

MICS ACADEMY

ECHO SURGERY LAB 7th EDITION

PRESIDENT

Giuseppe SPEZIALE

COURSE DIRECTOR

Corrado FIORE

SCIENTIFIC COMMITTEE

Alain BERREBI

Mario Siro BRIGIANI

Fausto CASTRIOTA

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Riccardo IEVA

Paolo IZZO

Guido Maria Giuseppe LEMBO

Alfredo MARCHESE

Giuseppe NASSO

Angelo SQUERI

Simone VENTRA

May 22-23, 2026
Conference Area
Santa Maria Hospital
BARI (IT)

promoted by

MICS
Minimally Invasive
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MICS ACADEMY

INTRODUCTION

Echo- Surgery represents an event dedicated to the role of echocardiography in the assessment and perioperative evaluation of patients affected by valvular heart disease. This edition is implemented with discussion around other topics such as endocarditis and prosthetic valves.

The course's architecture will keep the structure of previous editions with theoretical lessons in the morning and practical sessions in the afternoon guided by renowned national and international tutors.

Echo-Surgery is an advanced echo course where imager, interventionalist, cardiac surgeons and cardiac anesthesiologist discuss and plan , through their experience, imaging and treatment in the field of cardiac surgery and structural heart disease.

The hands-on part of this edition includes:

- 2D/3D TEE workshop on planning structural intervention with workstations provided by GE and Philips vendors
- Wet-Lab with pig's heart dissection directed by surgeons and imager into a combined session
- Anatomic specimen and correlation with 3D echo in a session directed by anatomopathologist and imager

AGENDA FRIDAY MAY 22, 2026

08:45 Welcome Address and Introduction
Ettore Sansavini, Giuseppe Speziale, Corrado Fiore

AORTA SESSION

Chairpersons: **Paolo Izzo, Mario Siro Brigiani**

AORTIC STENOSIS

- 09:00** Theory: How to study aortic valve and aortic root by 2D/3D TEE
Corrado Fiore
- 09:12** Case-based: An echo guide to unveil the phenotype of aortic stenosis with area, gradient and stroke volume
Tommaso Viva
- 09:24** Theory: Is there any role for TEE before, during and after TAVI procedures?
Francesca Lofrumento
- 09:36** Audience Discussion

AORTIC REGURGITATION

- 09:50** Theory: How to unveil the mechanism of aortic regurgitation by 2D/3D TEE
Angelo Squeri
- 10:02** Case-based: How to help surgeon with echo for aortic valve repair?
Corrado Fiore
- 10:14** Theory: When and How to repair an aortic bicuspid valve?
Domenico Paparella
- 10:26** Audience Discussion
- 10:40** **LECTIO MAGISTRALIS in Live surgery**
Alberto Albertini, Giuseppe Visicchio
Ozaki technique: from echo selection to surgical protocol

11:00 COFFEE BREAK

TRICUSPID SESSION

Chairpersons: **Riccardo Ieva, Guido Maria Giuseppe Lembo**

- 11:20** Theory: Correlations between anatomy and 2D/3D TTE/TEE imaging. How to study the tricuspid valve
Valeria Cammalleri
- 11:32** Case-based: atrial vs ventricular functional TR
Echocardiographic and morphological features
Francesco Ancona
- 11:44** Theory: How to assess right ventricle in presence of severe TR
Michele Tomaselli
- 11:56** Audience Discussion

ENDOCARDITIS SESSION

Chairpersons: **Corrado Fiore, Angelo Squeri**

- 12:10** Theory: Step by step guide through different imaging modalities for endocarditis diagnosis
Laura Anna Leo
- 12:22** Case-based: When is time for surgery and what to do?
Khalil Fattouch
- 12:34** Theory: Spectrum of endocarditis' s complications unmasked by 2D/3D TEE
Cosimo Angelo Greco
- 12:46** Audience Discussion
- 13:00** Cardiac Amyloidosis: from diagnosis to pharmacological treatment
Paolo Izzo

13:15 LIGHT LUNCH

WORKSHOPS

14:30 - 16.00

Conjoined session: Wet-Lab, anatomic specimen and 3D Echo
Tutors: **Giuseppe Santarpino, Luigi Specchia, Andrea Marzullo**
16.00 - 18.30
Workstations GE e Philips

- 16:00** Aortic valve and aortic root assessment by 3D TEE. Planning for TAVII
- 16:45** Tricuspid assessment by 3D TEE. Planning for TEER
- 17:45** LAA assessment by 3D TEE. Planning for LAAO

AGENDA

SATURDAY

MAY 23, 2026

MITRAL SESSION

Chairpersons: Alain Berrebi, Khalil Fattouch, Giuseppe Nasso, Fausto Castriota, Alfredo Marchese

MITRAL STENOSIS

09:00 Theory: How to study a rheumatic mitral valve by 2D/3D TEE? Principle findings to take into account in order to decide between surgical or transcatheter options.

Angelo Squeri

09:12 Case-Based: MAC (mitral annulus calcification): a big challenge for surgeons and interventionalists
All you need to know from an echo point of view

Sergio Suma

09:24 Theory: Cleft, indentations and congenital abnormalities: let's clarify

Corrado Fiore

09:36 Audience discussion

MITRAL REGURGITATION

09:50 Theory: An echo guide step by step for studying a Barlow valve by 2D/3D TEE. Which echo features does matter for a surgical repair?

Annalisa Pasquini

10:02 Case-Based: All you need to know about pre, intra and post 2D/3D TEE assessment of patient candidate to TEER

Konstantinos Papadopoulos

10:14 Theory: Functional mitral regurgitation: atrial vs ventricular. How to distinguish by echo? Why is it important for treatment?

Corrado Fiore

10:26 LECTIO MAGISTRALIS

Alain Berrebi

Surgery or percutaneous treatment of degenerative mitral valve disease according to mitral anatomies: favorable and unfavorable criteria

11:00 COFFEE BREAK

11:20 LECTIO MAGISTRALIS in Live Surgery

Giuseppe Speziale, Alain Berrebi

The evolution of mitral valve repair from fibroelastic deficiency to Barlow disease

PROSTHETIC VALVES SESSION

12:20 Theory: How to assess step by step structural and not structural dysfunction of prosthetic valves

Angelo Squeri

12:35 Case-Based: patient-prosthesis mismatch or intrinsic valve degeneration, how to distinguish?

Corrado Fiore

12:47 Audience discussion

13:05 State-of-the-art of the pharmacological approach to dyslipidemia

Simone Ventra

13:15 Changing the course of CV risk with SGLT2i and risk markers eGFR and uACR

Corrado Fiore

13:30 LIGHT LUNCH

WORKSHOPS

14.30 - 18.00

Workstations GE e Philips

14.30 How to guide TSP

15:15 Mitral valve assessment by 3d TEE
Planning for TEER

16:45 Paravalvular leak assessment by 3D TEE
Planning for closure

17.30 PFO/ASD assessment by 3D TEE
Planning for closure

18.00 Take home message

FACULTY

Alberto ALBERTINI – *Reggio Emilia*
Francesco ANCONA – *Milano*
Alain BERREBI – *Parigi, FR*
Valeria CAMMALLERI – *Roma*
Fausto CASTRIOTA – *Cotignola, RA*
Khalil FATTOUCH – *Palermo*
Corrado FIORE – *Lecce*
Cosimo Angelo GRECO – *Scorrano, LE*
Riccardo IEVA – *Foggia*
Paolo IZZO – *Bari*
Guido Maria Giuseppe LEMBO – *Bari*
Laura Anna LEO – *Lugano, CH*
Francesca LOFRUMENTO – *Lecce*
Alfredo MARCHESE – *Bari*
Andrea MARZULLO – *Bari*
Giuseppe NASSO – *Bari*
Konstantinos PAPADOPOULOS – *Atene, GR*
Domenico PAPARELLA – *Foggia*
Annalisa PASQUINI – *Roma*
Giuseppe SANTARPINO – *Lecce*
Mario SIRO BRIGIANI – *Bari*
Luigi SPECCHIA – *Lecce*
Giuseppe SPEZIALE – *Bari*
Angelo SQUERI – *Cotignola, RA*
Sergio SUMA – *Parma*
Michele TOMASELLI – *Milano*
Simone VENTRA – *Taranto*
Giuseppe VISICCHIO – *Bari*
Tommaso VIVA – *Milano*

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GENERAL INFORMATION

VENUE

Conference Area - Santa Maria Hospital
Via G. Poli 23, Bari - IT

REGISTRATION

The Course has a limited number.

Registration Fee

- € 500,00 (vat included) for regular fee
- € 300,00 (vat included) for Medical Student

Registration fee includes: admission to the Scientific Sessions including Hands-on Session, refreshment according to the program, certificate of attendance, CME credits for Italian participants

For information please contact the Organizing Secretariat sending your CV at mics@mitralacademy.it

CME PROVIDER

GVM Campus (6028)

CME ACCREDITATION

The event has been assigned n. 10,5 Italian CME Credits for Physicians (Cardiology, Cardiac Surgery, Anaesthesia and Resuscitation).

Training objective: Technical-professional contents (knowledge and expertise) specific for each profession, specialisation and ultra-speciality activity.

ORGANIZING SECRETARIAT

ADB Eventi&Congressi

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