



Echo Crit level I

E-learning format and Simulation Training

COURSE DIRECTORS

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Rita Varudo
Rui Gomes
Rui Plácido
Tomás Lamas

TARGET

Intensive Care
Anesthesiology
Internal Medicine
Cardiology residents or physicians
Other specialities are possible

LOCATION

UpEvents (e-learning)

CUF Simulation Center is located
at CUF Tejo Hospital (Hands-on)

REGISTRATION FEE

E-learning: 290€

E-learning + Hands-on Simulation
Training: 550€

REGISTRATION HERE



Outubro a dezembro 2023 | **Modules** | E-learning

TTE indications in Emergency /ICU scenario

Filipe Gonzalez

US physics for dummies

Lígia Mendes

Artifacts and how to get rid of them

Hugo Café

Knobology and image optimization

Pedro Rio

Windows and views

Igor Millet

Systematic approach and problem-oriented medical record

Gonçalo Marto

LV systolic function

Rui Gomes

RV systolic function

Jacobó Bacariza

Cardiac output measurement

Doroteia Reis

IVC evaluation and interpretation

Rita Varudo

Valves stenosis - a quick shot

António Tralhão

Valves regurgitation and endocarditis - a quick shot

Marta Ponte

Pericardial effusion and tamponade

Mariana Castro

Right heart overload - PE and Pulmonary hypertension

Rui Plácido

The patient is in SHOCK!

Tomás Lamas

How to evaluate fluid responsiveness?

Pedro Costa

Ultrasound approach to the CPR

João João Mendes



Echo Crit level I

15 dezembro 2023 | Hands-on | Simulation Center

- 9:00 am** **Windows and views**
- 9:30 am** **Image optimization**
- 10:00 am** **Pericardial effusion and tamponade**
- 10:30 am** **CPR**
- 11:00 am** Coffee break
- 11:30 am** **LV systolic function**
- 12:00 am** **RV systolic function**
- 12:30 am** **Valves approach**
- 1:00 pm** **Fluid challenge**
- 1:30 pm** Lunch
- 3:00 pm** **Right heart overload**
- 3:30 pm** **Shock evaluation**
- 4:00 pm** **Cardiac output measurement**
- 4:30 pm** **IVC evaluation**
- 5:00 pm** Coffee break
- 5:30 pm** **Clinical case evaluation**

SCIENTIFIC SPONSORS: