

TRI-CARE 2026

Tricuspid Regurgitation: Integrated Care: A multidisciplinary approach for Repair and rEplacement

A PCR-Endorsed Educational Course

November 5–6, 2026

Location: Maria Cecilia Hospital – Cotignola

The course is mainly aimed at general practitioners, clinical cardiologists and sonographers

Main objectives:

- A deep knowledge of mitral valve disease in all its manifestations, with a focus on the diagnosis and natural history of the disease.
- A deep dive into all the new imaging and diagnostic methodologies
- Using pre-planned and live-in-a-box cases, explore after a correct evaluation in the Heart Team the best therapeutic options both in the field of medical therapy and interventional endovascular and surgical therapy.
- The simulation stations will allow all participants to experience first-hand what has been explained and seen during the course.

THURSDAY, NOVEMBER 5, 2026

Session 1 – Tricuspid Valve Anatomy & Pathophysiology

15:00–15:10 Welcome and Course Introduction

15:10–15:25 Functional Anatomy of the Tricuspid Valve

15:25–15:40 Mechanisms of Tricuspid Regurgitation

15:40–15:55 Natural History and Clinical Impact of tricuspid regurgitation

15:55–16:10 Management of tricuspid regurgitation: etiology-driven scenarios

16:10–16:30 Discussion

16:30–17:00 *Simulation Session 1: Anatomy of the tricuspid valve (porcine heart)*

17:00–17:20 Coffee Break

Session 2 – Multimodality Imaging in Tricuspid Regurgitation

17:20–17:45 Transthoracic Echocardiography: Quantification & Pitfalls

17:45–18:00 Transesophageal Echocardiography (2D/3D)

18:00–18:15 Intracardiac imaging of the tricuspid valve

18:15–18:30 Discussion & Key Take-Home Messages

FRIDAY, NOVEMBER 6, 2026

Session 3 – Medical therapy for severe TR

08:30–08:45 Optimal medical therapy: what do we mean?

08:45–09:00 New drugs in the toolbox

09:00–09:15 Timing of intervention: when is it too early or too late?

09:15–09:30 Discussion

Session 4 – Tricuspid TEER

09:30–09:45 Patient Selection for TEER

09:45–10:00 Devices and Technologies

10:00–10:15 Step-by-Step Procedure

10:15–10:30 Current clinical Evidence

10:30–10:45 Discussion

10:45–11:00 LIVE IN THE BOX – TEER Case

11:00–11:30 *Simulation Session 1*

11:30–11:45 Coffee Break

Session 5 – Transcatheter Tricuspid Valve Replacement (TTVR)

- 11:45–12:00** Anatomical Screening & CT Planning
- 12:00–12:15** Device Landscape (orthotopic TTVR)
- 12:15–12:30** Eterotopic implantation
- 12:30–12:45** Clinical outcomes of the available devices
- 12:45–13:00** Discussion
- 13:00–13:15** LIVE IN THE BOX – TTVR Case
- 13:15–13:45** *Simulation Session 2*
- 13:45–14:30** Lunch Break

Session 6 – Surgical approaches

- 14:30–14:45** Surgical Indications in the Modern Era
- 14:45–15:00** Repair Techniques
- 15:00–15:15** Replacement Strategies
- 15:15–15:30** Discussion
- 15:30–15:45** LIVE IN THE BOX – Surgical case
- 15:45–16:15** *Simulation Session 2*
- 16:15–16:30** Final Remarks & Take-Home Messages

Simulation Sessions

Anatomical station: porcine heart (day 1)

Station n.1: TEER

Station n.2: TEEmothy

Station n.3: TTVR

Three groups will rotate among the three stations during the scheduled sessions in order to achieve 90 min of simulation training for each participant.

Cotignola, May 11th 2026