

### Workshop objectives:

- To learn technical skills to perform antegrade CTO techniques: AWE, ADR, How to use ADR technique with and without stingray balloon, Assisted ADR with dual or recross- microcatheter.
- IVUS guidance CTO PCI. How to perform tip detection-antegrade dissection and reentry using IVUS. To learn technical skills to perform retrograde CTO techniques: collateral selection and collateral crossing techniques (septal/epicardial).
- How to approach ambiguous or impenetrable proximal cup: Power-knuckle, SB-knuckle, BASE, scratch-and-go technique, "Carlino" Technique
- How to manage coronary collateral perforation.

### Hospital del Mar team:

- Cardiology department director and staff: Dra. Beatriz Vaquerizo, Dra. Helena Tizón, Dr. Xavier Armario, Dr. Hector Cubero, Dr Leo Danduch. Fellow: Dra. Alicia Prieto, Dr Juan Carlos Betancourt.
- Nurse director and team: Elena Maull, Yolanda Bartolomé, Icar Tribó, Salvador Encinas, Gina Pi, Cristina Tevar, Camino Fernández, Iu Serra, Lorena Sotelo, Edina Dumitru, Albert Fernandez, Fátima Domingo, Miguel Ángel Guijo, David Sánchez, Pilar González, Andrea Sánchez, Pau Buigues, Cristina Polonio.

### Hospital Joan XVIII team:

- Dr. Mohsen Mohandes, is the head of the interventional cardiology unit at Hospital Joan XVIII in Tarragona, Spain. He is an expert in CHIP and CTO procedures. Staff: Dr. Mauricio Torres. Fellows: Humberto Coimbra y Roberto Bejerabo Nurse director and team: Xavi Belart, Lara Prieto, Anabel Torres

### International/National team:

- **Dr Gabriele Gasparini**, interventional cardiologist, Humanitas Research Hospital, Milan, Italy. He is CTO operator, proctor and educator. He is the Founder and Course Director of the CTO Live Aid event. Dr Gasparini has written the ABCTO Handbook, focused on percutaneous treatment of chronic total occlusions.
- **Dr Elliot Smith**, Interventional Cardiologist. He is the founder and Director of the Cardiovascular Training Institute at Barts Health NHS Trust., London. He is a well-known expert in CHIP and CTO PCI.
- **Dr Stéphane Carlier**, is the head of the cardiology department at UMONS. He is a really well-known expert on Intravascular imaging and was director of the Intravascular Imaging Laboratory at the Cardiovascular Research Foundation and Columbia University in New York.
- **Dr Alexandre Auran**, is an Interventional Clinical Cardiologist at Centre Hospitalier de Valenciennes, France. He is Course Director of the Multi-Level CTO course, and a CTO proctor in France and internationally.

### Lives Cases:

- Hospital del Mar, Barcelona and Hospital Joan XVIII, Tarragona.

# BARCELONA CTO

## Workshop III

27-28th March 2025



## Thursday 27th March 2025:

Cardiology department HOSPITAL DEL MAR  
C/ Passeig Marítim, 25/29, 08003 Barcelona

**08:30 - 08:40h. Course presentation and Programme** – Dra. B. Vaquerizo and Dra. H. Tizón.  
View-Lab room - Cardiology department (room 3-4 1<sup>st</sup> floor).

**Morning sessions** (Live case and talks): Dr. H.Tizón and Dr G. Gasparini  
room 3, 1<sup>st</sup> Floor Cardiology department.

**8:40-11:40h. Case CTO 1: Presentation (Fellow) and Discussion.**  
**Operators:** Dr. A. Auran and Dr. M. Mohandes (Cath Lab- Tarragona).

**9:30h. Coffee during Live Case and talks.**  
(room 3-4 Cardiology department).

**How to perform tip detection-antegrade dissection and reentry using IVUS**  
Dr. Gabriele Gasparini (15 min. presentation and 10 min. discussion).

**10:40 - 13:30h. Case CTO 2: Presentation (Fellow) and Discussion**  
**Operators:** Dr. E. Smith and Dra. B. Vaquerizo (Cath Lab- Barcelona).  
**Imaging specialist:** Dr Stéphane Carlier.

**13:30h. Light meal and CTO simulator time.**  
(room 3-4, 1st Floor Cardiology department).

### Parallel sessions:

**14:00h - 14:30. CTO simulator time**

**14:00h - 14:30. " CTO nursing's tips".**

Cristina Tevar (H. Mar), Salvador Encias (H. Mar), Lara Prieto (H. Joan XXIII, Tarragona)

**Afternoon sessions** (Live case and talks): Dra. B. Vaquerizo and Dr E. Smith.  
room 3, 1<sup>st</sup> Floor Cardiology department.

**14:30 - 16:30h. Case CTO 3: Presentation (Fellow) and Discussion**  
**Operators:** Dr M. Mohandes and Dr. G. Gasparini (Cath Lab-Tarragona)

**To learn technical skills to perform retrograde CTO techniques.**  
Dr. A. Auran (15 min. presentation and 10 min. discussion)

**Wrap up of the day.** Dra. B Vaquerizo

## Friday 28th of March 2025

Interventional Cardiology Unit at HOSPITAL DEL MAR  
C/ Passeig Marítim, 25/29, 08003 Barcelona

**Morning/Afternoon sessions** (Live case and talks):  
Dr. M. Mohandes and Dr. G. Gasparini  
room 3, 1st Floor Cardiology department

**08:30 - 11:30h. Case CTO 4: Presentation (Fellow) and Discussion.**  
**Operators:** Dr. B. Vaquerizo and Dr. A. Auran (Cath Lab Barcelona)  
**Imaging specialist:** Dr. Stéphane Carlier.

**To learn technical skills to perform Antegrade CTO techniques.**  
Dr. Elliot Smith (15 min. presentation and 10 min. discussion)

**9:00h. Coffee Break during Live CTO and talks**  
(room 3-4, 1st Floor Cardiology department).

**12:30h. Case CTO 5: Presentation (Fellow) and Discussion**  
**Operators:** Dr. Gabriele and Dr H. Tizón (Cath Lab Barcelona)  
**Imaging specialist:** Dr Stéphane Carlier.

**CTO challenging cases: how to solve them**  
Dr. E. Smith (15 min. presentation and 10 min. discussion)

**16:00h. End of course and Lunch** (room 1-2 Cardiology department)

With the support of:



**Organizador:** Servicio de Cardiología del Hospital del Mar y Fundación EPIC

**Venue / Sede:** Hospital del Mar.

**Secretaría Técnica:**

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**Inscripciones:** pmena@pacifico-meetings.com

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