



POLICLINICO TOR VERGATA CARDIAC SURGERY FOCUS

CAPITULUM I

LIFETIME MANAGEMENT OF HEART DISEASES

Villa Mondragone • Congress Center

UNDER THE AUSPICES OF



REGIONE
LAZIO



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 | *Roma, Italy*

Michele Antonello | *Padova, Italy*

Carlo Bassano | *Roma, Italy*

Umberto Benedetto | *Chieti, Italy*

Stefano Benussi | *Brescia, Italy*

Paolo Berretta | *Ancona, Italy*

Nikolaos Bonaros | *Innsbruck, Austria*

Valentino Borghetti | *Terni, Italy*

Tomaso Bottio | *Bari, Italy*

Piergiorgio Bruno | *Roma, Italy*

Luigi Chiariello | *Roma, Italy*

Michael Chu | *London, Canada*

Filippo Crea | *Roma, Italy*

Giovanni Domenico Cresce | *Vicenza, Italy*

Ruggero De Paulis | *Roma, Italy*

Alessandro Della Corte | *Napoli, Italy*

Augusto D'Onofrio | *Roma, Italy*

Suad El Qarra | *Parma, Italy*

Michele Galeazzi | *Ancona, Italy*

Gino Gerosa | *Padova, Italy*

Giampaolo Luzi | *Roma, Italy*

Eugenio Martelli | *Roma, Italy*

Sofia Martin Suarez | *Bologna, Italy*

Paolo Magagna | *Mestre, Italy*

Massimo Massetti | *Roma, Italy*

Giovanni Melina | *Roma, Italy*

Antonio Messina | *Brescia, Italy*

Fabio Miraldi | *Roma, Italy*

Paolo Nardi | *Roma, Italy*

Andrea Natale | *Roma, Italy*

Francesco Onorati | *Verona, Italy*

Davide Pacini | *Bologna, Italy*

Calogera Pisano | *Palermo, Italy*

Gianluca Pontone | *Milano, Italy*

Giovanni Ruvolo | *Roma, Italy*

Stefano Salizzoni | *Torino, Italy*

Giuseppe Massimo Sangiorgi | *Roma, Italy*

Marco Solinas | *Massa, Italy*

Giuseppe Stifano | *Roma, Italy*

Giuseppe Tarantini | *Padova, Italy*

Vincenzo Tarzia | *Padova, Italy*

Bradley Taylor | *Baltimore, USA*

Gianluca Torregrossa | *Wynnewood, USA*

Hendrik Treede | *Mainz, Germany*

10.00 Registration and welcome coffee

10.30

OPENING

11.30

10.30 Course introduction

A. D'Onofrio

10.35 RETTORE, UNIVERSITÀ DEGLI STUDI DI ROMA "TOR VERGATA"

Nathan Levaldi Ghiron

10.40 COMMISSARIO STRAORDINARIO, POLICLINICO "TOR VERGATA"

Isabella Mastrobuono

**10.45 PRESIDE FACOLTÀ DI MEDICINA E CHIRURGIA,
UNIVERSITÀ DEGLI STUDI DI ROMA "TOR VERGATA"**

Stefano Marini

10.50 DIRETTORE SANITARIO, POLICLINICO "TOR VERGATA"

Andrea Magrini

10.55 I 20 anni della cardiocirurgia del PTV: La prima decade

L. Chiariello

11.10 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

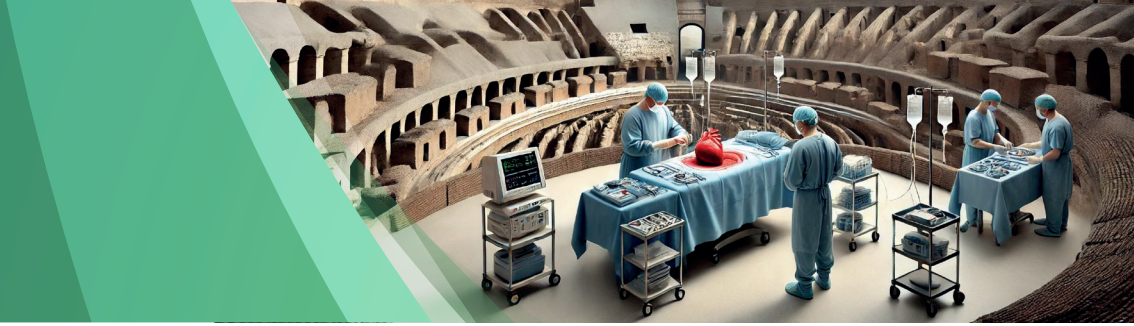
F. Onorati

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. Berretta



**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

15.10

III SESSION

16.40

LIFETIME MANAGEMENT OF MITRAL VALVE DISEASE

MODERATORS: *C. Pisano, N. Bonaros, 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

