



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.**

Participation

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

Category	Expected number of participants
Registration Full-day*	25 participants
Registration Half-day**	50 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.**

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 Coffee break

II° SESSION

11.30 Live 1 dalla sala di emodinamica

Case presentation: *M. Gelfusa*

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

Live 2 dalla sala di emodinamica

Case presentation: *G. Antonelli*

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

13.30 Lunch

14:00 Hands-on session

Echo tutor:

*V. Cammalleri, A. Pasquini, A. Tavernese,
G. Salerno, F. Ancona, M. Gelfusa*

Intervention tutor:

*A. Nusca, E. Ricottini, A. Mangieri, N. Cocco,
F. Mangiacapra, G. Antonelli,*

- 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, F. Mangiacapra,
V. Cammalleri, E. Ricottini*

19:00 Closing of works

Faculty

Ancona Francesco

Cardiologist Doctor
Ospedale San Raffaele di Milano

Antonelli Giorgio

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Fondazione Policlinico Universitario
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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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