal + Apical)+ IVC	Rami Satti
13:40 - 14:05	TTE Views for the Intensivist (PLAX + SAX)	Ahmed Gabroun
14:05 - 14:30	LV Systolic Function (EF/VTI)	Amr Aboelela
14:30 - 14:55	Shock	Ahmed Tarek Aboulkheir
14:55 - 15:20	Diastolic function E/A, E/E”)	Mohamed Hamed
15:20 - 15:45	RV function(TAPSE+ PASP)	Salah Roqia
15:45 - 16:00	Course evaluation	
16:00	End of Day 2	