

Centro de
Simulação

CUF
Academic Center

spdj SOCIEDADE PORTUGUESA
DE CUIDADOS INTENSIVOS



Echo Crit level I

2022 | E-learning format and Simulation Training

COURSE DIRECTORS

Filipe Gonzalez
Lígia Mendes

TRAINER DOCTORS

António Tralhão
Doroteia Reis
Gonçalo Marto
Hugo Café
Jacobina Bacariza
João João Mendes
Mariana Castro
Marta Ponte
Pedro Costa
Pedro Rio
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



Modules | E-learning

TTE indications in Emergency /ICU scenario

US physics for dummies

Artifacts and how to get rid of them

Knobology and image optimization

Windows and views

Systematic approach and problem-oriented medical record

LV systolic function

RV systolic function

Cardiac output measurement

IVC evaluation and interpretation

Valves stenosis - a quick shot

Valves regurgitation and endocarditis - a quick shot

Pericardial effusion and tamponade

Right heart overload - PE and Pulmonary hypertension

The patient is in SHOCK!

How to evaluate fluid responsiveness?

Ultrasound approach to the CPR

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Echo Crit level I

Hands-on | Simulation Center

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

SCIENTIFIC SPONSORS:



Sociedade Portuguesa de
CARDIOLOGIA



SPSim Sociedade Portuguesa de Simulação
Aplicada às Ciências da Saúde