

Tricuspid Interventions under the Leaning Tower TILT 2025

(a PCR Tricuspid Focus Group Referral Meeting)

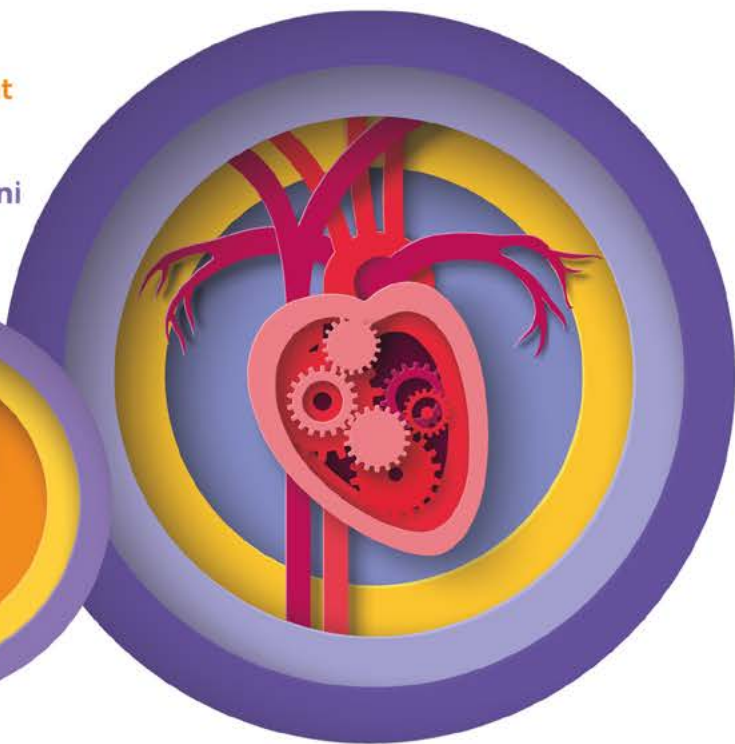
Pisa, September 22-23, 2025

Centro congressuale Macc
della Camera di Commercio Toscana Nord Ovest

Course Director
Marco De Carlo

Co-Directors
Sergio Berti
Italo Porto

Scientific Secretariat
Alessandro Sticchi
Cristina Giannini
Massimiliano Mariani
Matteo Mazzola
Vered Gil Ad



Monday 22 September

- 08:15** Participants' registration
08:30 Objectives of the Course **M. De Carlo, S. Berti, I. Porto**
08:40 Greetings from authorities

SESSION 1 | Pathophysiology and Natural History of Tricuspid Regurgitation

Chairs: **F. Bovenzi, S. Berti**

- 08:50** Pathophysiology and Natural History of Tricuspid Regurgitation **M. De Carlo**
09:12 Medical Therapy of Tricuspid Regurgitation **A. Giannoni**
09:34 Cardiac Implantable Electronic Devices and Tricuspid Regurgitation **G. Zucchelli**
09:56 *Lecture: "Red flags" of Tricuspid Regurgitation* **M. Adamo**

SESSION 2 | Echocardiography for Tricuspid Regurgitation

Chairs: **L. Gargani, A. Sannino**

- 10:18** Anatomy and Classification of Tricuspid Regurgitation **M. Mazzola**
10:40 Cardiopulmonary Exercise Testing for Tricuspid Regurgitation **N.R. Pugliese**
11:02 Transoesophageal Echocardiography for Tricuspid Regurgitation **P. Spontoni**
11:24 *Lecture: Transthoracic Echocardiography for Tricuspid Regurgitation* **D. Muraru**

11:46 *Coffee Break with the Experts*

SESSION 3 | Echocardiography for Transcatheter Edge-to-Edge Repair (T-TEER)

Chairs: **V. Gil Ad, C. Giannini**

- 12:04** Echocardiographic Screening for T-TEER **V. Cammalleri**
12:26 Intracardiac Echocardiography for Tricuspid Interventions **M. Mariani**
12:48 *Lecture: Intra-procedural Transoesophageal Echocardiography* **R. Hahn**
13:10 Meet the experts

13:20 *Lunch*

SESSION 4 | Transcatheter Edge-to-Edge Tricuspid Repair

Chairs: **I. Porto, A.S. Petronio**

- 14:10** Edge-to-Edge Repair: Available Devices **F. Saia**
14:32 Edge-to-Edge Repair: the Procedure Step-by-Step **S. Berti**
14:54 Echocardiographic assessment of procedural results of edge-to-edge repair **A. D'Agostino**
15:16 *Lecture: Edge-to-Edge Repair: Overview of Clinical Trials* **N. Karam**

15:38 *Coffee Break with the Experts*

SESSION 5 | Transcatheter Tricuspid Replacement (TTVR)

Chairs: **A. Colli, F. Saia**

- 16:00** Cardiac CT as a Screening Tool for Tricuspid Replacement **L. Pastormerlo**
16:22 Transcatheter Replacement Devices: Anchoring to the Leaflets **L. Stolz**
16:44 Transcatheter Replacement Devices: Anchoring to the Annulus **C. Giannini**
17:06 Implantation of Valved Stents in the Caval Veins (CAVI) **S. Guarracini**
17:28 *Lecture: Transcatheter Replacement Devices: Overview of Clinical Trials* **B. Melica**
17:50 Meet the experts



SESSION 6 | The Network for Tricuspid Regurgitation from the Territory to the Hub

