

**MICS ACADEMY**

**1<sup>st</sup> WORKSHOP**  
**AORTIC VALVE**  
**NEOCUSPIDIZATION**

**The Ozaki Technique**  
**with Live Surgery and Dry-Lab**

**PRESIDENT**

Giuseppe **SPEZIALE**

**COURSE DIRECTORS**

Alberto **ALBERTINI**

Eliana **RAVIOLA**

**SCIENTIFIC SECRETARY**

Teresa **PAOLA QUAGLIARA**

Sara **TASSI**

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**November 15, 2025**

Hotel Posta

Piazza Del Monte, 2

**REGGIO EMILIA**

# WELCOME ADDRESS

## MICS 1<sup>st</sup> WORKSHOP AORTIC VALVE NEOCUSPIDIZATION The Ozaki Technique with Live Surgery and Dry-Lab

Aortic valve disease in young patients still represents an unresolved clinical challenge. Current surgical options, such as replacement with mechanical or biological prostheses, present significant limitations in terms of durability, the need for anticoagulation, and long-term quality of life.

In this context, innovative techniques such as aortic neocuspidization according to Ozaki, which involves the reconstruction of the aortic valve with autologous pericardium treated with glutaraldehyde, are emerging.

This method, introduced with the aim of offering a durable, biocompatible solution without the need for anticoagulant therapy, is gaining increasing interest, especially for younger or pediatric patients.

At the same time, the Ross procedure, historically reserved for selected young cases, finds in the combination with the Ozaki technique - in the so-called “fully autologous Ross-Ozaki” approach - a possible evolution capable of uniting the hemodynamic and biological benefits of both techniques.

The experience gained in recent years at GVM centers has made it possible to collect significant data on the efficacy and safety of the Ozaki procedure, with promising long-term results.

This course aims to:

- Provide a comprehensive update on the management of aortic valve disease in young patients;
- Critically discuss the current and future role of the Ozaki technique, alone or in combination with the Ross procedure;
- Share the clinical experience gained at the national level;
- Offer a practical session with live surgery and drylab simulation, aimed at learning the fundamental technical steps.

Through the participation of experts and the opportunity for direct discussion, the event aims to contribute to the dissemination and optimization of these techniques, with the ultimate goal of improving surgical outcomes in young patients with aortic disease.

# SATURDAY

## NOVEMBER 15, 2025

**9.00** Welcome and Course Introduction  
**Alberto Albertini, Lorenzo Venturini, Giuseppe Speziale**

### MORNING SESSION

*Moderators:* **Francesco Nicolini, Giuseppe Speziale, Antonio Rago**

**9.20** Introduction to the Ozaki procedure: rationale and evidences  
**Alberto Albertini**

**9.40** The aortic valve pathology in young adults: how many classes of patients for an unsolved problem?  
**Daniele Oliviero**

**10.00** The Ross procedure, a reliable alternative to the aortic valve prosthesis? Indications, results and technical evolution  
**Emanuela Angeli**

### LIVE SURGERY

#### Coffee break

**11.20** The Ozaki Vs Ross operation: alternative, complementary or propaedeutic?  
**Sara Tassi**

**11.40** Multimodality imaging characterization of the bicuspid aortic valve on the light of the new classification  
**Alessandro Malagoli**

**12.00** Bicuspid aortic valve: When and how to repair  
**Claudio Muneretto**

**12.20** Seven years experience with aortic valve neocuspidization in GVM Hospitals  
**Paola Quagliari**

### ROUND TABLE

Single or staged surgery for aortic valve replacement in young adults? A real world context.

**12.40** **Light Lunch**

### AFTERNOON SESSION

**14.00** The Ozaki Technique step by step  
**Eliana Raviola**

**14.20** Neocuspidization to treat Bicuspid Aortic Valve  
**Alberto Albertini**

### 14.40-16.30 DRYLAB TRAINING

**16.30** Final remarks and debriefing

# GENERAL INFORMATION

**MICS 1<sup>st</sup> WORKSHOP**  
**AORTIC VALVE NEOCUSPIDIZATION**  
**The Ozaki Technique**  
with Live Surgery and Dry-Lab  
is promoted by



## VENUE

**Hotel Posta**  
Piazza Del Monte, 2  
Reggio Emilia (RE)

## REGISTRATION

The Course has a limited number

## REGISTRATION FEE

€ 300,00 (vat included)

For information and Registration please contact the Organizing Secretariat at [mics@mitralacademy.it](mailto:mics@mitralacademy.it)

## CME PROVIDER

**GVM Campus (6028)**

## CME CREDITS

The CME credits has been requested for Physicians (Cardiology, Cardiac Surgery, Anaesthesia and Resuscitation), Nurses and and Cardiovascular Physiopathology and Cardiovascular Perfusion Technicians

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

## ORGANIZING SECRETARIAT

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# FACULTY

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