

Core Ultrasound course

Course Director: James Connoly

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When: Thursday, May 23rd 9:00 AM to 6:00 PM

Where: Athens War Museum rooms Rigas Feraios

Course Language: English

Description

HeSEM, in collaboration with EuSEM, will provide a course designed for those who want to explore or refresh their skills in PoCUS as it applies to Emergency Medicine.

The Core Ultrasound course will focus on providing you with the principles of ultrasound scanning and prepare you in using an ultrasound machine. You will understand the Point-Of-Care Ultrasound (PoCUS) applications in Emergency Medicine, the skill requirements for each of the clinical application areas presented and how to apply this knowledge and these skills in obtaining diagnostically useful images across a range of the basic clinical situations.

The course covers:

- Ultrasound physics.
- Knobology (how to operate ultrasound machines)
- Focused Assessment with Sonography for Trauma (FAST)
- Focused Assessment for Abdominal Aortic Aneurysm (AAA)
- Basics on Lung Ultrasound
- Cardiac Echo
- Ultrasound-guided (USG) peripheral and central Intravenous (IV) access
- Echo in Cardiac Arrest

The seminar will maintain an ideal ratio of educators to students.

Key Learning objectives

- Developing an understanding of PoCUS and its role
- Learning its uses in the assessment of ABC in critically ill and injured
- Developing a PoCUS mindset
- Using PoCUS to guide procedures

Benefits

- Confidence to develop in PoCUS

- Small groups allowing maximal exposure
- Join a network of PoCUS community to develop practice

Who should attend?

- Anyone who treats Emergency Medicine patients

Faculty

Renowned emergency physicians with extensive experience in bedside ultrasound and medical education will guide you through this immersive learning experience.

Duration: 8 hours

Course fee: 150€

Number of trainees that will be accepted: 24

Space is very limited, so secure your spot in this transformative course by registering early. Visit the congress website for registration details.

Deadline for registration: May 15th 2024

The course will offer coffee breaks and a light lunch

For further information, click [here](#) or use the following QR code.



Course program

	Level 1 Course
0830	Registration Intro to all
09.00	PoCUS in Context (L) F1
09.20	Physics (L) F2
09.40	HANDS ON (1) Driving a machine Bedside teaching on how to operate machine / artefacts etc
10.10	Lung Scanning (L) F3
10.30	<i>Break</i>
10.50	<i>Circulatory lectures (30 mins) FAST (L) Aorta / IVC (L)</i>
11.20	HANDS ON CIRCULATORY/ LUNG
12.30	Getting Cardiac Views (L)
12.50	LUNCH
13.30	CARDIAC SCANNING 3 by 20 minutes
14.30	US procedures. (L) Needling
14.45	Needling Practice
15.30	<i>coffee</i>
15.40	US in Cardiac Arrest / Shock (L)
16.10	Scenario based Scanning
17.00	Wrap up Training requirements Governance
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