



# Mitral valve and Tricuspid valve course

4<sup>th</sup> Edition

From anatomy to intervention

Organized by Heart Valvular Diseases Center

**November 27 and 28, 2026**

Hospital da Luz Learning Health - Training and Simulation Center  
Hospital da Luz Lisboa auditorium



## Programe

### Day 27

#### PRESENTATION

Hospital da Luz Lisboa auditorium

08h00 Check in

08h30 **Welcome session**

Rui Maio | Pedro Adragão | Regina Ribeiras

08h35 **PCR Tricuspid Focus Group**

Victoria Delgado

08h45 **Tricuspid Regurgitation (TR) - Clinical perspective - whom to treat and when to treat according to the ESC/EACVI guidelines**

Victoria Delgado

09h10 **Tricuspid Valve imaging optimization for the best selection and definition of intervention strategy to achieve procedural success. Can quantification algorithms and multimaging help?**

Regina Ribeiras

09h25 **Focus on functional TR: atrial secondary or ventricular secondary TR - how distinctive are these two phenotypes in impacting treatment strategies?**

Nina Ajmone Marsan (Online)

09h40 **Echo imaging for TR and pace wires: Which are the Echo clues to decide intervention strategy**

Manuel Barreiro Pérez

09h55 **Right Heart Catheterization for pulmonary hypertension: practical flowcharts to achieve the best therapeutic strategy decisions**

10h10 Coffee break

#### PRESENTATION

Hospital da Luz Learning Health  
- Training and Simulation Center

10h40 **Screening Echo for TV TEER - focus on TTE: minimum and mandatory dataset - Report type proposal**

Marisa Trabulo

10h55 **Screening Echo for TV TEER - focus on TEE: minimum and mandatory dataset - Report type proposal**

Ana Botelho



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## Day 27

### 11h10 HANDS-ON AND SIMULATORS HANDS-ON

Hospital da Luz Learning Health  
- Training and Simulation Center

#### SESSION 1

- Wet lab | Heart anatomy
- Echo machines and human models for transthoracic Echo to optimize 3D acquisition
- Workstations | Echopac and TomTec - on selected Echo Cases - train MPR
- TOE simulators
- Right heart CATHI simulator
- Beating heart simulators I
- Beating heart simulators II
- CT-TEE fusion WS

13h10 Lunch

### 14h10 Beating Heart Minimally invasive TV surgery: the phoenix of surgery for isolated tricuspid regurgitation. Does the minimally invasive approach make a difference?

Tiago Nolasco

### 14h30 Tricuspid Valve regurgitation: show us your most tricky 3 cases on screening and guiding TEER and how you solved them

Manuel Barreiro Pérez

### 14h40 HANDS-ON AND SIMULATORS HANDS-ON

Hospital da Luz Learning Health  
- Training and Simulation Center

#### SESSION 2

- Wet lab | Heart anatomy
- Echo machines and human models for transthoracic Echo to optimize 3D acquisition
- Workstations | Echopac and TomTec - on selected Echo Cases - train MPR
- TOE simulators
- Right heart CATHI simulator
- Beating heart simulators I
- Beating heart simulators II
- CT-TEE fusion WS

17h40 End of 1<sup>st</sup> day



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## Day 28

### PRESENTATION

Hospital da Luz Lisboa auditorium

09h00 **Is it never too late for Secondary Mitral Regurgitation Transcatheter Edge to Edge Repair (TEER) - Lessons from the COAPT Trial to follow?**

Victoria Delgado

09h15 **Secondary MR - different phenotypes, distinctive strategies, and results**

Regina Ribeiras

09h30 **Screening primary MR for TEER and surgical repair - Barlow vs fibroelastosis. Which adjunctive information on quantification can MRi add?**

João Abecasis

09h45 **Mitral Valve regurgitation: show us your difficult 3 cases on screening and guiding MV-TEER and how you solved them**

Manuel Barreiro Pérez

10h00 Coffee break

### PRESENTATION

Hospital da Luz Learning Health  
- Training and Simulation Center

10h30 **Focus on transeptal access - screening for difficult anatomies. Intraprocedural guiding tips and tricks**

Pedro Freitas

**Focus on TMVR: which patients do not have anatomy to be treated by MV-TEER? TOE and AngioCT screening are mandatory?**

Sara Guerreiro

11h15 **HANDS-ON AND SIMULATORS HANDS-ON**

Hospital da Luz Learning Health  
- Training and Simulation Center

### SESSION 1

- Echo machines and human models for transthoracic Echo to optimize 3D acquisition
- Workstations | Echopac and TomTec - on selected Echo Cases - train MPR
- TOE simulators
- Beating heart simulators I
- Beating heart simulators II
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13h30 Lunch



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## Day 28

14h45 **Fusion imaging: TOE-CT for screening and TOE-Fluoro for guiding MV-TEER: does it make a difference?**

Manuel Barreiro Pérez

15h00 **Tricuspid and Mitral valve regurgitation: the impact of simulator training to achieve the best TOE performance on screening and guiding for TV and MV surgical and percutaneous interventions**

Victoria Delgado

15h15 **HANDS-ON AND SIMULATORS HANDS-ON**

Hospital da Luz Learning Health  
- Training and Simulation Center

### SESSION 2

- Echo machines and human models for transthoracic Echo to optimize 3D acquisition
- Workstations | Echopac and TomTec - on selected Echo Cases - train MPR
- TOE simulators
- Beating heart simulators I
- Beating heart simulators II
- CT-TEE fusion WS

17h45 Closing

#### Course directors:

**Regina Ribeiras** (Cardiologia, Hospital da Luz Lisboa) | **Marisa Trabulo** (Cardiologia, Hospital da Luz Lisboa) | **Pedro Freitas** (Cardiologia, Hospital da Luz Oeiras)

#### Organization:

Centro de Doença Valvular do Hospital da Luz e Hospital de Santa Cruz - CHLO

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More information here: <https://learninghealth.up.events/e/mitral-valve-and-tricuspid-valve-course-from-anatomy-to-intervention-4th-edition>

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