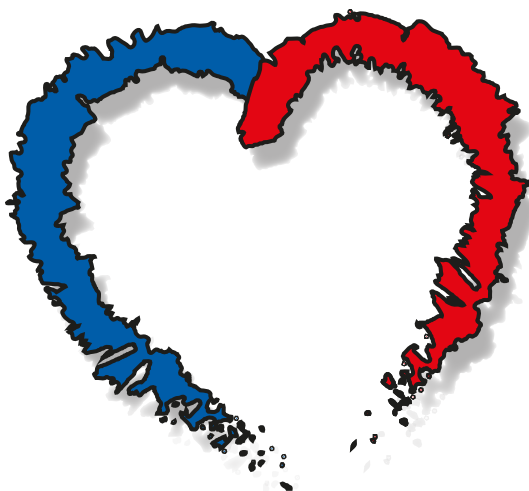


# Minimally Invasive and Trans-Catheter Cardiac Surgery

FOCUS ON MITRAL/TRICUSPID VALVES:  
FROM THEORY TO PRACTICE

**Ancona Live Course**  
**Episode IV**



**PRELIMINARY PROGRAM**

**June 13<sup>th</sup>-14<sup>th</sup>, 2024**

**Course Director: Prof. M. Di Eusanio**



UNIVERSITÀ  
POLITECNICA  
DELLE MARCHE



# INTRODUCTION

The **Ancona Live Course** will be a **two-day in-person meeting** on **June 13<sup>th</sup> and 14<sup>th</sup>, 2024** and will focus on **Minimally Invasive and Trans-Catheter Interventions** for patients with **Mitral and Tricuspid Valve Diseases**.

To enhance the learning experience, the interventions will be divided into key pillars that the most experienced surgeons in the field will describe in detail and discuss interactively with audience.

The principles learned during the **morning sessions** will be put into **practice** during the **afternoon sessions** with **four live cases** entirely broadcasted, without interruption, from our operative theatres in Ancona.

A truly practical attitude and interaction for a highly educational opportunity!

## **COURSE DIRECTOR**

M. Di Eusanio, Ancona - Italy

## **SCIENTIFIC COMMITTEE**

P.G. Malvindi, Ancona - Italy

C. Zingaro, Ancona - Italy

P. Berretta, Ancona - Italy

F. Capestro, Ancona - Italy

A. D'Alfonso, Ancona - Italy

## **FACULTY**

Oleksandr Babliak, Kyiv - Ukraine

Joseph E. Bavaria, Philadelphia - USA

Alain Berrebi, Paris - France

Paolo Berretta, Ancona - Italy

Giacomo Bianchi, Massa - Italy

Nikolaos Bonaros, Innsbruck - Austria

Filippo Capestro, Ancona - Italy

Manuel Castellà, Barcelona - Spain

Lenard Conradi, Hamburg - Germany

Alessandro D'Alfonso, Ancona - Italy

Michele De Bonis, Milan - Italy

Ruggero De Paulis, Rome - Italy

Marco Di Eusanio, Ancona - Italy

Evaldas Girdauskas, Hamburg - Germany

Francesco Grigioni, Rome - Italy

Utz Kappert, Dresden - Germany

Joerg Kempfert, Berlin - Germany

Carla Lofiego, Ancona - Italy

Francesco Maisano, Milan - Italy

Pietro Giorgio Malvindi, Ancona - Italy

Christopher Münch, Ancona - Italy

Antonios Pitsis, Thessaloniki - Greece

Mauro Rinaldi, Turin - Italy

Stefano Salizzoni, Turin - Italy

Marco Solinas, Massa - Italy

Prashant Vaijyanath, Coimbatore - India

Alexander Weymann, Oldenburg - Germany

Manuel Wilbring, Dresden - Germany

Joseph Zacharias, Manchester - UK

Konstantinos Zannis, Paris - France

Carlo Zingaro, Ancona - Italy

# SCIENTIFIC PROGRAM

## June 13<sup>th</sup>, 2024

### Mini MVR for primary MR

#### 8.30-9.00 Cannulation: tips and pitfalls

*Chairmen: N. Bonaros, J. Kempfert, A. Pitsis, A. Weymann*

- 8.30 Venous cannulation  
*N. Bonaros*
- 8.40 Arterial cannulation  
*J. Kempfert*
- 8.50 Questions

