



UCBM  
ACADEMY

# INNOVATING STRUCTURAL HEART THERAPIES: LIVE CASES, IMAGING, AND SIMULATION WORKSHOP

**06 June 2025**  
UNIVERSITÀ CAMPUS BIO-MEDICO DI ROMA

## Scientific Direction

### **Prof. Gian Paolo Ussia**

Full Professor of Cardiovascular Diseases  
Università Campus Bio-Medico di Roma

## Scientific Committee

### **Dott.ssa Valeria Cammalleri**

### **Dott.ssa Elisabetta Ricottini**

## Recipients

**Medical Specialist** (Cardiology, Geriatrics, Internal Medicine, Cardiac Surgery, Vascular Surgery, Anesthesia and Resuscitation),  
**Medical Radiology Technician.**

## Number of Participants

The course is open to a maximum of **25 participants.**

## Released Title

The course includes the release of a certificate of participation from the Campus Bio-Medico University of Rome and the ECM certificate with corresponding **11,7 credits.**

Duration: **9 hours.**

## Participation

Registration is mandatory. To register, please click on the following link: <https://ecm.unicampus.it/index.php/view/Innovating-Structural-Heart-Therapies-2025>

### **Full-day registration fee:**

€ 400.00\*

*Includes both theoretical and practical sessions.*

### **Registration fee for residents/trainees:**

Free\*

This option includes full-day participation (theoretical and practical sessions).

Only 5 spots are available for residents/trainees.

### **Half-day registration fee:**

Free\*

Includes only the morning theoretical session.

\*Fees are exempt from VAT pursuant to Art. 10.

Please note: After 14 days from the purchase of the registration, the fee will not be refundable under any circumstances.

## Location of the event

### **Simulation Center**

Università Campus Bio-Medico di Roma  
Via Regdo Scodro, 42 - 00128 Roma

## Scientific Rationale

Transcatheter procedures for mitral and tricuspid valve repair represent a rapidly evolving frontier in interventional cardiology. Optimizing procedural guidance through multimodality imaging is essential to enhance the accuracy and safety of these interventions.

The workshop “Innovating Structural Heart Therapies: Live Cases, Imaging, and Simulation Workshop” offers a practical and interactive experience, focusing on intraoperative echocardiographic guidance for major valvular interventional procedures. Through live cath-lab sessions and step-by-step training approach, participants will acquire advanced skills in using transesophageal echocardiography (TEE) and intracardiac echocardiography for procedural planning and guidance in transseptal puncture, as well as mitral and tricuspid valve interventions. This course provides a unique opportunity to deepen the understanding of integrated imaging in structural cardiology, improving the precision and effectiveness of transcatheter procedures. By the end of the workshop, participants will be able to integrate echocardiographic guidance into transcatheter mitral and tricuspid interventions with greater precision and confidence.



## National Educational Objective

Application of the principles and procedures of evidence-based practice (EBM - EBN - EBP) in everyday practice

The course provides an in-depth exploration of interventional techniques and intraprocedural echocardiographic imaging for transcatheter treatment of mitral and tricuspid valve diseases. Through a practical and interactive approach, participants will develop expertise in:

- Transseptal puncture and valve interventions, following a step-by-step learning path.
- Integration of imaging in transcatheter procedures, with lectures, discussions, and 3D models.
- Practical application, featuring live cases and hands-on sessions on dedicated simulators.

Designed for specialists in cardiology, geriatrics, internal medicine, cardiac surgery, vascular surgery, anesthesia, and radiology, the course aims to enhance skills in valvular interventional procedures.

## PROGRAM – June 6, 2025

Event ID – 690-445890

### 08.30 Participant Registration

### 08.45 Course presentation G.P. Ussia

#### I° SESSION

Chairman: V. Cammalleri, A. Nusca, E. Ricottini

### 09.00 Epidemiology and Diagnostic Algorithm for Mitral and Tricuspid Valve Disease

A. Sticchi

### 09.20 Discussion

### 09.30 Mitral Valve Interventions: Anatomy and Echocardiographic Insights for Patient Selection

G. Salerno

### 09.50 Discussion

### 10.00 Tricuspid Valve Interventions: Anatomy and Echocardiographic Insights for Patient Selection

F. Ancona

### 10.20 Discussion

### 10.30 Optimizing Tricuspid Procedures: Essential Tips and Tricks for a Successful Intervention

G.P. Ussia

### 10.50 Discussion

### 11.00 Optimizing Mitral Procedures: Essential Tips and Tricks for a Successful Intervention

A. Mangieri

### 11.20 Discussion

#### II° SESSION

### 11.30 Live 1 dalla sala di emodinamica

Panel: A. Mangieri, A. Sticchi, G. Salerno, F. Ancona

### 12.30 Lunch

### 13.00 Live 2 dalla sala di emodinamica

Panel: A. Mangieri, A. Sticchi, G. Salerno, F. Ancona

### 14:00 Hands-on session

Echo tutor: V. Cammalleri, A. Pasquini, A. Tavernese, G. Salerno, F. Ancona

Intervention tutor: A. Nusca, E. Ricottini, A. Mangieri, A. Sticchi

- Transeptal puncture and intracardiac echo;
- MitraClip procedure;
- Triclip procedure;
- Imaging in structural intervention (Simupulse)

### 18:00 Interactive discussion of clinical cases

Chairman: G.P. Ussia, A. Mangieri, V. Cammalleri, E. Ricottini

### 19:00 Closing of works

## Faculty



### **Ancona Francesco**

Cardiologist Doctor  
Ospedale San Raffaele di Milano

### **Cammalleri Valeria**

Cardiologist Doctor  
Fondazione Policlinico Universitario  
Campus Bio-Medico

### **Cocco Nino**

Cardiologist Doctor  
Fondazione Policlinico Universitario  
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### **Mangieri Antonio**

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### **Ricottini Elisabetta**

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### **Salerno Gemma**

Cardiologist Doctor  
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### **Sticchi Alessandro**

Cardiologist Doctor  
AOUP Cisanello Pisa

### **Tavernese Annamaria**

Cardiologist Doctor  
Università Campus Bio-Medico Roma

### **Ussia Gian Paolo**

Full Professor of Cardiovascular Diseases  
Università Campus Bio-Medico Roma  
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## Accredited ECM Provider



The UCBM Academy ranked first in the ranking of the best ECM Providers 2018 for the university category. In close collaboration with the clinical and teaching areas of the University, it designs seminars, workshops, conferences and innovative training modules in this area, aimed at healthcare professionals. The UCBM Academy also collaborates with the Human Resources Department of the University for the coordination and management of ECM training for healthcare personnel of the Fondazione Policlinico Universitario Campus Bio-Medico

The event has been accredited by the National Agency for Regional Health Services (Age.Na.s.) for the professional figures of Medical Specialist (Cardiology, Geriatrics, Internal Medicine, Cardiac Surgery, Vascular Surgery, Anesthesia and Resuscitation), Medical Radiology Technician.

In order to acquire training credits, it is necessary to be present for 90% of the duration of the work, the correspondence between the profession of the participant and that for which the event is intended, the correct compilation of at least 75% of the questions in the learning questionnaire and the compilation of the form on the perceived quality present on the platform.

### Partner



Con il contributo non condizionante di



### Coordination and information

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