



POLICLINICO TOR VERGATA CARDIAC SURGERY FOCUS

CAPITULUM I

# LIFETIME MANAGEMENT OF HEART DISEASES

Villa Mondragone • Congress Center

## UNDER THE AUSPICES OF



### COURSE DIRECTOR

**Augusto D'Onofrio**  
Chief, Division of Cardiac Surgery  
University of Rome  
"Tor Vergata"

### SCIENTIFIC SECRETARIAT

**Carlo Bassano**  
University of Rome  
"Tor Vergata"

**Paolo Nardi**  
University of Rome  
"Tor Vergata"

### LOCAL SECRETARIAT

**Nadia Crea**  
University of Rome  
"Tor Vergata"

## FACULTY

- Valentina Ajello** | Rome, Italy  
**Michele Antonello** | Padua, Italy  
**Umberto Benedetto** | Chieti, Italy  
**Stefano Benussi** | Brescia, Italy  
**Paolo Beretta** | Ancona, Italy  
**Nikolaos Bonaros** | Innsbruck, Austria  
**Valentino Borghetti** | Terni, Italy  
**Tomaso Bottio** | Bari, Italy  
**Piergiorgio Bruno** | Rome, Italy  
**Luigi Chiariello** | Rome, Italy  
**Michael Chu** | London, Canada  
**Filippo Crea** | Rome, Italy  
**Giovanni Domenico Cresce** | Vicenza, Italy  
**Ruggero De Paulis** | Rome, Italy  
**Alessandro Della Corte** | Naples, Italy  
**Augusto D'Onofrio** | Rome, Italy  
**Suad El Qarra** | Parma, Italy  
**Giulio Folino** | Rome, Italy  
**Gino Gerosa** | Padua, Italy  
**Giampaolo Luzzi** | Rome, Italy  
**Andrea Magrini** | Rome, Italy  
**Eugenio Martelli** | Rome, Italy  
**Sofia Martín Suarez** | Bologna, Italy  
**Massimo Massetti** | Rome, Italy  
**Giovanni Melina** | Rome, Italy  
**Antonio Messina** | Brescia, Italy  
**Fabio Miraldi** | Rome, Italy  
**Andrea Natale** | Rome, Italy  
**Francesco Onorati** | Verona, Italy  
**Davide Pacini** | Bologna, Italy  
**Calogera Pisano** | Palermo, Italy  
**Gianluca Pontone** | Milano, Italy  
**Giovanni Ruvolo** | Rome, Italy  
**Stefano Salizzoni** | Turin, Italy  
**Giuseppe Massimo Sangiorgi** | Rome, Italy  
**Marco Solinas** | Massa, Italy  
**Giuseppe Stifano** | Rome, Italy  
**Giuseppe Tarantini** | Padova, Italy  
**Bradley Taylor** | Baltimore, USA  
**Gianluca Torregrossa** | Wynnewood, USA  
**Hendrik Treede** | Mainz, Germany  
**Igor Vendramin** | Udine, Italy

# PRELIMINARY PROGRAM

MARCH  
27, 2025



10.00 Registration and welcome coffee

10.30 **OPENING**

11.30 MODERATORS: *A. D'Onofrio, L. Chiariello, G. Ruvolo*

10.30 **RETTORE, UNIVERSITÀ DEGLI STUDI DI ROMA "TOR VERGATA"**  
*Nathan Levialdi Ghiron*

10.35 **COMMISSARIO STRAORDINARIO, POLICLINICO "TOR VERGATA"**  
*Isabella Mastrobuono*

10.40 **PRESIDE FACOLTÀ DI MEDICINA E CHIRURGIA,  
UNIVERSITÀ DEGLI STUDI DI ROMA "TOR VERGATA"**  
*Stefano Marini*

10.45 **DIRETTORE SANITARIO, POLICLINICO "TOR VERGATA"**  
*Andrea Magrini*

10.50 **I 20 anni della cardiocirurgia del PTV: La prima decade**  
*L. Chiariello*

11.05 **I 20 anni della cardiocirurgia del PTV: La seconda decade**  
*G. Ruvolo*

11.30 **I SESSION**

13.00 **LIFETIME MANAGEMENT  
OF AORTIC VALVE STENOSIS**

MODERATORS: *S. El Qarra, H. Treede, G. Luzi*

11.30 **Bioprosthesis durability: SAVR is the benchmark  
but TAVR is quickly approaching**  
*A. D'Onofrio*

11.40 **Guideline vs practice: surgery vs. TAVR in young patients**  
*F. Onorati*

11.50 **Surgeons (should) do it better: strategies to optimize SAVR in 2025**  
*H. Treede*

12.00 **Sutureless and rapid deployment aortic bioprostheses:  
when, where and how?**  
*P. Beretta*

12.10 **Degeneration of aortic surgical bioprostheses:  
what's next? Redo or ViV?**

*G. Luzi*

12.20 **Aortic valve reoperations in challenging scenarios:  
TAVR, stentless and pulmonary autografts**  
*A. Messina*

12.30 **The importance of planning properly TAVR-in-SAVR  
and TAVR-in-TAVR**  
*G. Tarantini*

