

Faculty

Francesco Cannata
Centro Cardiologico Monzino, Milano

Fabio Fazzari
Centro Cardiologico Monzino, Milano

Laura Fusini
Centro Cardiologico Monzino, Milano

Paola Gripari
Centro Cardiologico Monzino, Milano

Valentina Mantegazza
Centro Cardiologico Monzino, Milano

Manuela Muratori
Centro Cardiologico Monzino, Milano

Mauro Pepi
Centro Cardiologico Monzino, Milano

Gianluca Pontone
Centro Cardiologico Monzino, Milano

Scientific Secretariat

Laura Fusini

MD (Staff Member of Department of Perioperative Cardiology and Cardiovascular Imaging,
Centro Cardiologico Monzino IRCCS, Milan, Italy)
laura.fusini@cardiologicomonzino.it

Provider



ID 991
Via Carlo Parea, 4
20159 Milano

Organising Secretariat

INFOCONGRESS

InfoCongress Srl
Via Asti, 2 - Milano
segreteria@infocongress.it
Tel. +39 080.8591432
www.infocongress.it



ECM

MONZINO IMAGING ACADEMY

Echo3D Course

22nd-23th October 2026

Course Director

Gianluca Pontone

Deputy Scientific Director and Head of the Department
of Perioperative Cardiology and Cardiovascular Imaging,
Centro Cardiologico Monzino, University of Milan, Italy

Manuela Muratori

Head of Echo Unit, Department of Perioperative
Cardiology and Cardiovascular Imaging, Centro
Cardiologico Monzino IRCCS, Milan, Italy



Venue

Novotel Milano Linate
Via Mecenate, 121 - Milano

ECM credits

The course will provide ECM credits to Italian specialists only.

Provider: MONZINO ID 991

Credits: 15,5

Il corso è accreditato ECM per:

Medici Chirurghi (specializzati in Cardiologia, Cardiochirurgia, Anestesia e Rianimazione, Medicina interna, Radiodiagnostica, Medicina nucleare)

Obiettivo formativo: 18 - Contenuti tecnico-professionali (conoscenze e competenze) specifici di ciascuna professione, di ciascuna specializzazione e di ciascuna attività ultraspecialistica, ivi incluse le malattie rare e la medicina di genere

Attestato ECM: Ricordiamo che per avere diritto ai crediti formativi ECM è obbligatorio: frequentare il 90% delle ore di formazione, compilare il questionario di valutazione dell'evento, superare il questionario che verrà sostenuto al termine del corso. Il certificato riportante i crediti ECM verrà inviato tramite e-mail alcuni giorni dopo la fine dell'evento.

Endorsements on request

Language

Slides in English, talks in Italian

Maximum Attendees and Fee

30 participants
(15 workstations – 2 participants per workstation)
350 Euro+VAT

Registration Link

Course Structure

The course consists of two days dedicated to the main topics of 3D echocardiographic imaging, both transthoracic and transesophageal, delivered in a highly interactive format. Held in a classroom setting, the course is structured with sessions featuring lectures on technical and diagnostic aspects related to major cardiovascular diseases, with a particular emphasis on valvular diseases. The lectures are complemented by hands-on sessions involving transthoracic and transesophageal cases on workstations and ultrasound machines. This interactive course will strengthen your skills in utilizing 3D echocardiography at every step of valvular assessment and structural procedure monitoring. Additionally, the practical component will be enriched by an interactive simulation experience of key structural interventional procedures with real-time transesophageal monitoring.

Objective

The 3D Echocardiography Course is a theoretical and practical program designed for individuals who wish to acquire basic and advanced knowledge of three-dimensional echocardiographic methodology, understand its advantages, and optimize its use in patient clinical management and monitoring of structural interventional procedures.

Target Audience

The course is aimed at medical professionals in training or specialized in Cardiology, Cardiac Surgery, Anesthesia and Intensive Care, Internal Medicine, Radiology and Nuclear Medicine.

Program

THURSDAY

- 09:30 Registration
- 10:00 Course introduction
Gianluca Pontone, Manuela Muratori
- 10:30 Acquisition and Navigation in 3D Space: Tips & Tricks
Laura Fusini
- 11:00 Coffee Break
- 11:30 3D Echo for Left Ventricular Function: Theory and Practical Cases on Workstations
Laura Fusini
- 12:00 3D Echo for Right Ventricular Function: Theory and Practical Cases on Workstations
Paola Gripari
- 12:30 3D Echo in Aortic Valve Disease: Theory and Practical Cases on Workstations
Manuela Muratori
- 13:00 Lunch
- 14:00 Hands-On Session on Ultrasound Machines: Selected Clinical Cases and Simulators for Structural Interventional Procedures
Laura Fusini, Paola Gripari, Manuela Muratori
- 17:00 Lecture: Echocardiography: A Continuously Evolving Technique
Mauro Pepi
- 17:30 End of Day

FRIDAY

- 08:30 3D Echo in Mitral Valve Disease:
 - Mitral Stenosis
Valentina Mantegazza
 - Organic Mitral Regurgitation
Valentina Mantegazza
 - Functional Mitral Regurgitation
Laura Fusini
 - Monitoring of M-TEER
Paola Gripari
 - Monitoring of TMVR
Manuela Muratori
 - Mitral Valve Disease: Practical Cases on Workstations
Laura Fusini, Paola Gripari, Valentina Mantegazza, Manuela Muratori
- 10:30 Coffee Break
- 11:00 3D Echo in Tricuspid Valve Disease:
 - Tricuspid Valve Assessment
Francesco Cannata
 - Monitoring of T-TEER and TTVR
Fabio Fazzari
 - Tricuspid Valve Disease: Practical Cases on Workstations
Francesco Cannata, Fabio Fazzari, Laura Fusini
- 12:30 3D Echo in the Assessment of Valve Prostheses
Manuela Muratori
- 13:00 Lunch
- 14:00 Left Atrial Appendage/Patent Foramen Ovale and Atrial Septal Defect: Anatomy and Percutaneous Closure – Theory and Practical Cases on Workstations
Francesco Cannata
- 15:00 Hands-On Session on Ultrasound Machines: Selected Clinical Cases and Simulators for Structural Interventional Procedures
Francesco Cannata, Fabio Fazzari, Laura Fusini
- 17:00 Lecture: Multimodal Imaging for Interventional Cardiology and Presentation of the Monzino Cardiac Imaging Academy
Gianluca Pontone
- 18:00 Closing Remarks