



MUSEC "MANRESA"

# Modular UltraSound ESTES Course

SIMULATION CLASSROOMS HOSPITAL SANT JOAN DE DÉU  
FUNDACIÓ ALTHAIA

Manresa, May 23rd and 24th, 2025



# Cronogram

## May 23rd

### MODULE 1. BASIC ULTRASOUND IN EMERGENCY

- 3:00 pm Welcome
- 3:05 pm Case Scenario. Life demonstration
- 3:25 pm Knobology
- 3:45 pm E-FAST (video). Tips and tricks
- 4:00 pm Interactive case scenarios
- 4:45 pm Break
- 5:00 pm Hands on: Thoracic and abdominal windows (all instructors)
- 7:30 pm Test
- 8:00 pm Closure

## May 24th

### MODULE 2. BASIC ULTRASOUND IN EMERGENCY

- 8:00 am Interactive case scenarios
- 8:40 am Abdominal anatomy. Appendicitis & diverticulitis. Gallbladder and biliary tree. Hernia (DASH) and soft tissues
- 10:15 am Break
- 10:30 am Hands on: Appendicitis / Gallbladder / Soft Tissues / Hernia and abdominal anatomy (all instructors)
- 1:30 pm Test
- 1:45 pm Lunch

### MODULE 3. INTERVENTIONAL ULTRASOUND

- 3:00 pm Interventional US principles
- 3:25 pm Peritoneal aspiration
- 3:45 pm US guided Vascular access
- 4:05 pm Pleural effusion and pneumothorax
- 4:15 pm Cholecystostomy
- 4:45 pm Break
- 5:00 pm Hands-on: Cholecystostomy. Phantoms, vascular canulation. Concept review station (all instructors)
- 7:00 pm Test
- 7:30 pm Closure

## Faculty

**Isidro Martínez Casas**

Hospital Universitario Virgen del Rocío  
(Sevilla)

**Roser Farré Font**

Hospital Universitari Sant Joan de Déu de Manresa.  
Fundació Althaia (Manresa)

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**Estella Membrilla Fernández**

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Hospital Universitario San Jorge (Huesca)

**M<sup>a</sup> Angeles Gil Olarte**

Hospital Universitario Virgen Macarena (Sevilla)

**Virgínia Duran Muñoz-Cruzado**

Hospital Universitario Virgen del Rocío (Sevilla)



## Registration

Type	1 Modul	2 Modules	3 Modules
Regular	200€	370€	480€
Member ESTES/AEC	180€	330€	430€
Resident	150€	300€	400€

It will be necessary to prove the reduced price condition

### SECRETARY

Anna Alsina Muñoz  
 T. 93 875 93 00 (extension 3012)  
 aalsina@althaia.cat

Schedule: from 9:00 am to 14:00 pm

To formalize your registration, use the following form:

[REGISTRATION FORM](#)

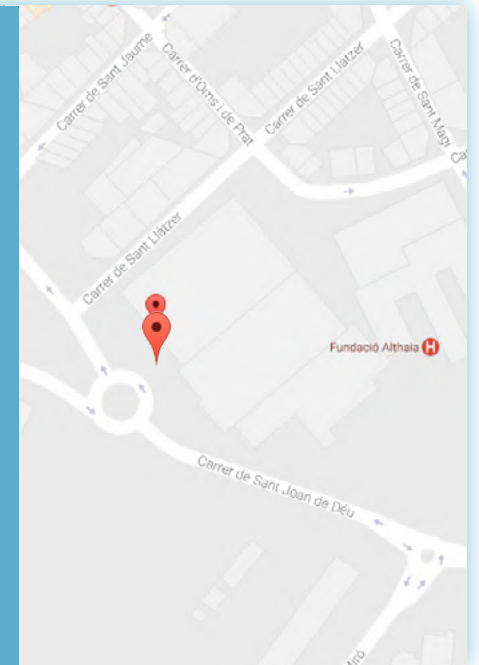
CCFCPS and CFC accreditation requested

### INFORMATION

**DATE**  
 May 23rd and 24th, 2025

**PLACE**  
 Conference room Hospital Sant Joan de Déu – Fundació Althaia  
 Carrer Nou de Santa Clara, 63-65  
 MANRESA

[GOOGLE MAPS](#)





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