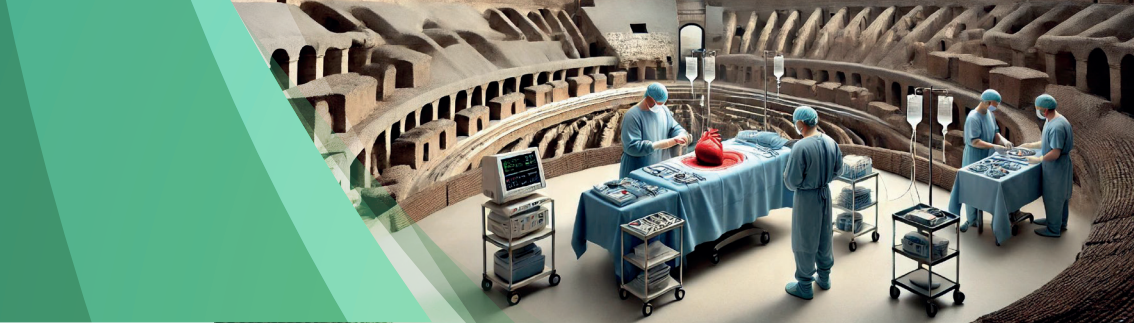
16.20

PANEL DISCUSSION

Moderators and Presenters

16.40

COFFEE BREAK



17.00

IV SESSION

18.20

LIFETIME MANAGEMENT OF CORONARY ARTERY DISEASE

MODERATORS: G. Tarantini, G. Torregrossa, P. Nardi

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 of the European Heart Journal)

18.40

End of the first day

20.00

CONFERENCE DINNER

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. Magagna

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, D. Pacini, C. Bassano*

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

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 21st 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**

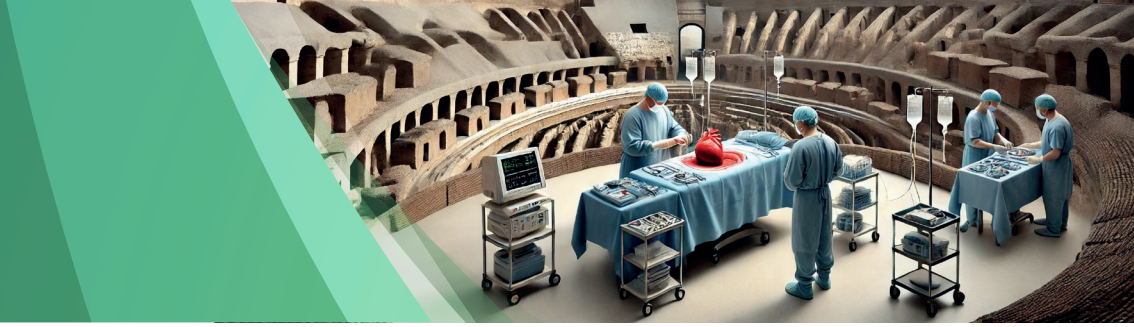
G. Gerosa

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

B. Taylor

14.50 **PANEL DISCUSSION**

Moderators and Presenters



15.10

IX SESSION

16.30

LIVE IN A BOX

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

15.10

Frozen elephant trunk with T-next

M. Galeazzi

15.20.

Frozen elephant trunk in zone-0 with Evita open neo trifurcated

M. Solinas

15.30

Complex re-SAVR with Perceval

A. Messina

15.40

Endoscopic SAVR with Intuity

G.D. Cresce

15.50

CABG with external support of saphenous vein graft with VEST

V. Borghetti

16.00

Microinvasive transapical beating heart mitral valve repair and left atrial appendage closure

V. Tarzia

16.10

PANEL DISCUSSION

Moderators and Presenters

16.30

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

HOW TO REACH THE COFERENCE VENUE

Monte Porzio Catone is a charming town located in the Castelli Romani area. You can reach it:

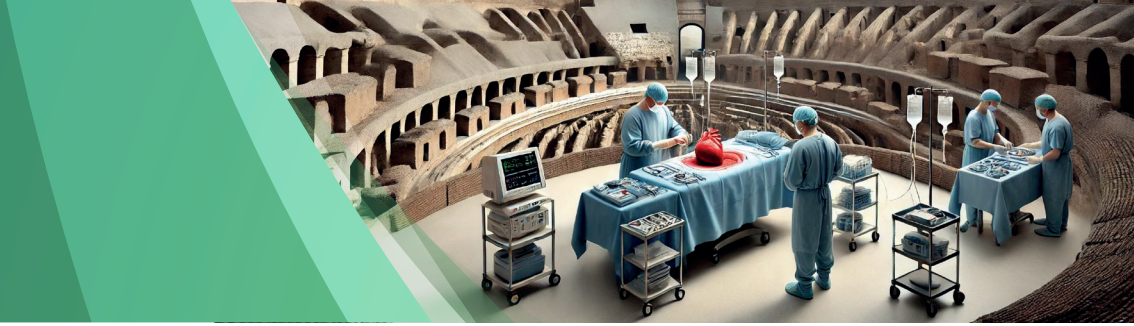
BY CAR:

- **FROM HIGHWAY A1 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 A1 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

Free parking is available on-site.

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

ORGANIZING SECRETARIAT

N O E M A

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