12.40 **PANEL DISCUSSION**  
*Moderators and Presenters*

13.00 **LUNCH**

14.00 **II SESSION**

15.25 **LIFETIME MANAGEMENT OF AORTIC VALVE REGURGITATION**  
MODERATORS: *M. Chu, M. Massetti, A. Della Corte*

14.00 **Aortic Regurgitation Across the Ages:  
Tailoring Treatment from Young Adults to the Elderly**  
*S. El Qarra*

14.10 **Mastering the Art of aortic Valve Repair:  
general principles we all need to know**  
*R. De Paulis*

14.20 **Bicuspid vs tricuspid aortic regurgitation:  
impact on surgical management**  
*H. Treede*

14.30 **TAVR in pure aortic regurgitation**  
*G. Tarantini*

14.40 **Ross procedure: the ultimate solution for lifetime  
management of aortic valve disease**  
*M. Chu*

14.50 **PANEL DISCUSSION**  
*Moderators and Presenters*

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15.10

## III SESSION

16.40

### LIFETIME MANAGEMENT OF MITRAL VALVE DISEASE

MODERATORS: *N. Bonaros, P. Beretta, G. Melina*

15.10 **Resect, Respect and Restore: 3 strategies for mitral valve repair**

*G. Gerosa*

15.20 **Different techniques for Barlow's repair**

*N. Bonaros*

15.30 **Results of endoscopic mitral valve repair**

*G.D. Cresce*

15.40 **Transcatheter edge-to-edge mitral valve repair: state of the art**

*M. Sangiorgi*

15.50 **Outcomes of mitral surgery after failed TEER**

*M. Chu*

16.00 **Functional MV regurgitation and coronary artery disease:  
how to choose the best strategy**

*G. Melina*

16.10 **Transapical beating heart Neochords implantation:  
indications and results**

*S. Salizzoni*

16.20 **PANEL DISCUSSION**

*Moderators and Presenters*

16.40 **COFFEE BREAK**

17.00

## IV SESSION

18.20

### LIFETIME MANAGEMENT OF CORONARY ARTERY DISEASE

MODERATORS: *G. Torregrossa, L. Pisano, G. Tarantini*

17.00 **Cardiac CT from diagnosis to guide medical  
and interventional therapy in ischemic heart disease**

*G. Pontone*

17.10 **CABG vs PCI in multivessel CAD: updates on the most recent trials**

*M. Sangiorgi*

17.20 **Conduits and Strategies for Arterial Revascularization in CABG**

*U. Benedetto*

17.30 **Robotic CABG**

*G. Torregrossa*

17.40 **New technologies to improve vein graft patency**

*V. Borghetti*

17.50 **Coronary artery disease and aortic valve stenosis:  
what is the best approach?**

*P. Bruno*

18.00 **PANEL DISCUSSION**

*Moderators and Presenters*

18.20 **HONORED GUEST LECTURE**

### DEVELOPING AN ACADEMIC CAREER IN CARDIOVASCULAR MEDICINE: THE ROLE OF MENTORS, PUBLICATIONS AND SCIENTIFIC NETWORK

*F. Crea (Editor in chief European Heart Journal)*

18.40 **End of the first day**

20.00 **CONFERENCE DINNER**

# PRELIMINARY PROGRAM

MARCH  
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08.30

## V SESSION

10.00

### LIFETIME MANAGEMENT OF CHRONIC AORTIC DISEASE

MODERATORS: *B. Taylor, E. Martelli, F. Miraldi*

08.30 **Beyond aortic diameter: all the variables to consider for aortic surgery**  
*A. Della Corte*

08.40 **How to evaluate the extension of surgery according to genetics, age and anatomy**  
*U. Benedetto*

08.50 **Frozen elephant trunk: indications, results and complications**  
*D. Pacini*

09.00 **FET in zone 0: democratization of a complex procedure?**  
*M. Solinas*

09.10 **Cerebral protection: latest evidences and trends**  
*P. Beretta*

09.20 **Endovascular Repair of Aortic Arch Aneurysms and Dissections**  
*B. Taylor*

09.40 **PANEL DISCUSSION**  
*Moderators and Presenters*

10.00

## VI SESSION

11.30

### LIFETIME MANAGEMENT OF TYPE A ACUTE AORTIC DISSECTION

MODERATORS: *V. Ajello, I. Vendramin, D. Pacini*

10.00 **Limited vs extended repair in type A acute aortic dissection**  
*D. Pacini*

10.10 **Management of malperfusion in type A acute aortic dissection**  
*I. Vendramin*

10.20 **Intraoperative monitoring and postoperative care in type A acute aortic dissection**  
*V. Ajello*

10.30 **Zone 0 repair and bare stenting of the arch**  
*S. Benussi*

10.40 **EndoBentall for Type A Dissection: The Maryland Experience**  
*B. Taylor*

10.50 **Lifetime management of Type A aortic dissection: initial strategy and subsequent treatment options**  
*A. D'Onofrio*

11.00 **Non-A Non-B and type B: when endovascular and when surgery**  
*M. Antonello*