#### 9.00-9.45 Access, setup and valve exposure with...

- 9.00 Antero-lateral minithoracotomy (video-assisted)  
*A. Weymann*
- 9.07 Periareolar minithoracotomy (fully endoscopic)  
*A. Pitsis*
- 9.14 Transaxillary minithoracotomy (direct view)  
*M. Di Eusanio*
- 9.21 Questions

#### 9.45-10.15 Aortic occlusion and myocardial protection

- 9.45 Transthoracic clamping  
*A. Pitsis*
- 9.50 Intrathoracic clamping  
*M. Di Eusanio*
- 9.55 Intraortic occlusion  
*J. Kempfert*
- 10.00 Cardioplegia: are they all the same?  
*P.G. Malvindi*
- 10.05 Questions

#### 10.15 Coffee Break

## 10.45-12.45 Repair techniques for Primary MR

Chairmen: O. Babliak, R. De Paulis, M. Rinaldi, M. Wilbring

### Leaflet repair:

- 10.45 How I do Resections (triangular, sliding, atypical?)  
*N. Bonaros*
- 11.02 How I do Freehand Neochordae  
*M. Di Eusanio*
- 11.09 How I do Loops  
*J. Kempfert*
- 11.06 How I do Edge-to-Edge  
*M. De Bonis*
- 11.13 How I do Trans-Apical Neochordae  
*S. Salizzoni*
- 11.20 Questions

### Rings: so many and so different!

- 11.40 How to choose the right size  
*N. Bonaros*
- 11.50 Aortic-mitral valve interactions  
*R. De Paulis*
- 12.00 Bands: why and what is available  
*M. De Bonis*
- 12.10 Semirigid complete rings: why and what is available  
*M. Wilbring*
- 12.20 Questions

### 12.40 Lunch

## 14.00 From theory to practice

### LIVE SURGERY step by step

*Chairmen: N. Bonaros, A. Pitsis, J. Zacharias*

*Chairmen in the OR: U. Kappert, J. Kempfert*

### HOT TOPICS

- Echocardiographic markers for a timely surgical indication in PMR patients  
*A. Berrebi*
- Mitral Annular Dysjunction  
*TBD*
- Minimally invasive MV surgery for infective endocarditis  
*J. Kempfert*
- ERAS to enhance the patient's experience  
*C. Münch*

## From the Operative Rooms

### Mini Mitral Valve Repair: Endoscopic vs Direct View Transaxillary

### LIVE CASE 1

#### Fully Endoscopic MVR

*Surgeons: M. Solinas / J. Kempfert / A. D'Alfonso /*

*Cardiologist: A. Berrebi*

### LIVE CASE 2

#### Transaxillary Direct view MVR + Af ablation + left appendage clip

*Surgeons: M. Di Eusanio / C. Zingaro*

*Cardiologist: C. Lofiego*

# SCIENTIFIC PROGRAM

## June 14<sup>th</sup>, 2024

### Secondary MR

#### 8.30-10.00 Preparing the surgeon for the Heart Valve Team

*Chairmen: J.E. Bavaria, N. Bonaros, F. Grigioni, F. Maisano*

- 8.30 Update on the STS/ACC TVT Registry on trans-catheter mitral therapies  
*J.E. Bavaria*
- 8.40 Trans-catheter and surgical mitral valve interventions: expectations and reality  
*F. Grigioni*
- 8.50 Echo assessment for Mitral TEER: anatomy does matter!  
*C. Lofiego*
- 9.00 Trans-septal puncture: how to do it  
*F. Maisano*
- 9.10 Mitral TEER step by step  
*F. Maisano*
- 9.20 Valve in valve, valve in ring and MAC  
*F. Capestro*
- 9.30 Questions

#### 10.00-11.30 Surgical Interventions

*Chairmen: G. Bianchi, L. Conradi, M. De Bonis, E. Girdauskas*

- 10.00 Surgical Repair vs Replacement: ongoing thoughts  
*M. De Bonis*
- 10.10 How to replace  
*G. Bianchi*
- 10.20 How to repair  
*E. Girdauskas*
- 10.30 TMVR  
*L. Conradi*
- 10.40 Questions

#### 11.00 Coffee Break

## 11.15-12.10 TV repair, A fib ablation and LAA management

*Chairmen: M. Castellà, J. Zacharias, K. Zannis, C. Zingaro*

- 11.15 TV surgery: mini approach and repair techniques  
*J. Zacharias*
- 11.25 Concomitant A fib ablation: when and how I do it (mini)  
*M. Castellà*
- 11.35 Concomitant LAA management: when and how I do it (mini)  
*C. Zingaro*
- 11.45 Hybrid ablation and LAA management for Lone AF  
*K. Zannis*
- 11.55 Questions