Chairs: **M. Emdin, M. De Carlo**

18:10 Building Awareness and Referral Networks (PCR Tricuspid Focus Group) **A. Sticchi**

18:20 Round Table

E. Pasanisi Associazione Nazionale Medici Cardiologi Ospedalieri (ANMCO)

F. Costantino Scirocco Associazioni Regionali Cardiologia Ambulatoriale (ARCA)

L. Puccetti Federazione Italiana Medici di Medicina Generale (FIMMG)

18:45 End of the day

Tuesday 23 September

KEYNOTE LECTURE | 2025 ESC Guidelines on Valvular Heart Disease

08:30 Lecture: 2025 ESC Guidelines: Mitral and Tricuspid Regurgitation **F. Praz**

SESSION 7 | Interactive Clinical Cases (QR code) of Tricuspid Echocardiography

Chairs: **K. Lucarelli, G. Musumeci**

08:50 Case 1: Screening for T-TEER **C. Giannini**

09:10 Case 2: Screening for T-TEER **A. D'Agostino**

09:30 Case 3: Intraprocedural Guidance for T-TEER **M. Mazzola**

09:50 Coffee Break with the Experts

SESSION 8 | Simulation of Transesophageal Echo and Transcatheter Interventions

Tutors: **A. D'Agostino, C. Giannini, V. Gil Ad, M. Mariani, M. Mazzola,**

K. Lucarelli, G. Salerno, P. Spontoni, L. Stazzoni

10:05 Participants are divided into two groups that swap to attend two 75-minute sessions.

ROOM A

- Simulation for Interventionists **A. Sticchi**
- Simulation for TEE **A. Sannino**
- Bioengineering for Cardiology **G. Ciuti**
- Post-procedural Medical Therapy **S. Giovino**

ROOM B

- Simulators of TEE
- Simulators of Intracardiac echo
- Simulators of T-TEER
- Simulators of TTVR and CAVI

SESSION 9 | Aperi-TEER Contest

Chairs: **N. Karam, B. Melica, A. Sannino, L. Stolz**

12:35 Six 6-minute presentations of clinical cases of tricuspid regurgitation.

The best case, chosen by our international faculty, will receive a prize.

13:15 Take-Home Messages **M. De Carlo, S. Berti, I. Porto**



Tricuspid Interventions under the Leaning Tower TILT 2025

(a PCR Tricuspid Focus Group Referral Meeting)



Course Director

Marco **De Carlo**

Faculty

Marianna **Adamo** *Brescia*
Sergio **Berti** *Massa*
Francesco **Bovenzi** *Lucca*
Valeria **Cammalleri** *Roma*
Gastone **Ciuti** *Pisa*
Andrea **Colli** *Pisa*
Fabio **Costantino Scirocco** *Massa*
Andreina **D'Agostino** *Massa*
Marco **De Carlo** *Pisa*
Michele **Emdin** *Pisa*
Luna **Gargani** *Pisa*
Cristina **Giannini** *Pisa*
Alberto **Giannoni** *Pisa*
Vered **Gil Ad** *Genova*
Stefano **Giovinazzo** *Genova*
Stefano **Guarracini** *Pescara*
Rebecca **Hahn** *New York (USA)*
Nicole **Karam** *Paris (FR)*
Katya **Lucarelli** *Bari*
Massimiliano **Mariani** *Massa*
Matteo **Mazzola** *Pisa*
Bruno **Melica** *Vila Nova de Gaia (PT)*
Denisa **Muraru** *Milano*
Giuseppe **Musumeci** *Torino*
Emilio **Pasanisi** *Livorno*
Luigi **Pastormerlo** *Massa*
Anna Sonia **Petronio** *Pisa*
Italo **Porto** *Genova*
Fabien **Praz** *Bern (CH)*
Luca **Puccetti** *Pisa*
Nicola R. **Pugliese** *Pisa*
Francesco **Saia** *Bologna*
Gemma **Salerno** *Napoli*
Anna **Sannino** *Berlin (DE)*
Paolo **Spontoni** *Pisa*
Laura **Stazzoni** *Pisa*
Alessandro **Sticchi** *Pisa*
Lukas **Stolz** *Munich (DE)*
Giulio **Zucchelli** *Pisa*

Scientific Secretariat

Alessandro **Sticchi**
Cristina **Giannini**
Massimiliano **Mariani**
Matteo **Mazzola**
Vered **Gil Ad**

Co-Directors

Sergio **Berti**
Italo **Porto**

Venue

Centro congressuale Macc
della Camera di Commercio Toscana Nord-Ovest
Piazza Vittorio Emanuele II, 5 - 56125 Pisa (Italy)

CME

The Course is accredited in the Italian CME - Age-Na.S program for the following professional figures: **Physician** for the disciplines in Cardiology, Internal Medicine, General Practice (Family Doctors)

ID CME: **486-457089**

CME credits: **12** (Italian attendees only)

Registration fees

Participation in the course: **free**

Social Dinner: **€ 50 + VAT**

Full information and registration on:

<https://www.symposiacongressi.com/en/tilt-2025-eng/>

Organising Secretariat and CME Provider

SYMPOSIA | We care
ORGANIZZAZIONE CONGRESSI

Symposia Organizzazione Congressi Srl

Provider accreditato Age.Na.S. N. 486

Piazza Campetto, 2/8 – 16123 Genova

+39 010 255146 | symposia@symposiacongressi.com

Supported by an unrestricted educational grant from



INNOVA HTS
HEALTH TECHNOLOGY SOLUTIONS



Edwards

PHILIPS

PRO.MED.