11.10 **PANEL DISCUSSION**  
*Moderators and Presenters*

11.30 **COFFEE BREAK**

# PRELIMINARY PROGRAM

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12.00

## VII SESSION

13.00

### LIFETIME MANAGEMENT OF ATRIAL FIBRILLATION

MODERATORS: *A. Natale, S. Benussi, U. Benedetto*

12.00 **Left atrial appendage closure during cardiac surgery:  
does evidence support extensive indication?**

*G.D. Cresce*

12.10 **Is surgery for atrial fibrillation enough?**

**The importance of medications and of follow up**

*G. Stifano*

12.20 **Lone afib+hybrid/convergent**

*S. Benussi*

12.30 **Catheter based strategy for atrial fibrillation in the 21<sup>st</sup> century**

*A. Natale*

12.40 **PANEL DISCUSSION**

*Moderators and Presenters*

13.00 **LUNCH**

14.00

## VIII SESSION

15.10

### LIFETIME MANAGEMENT OF HEART FAILURE

MODERATORS: *S. Martín Suarez, G. Gerosa, I. Vendramin*

14.00 **Management of cardiogenic shock: role of MCS and transplant**

*S. Martín Suarez*

14.10 **Strategies for Expanding Donors Pool in Heart Transplantation**

*T. Bottio*

14.20 **Organ preservation in 2025: state of the art**

*I. Vendramin*

14.30 **Beating heart transplant procedures from DCD donors**

*G. Gerosa*

14.40 **Cardiac Xenotransplantation: lessons learned and future considerations**

*B. Taylor*

14.50 **PANEL DISCUSSION**

*Moderators and Presenters*

15.10

## IX SESSION

16.40

### LIVE IN A BOX

MODERATORS: *S. El Qarra, S. Martín Suarez, L. Pisano*

16.40

### TAKE HOME MESSAGES, CLOSURE AND ADJOURN

*A. D'Onofrio*

# GENERAL INFORMATION

## VENUE

### VILLA MONDRAGONE CONFERENCE CENTER

Via Frascati, 51  
00040 Monte Porzio Catone (RM), Italy

## BY CAR

- **FROM HIGHWAY AI MILANO - NAPOLI  
FROM HIGHWAY A24 ROMA - L'AQUILA/PESCARA:**  
Follow direction Roma Sud, exit Monte Porzio Catone, then follow signs to Villa Mondragone.
- **FROM HIGHWAY AI ROMA - NAPOLI:**  
Exit Monte Porzio Catone, then follow signs to Villa Mondragone.
- **FROM DOWNTOWN ROMA:**  
Take the G.R.A. (Grande Raccordo Anulare, the Roma Beltway) to the highway A1 Roma - Napoli (Exit No. 19).  
Exit Monte Porzio Catone, then follow signs to Villa Mondragone

## BY TRAIN

- **FROM ROMA TERMINI RAILWAY STATION:**  
The train ride is approximately 30 minutes; a one-way ticket costs 2,10 Euro.
- **FROM FRASCATI STATION:**  
Villa Mondragone can be reached by taxi with a 10 minute ride.

## OFFICIAL LANGUAGE

The official language is English

## CERTIFICATION OF ATTENDANCE

Certificates of Attendance will be sent by e-mail at the end of the Conference

## CONFERENCE DINNER

ON MARCH 27TH, 2025 AT H. 20.00

## VILLA TUSCOLANA

Villa Tuscolana, located on the slopes of Mount Tuscolo, was built in 1578 on the ruins of Cicero's ancient Roman residence. Originally owned by Cardinal Alessandro Rufini, it gained the name "La Rufinella." In the 18th century, architect Luigi Vanvitelli transformed it into a luxurious residence for the Jesuit Order. Over the years, it hosted many prominent figures, including Prince Luciano Bonaparte and Queen Maria Cristina of Bourbon. In 1872, King Vittorio Emanuele II financed excavations around the villa, uncovering historical ruins. Later, Elisabetta Aldobrandi Lancellotti merged the villa with two others through underground tunnels. Damaged during WWII, it was restored and became a hotel under the Salesian Order.

THE DINNER HAS A COST OF € 50,00



# GENERAL INFORMATION

## REGISTRATION FEES

(PRICE INCLUDING 22% VAT)

PHYSICIAN, PERFUSIONIST	€ 200,00	€ 300,00 <i>(on site)</i>
PHYSICIAN SICCH MEMBERS*	€ 150,00	€ 300,00 <i>(on site)</i>
RESIDENT	FREE	
CONFERENCE DINNER	€ 50,00	

\*REDUCED FEE FOR INDIVIDUAL REGISTRATIONS ONLY

Registration fee includes: Admittance to all sessions, access to the exhibition, Congress kit, coffee breaks, light lunches on March 27th and 28th.

## HOW TO REGISTER

On-line registration on the Noema website: [www.noemacongressi.it](http://www.noemacongressi.it)





**MARCH**  
**27-28**  
**2025**

**PTV CARDIAC SURGERY XX ANNIVERSARY**



**ORGANIZING SECRETARIAT**

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