



## Registrations

Hospital Universitario Virgen del Rocio  
Manuel Siurot s/n  
**41013 - SEVILLA**



MUSEC is a “point of care” ultrasound course addressed to surgeons, surgical residents and emergency physicians. Half day modular sessions with 2/3 of time focused on “hands on” training, with case discussion of clips and images, preceded by online material (open since three weeks before the course).

**MUSEC**  
S E V I L L A  
OCTOBER 18-19<sup>th</sup>, 2024

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**ESTES**  
EUROPEAN SOCIETY FOR TRAUMA  
AND EMERGENCY SURGERY

# Cronogram

## October 18<sup>th</sup>

### Modul 1. E-FAST

15:00 –Welcome.  
15:05 – Case Scenario.Life demonstration.  
15:25 – Knobology.  
15:45 – E-FAST (video). Tips and tricks.  
16:00 – Interactive case scenarios.  
16:45 – Break.  
17:00 – Hands on: Thoracic and abdominal windows.  
19:30 – Test.  
20:00 – Closure.

## October 19<sup>th</sup>

### Modul 2. Basic ultrasound in emergency

08:00 – Interactive case scenarios..  
08:40 – Abdominal anatomy. Apendicitis y diverticulitis. Gallbladder and biliary tree. Hernia (DASH) and soft tissues.  
10:15 – Break.  
10:30 – Hands on: Apendicitis / Gallbladder/  
Soft Tissues / Hernia and abdominal anatomy.  
13:30 – Test.  
13:45 – Lunch.

### Modul 3. Interventional ultrasound

15:00 – Interventional US principles.  
15:25 – Peritoneal aspiration.  
15:45 – US guided Vascular access.  
16:05 – Pleural effussion and pneumothorax.  
16:15 – Colecistostomy.  
16:45 – Break.  
17:00 – Hands on: Colecistostomy. Phantoms, vascular canulation. Concept review station  
19.00 – Test.  
19:30 – Closure.



	1 Modul	2 Moduls	3 Moduls
Regular	200 €	370 €	480 €
ESTES/AEC member	180 €	330 €	432 €
MIR	150 €	300 €	400 €

In process to obtain  
UEMS CME Credits

**Course coordination**  
**Dr. Isidro Martínez Casas**

**Faculty**  
**Dr. Andrea Cassamassima**  
**Dr. José Tinoco**  
**Dr. Mercè Güell Farré**  
**Dr. M<sup>a</sup> Angeles Gil Olarte**