## 11.50 - 13.00 HOT TOPICS

*Chairmen: A. Berrebi, M. Di Eusanio, F. Grigioni, A. Pitsis*

- 11.50 SAM: what to know and how to avoid it  
*A. Berrebi*
- 12.00 HOCM surgery: much more than a myectomy  
*M. Di Eusanio*
- 12.10 HOCM surgery: let's make it endoscopic  
*A. Pitsis*
- 12.40 Questions

**13.00 Lunch**



## 14.15 From theory to practice

### LIVE SURGERY step by step

*Chairmen: O. Babliak, L. Conradi, M. Solinas, J. Zacharias*

*Chairmen in the OR: U. Kappert, J. Kempfert*

### HOT TOPICS

- Mini MVR and technical complications  
*J. Zacharias*
- Evidence from the Mini Mitral International Registry  
*P. Berretta*
- International Association Interventional Cardiac Surgeon (AICS):  
visions and actions  
*P. Vajjyanath*
- Transaxillary approach: is it only for beginners?  
*U. Kappert*
- Left sided mini approaches for valve surgery  
*O. Babliak*
- Questions

### From the Operative Rooms

**Combined Mitral and Aortic Valve Interventions:  
Surgery vs Trans-catheter**

### LIVE CASE 1

#### **TAVR + mitral TEER**

*Surgeons: F. Maisano / F. Capestro / P. Berretta*

*Cardiologist: C. Lofiego*

### LIVE CASE 2

#### **Transaxillary AVR + MVR**

*Surgeons: M. Di Eusano / C. Zingaro*

*Cardiologist: A. Berrebi*

# GENERAL INFORMATION

## COURSE VENUE

### **Teatro delle Muse**

Piazza della Repubblica  
60121 Ancona

## HOW TO REACH THE VENUE

### **Public transport**

#### *By plane*

Ancona is served by the “Raffaello Sanzio” airport of Falconara Marittima, from where it is possible to take both a taxi and a bus (Line J). The journey takes about 20-30 minutes and stops in Piazza Kennedy, which is only 50 m from Teatro delle Muse.

#### *By train*

Ancona train station is located about 2 km from the city centre and is served by buses and taxis. Upon exiting the station, take Lines 1 and 1/4 towards the centre. Get off at the stop in Piazza Kennedy, from which Teatro delle Muse is 50 minutes away.

#### *By car*

For those coming from the North (A14): Ancona Nord exit. Follow the signs for Ancona and then for the city centre, for about 5 km from the toll booth exit. For those coming from the South (A14): Ancona Sud exit. Follow the signs for Ancona and then for the city centre. After passing the tunnel, continue straight and after the first traffic light turn left and enter Corso Stamira, where there is a large toll car park, which is only 100 m from Teatro delle Muse.

### **Parking**

#### **Parccheggio degli Archi**

Via Mamiani - Ancona

#### **Parccheggio Traiano**

Via XXIX Settembre 2 - Ancona

# GENERAL INFORMATION

## HOW TO REGISTER

On-line registration at <https://www.minicardiacsurgery-univpm-research.com>

## REGISTRATION FEES

(22% VAT included)

	Before April 15 <sup>th</sup>	After April 15 <sup>th</sup>	On site
<b>Surgeons, Perfusionists, Nurses</b>	€ 150,00	€ 200,00	€ 300,00
<b>Resident</b>	free	free	free

Registration fee includes: admittance to all Scientific Sessions, access to the Exhibition Area, congress kit, certificate of attendance, coffee breaks and lunches on June 13<sup>th</sup> and 14<sup>th</sup>.

## CONFERENCE DINNER

**Thursday, June 13<sup>th</sup>**

**Fortino Napoleonico**

Via Poggio, 166 - 60129 Portonovo AN

**Dinner fee: € 50,00** (22% VAT included)

Transfer from the Course venue is included.

The dinner is reserved for a limited number of people.

## CANCELLATION POLICIES

Cancellation of registration has to be compulsorily notified in writing by email to the Organizing Secretariat. 70% of the amount paid will be refunded if cancellation is made no later than May 3<sup>rd</sup>, 2024. After that date there is no refund. All the refunds will be issued after the end of Course.

## OFFICIAL LANGUAGE

The official language of the Course is English.

## CERTIFICATION OF ATTENDANCE

Certificates of attendance will be sent by e-mail at the end of the Course.



**ORGANIZING SECRETARIAT**

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