



Mitral valve and Tricuspid valve course

3rd Edition

From anatomy to intervention

Organized by Heart Valvular Diseases Center

November 28 and 29, 2025

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



Programme

Day 28

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

09h00 **Tricuspid Valve: proposed new leaflet nomenclature, quantification methods, and classification. How can AI algorithms and multimaging help?**

Regina Ribeiras

09h15 **Focus on functional TR: atrial secondary or ventricular secondary TR – how distinctive are these two phenotypes in impacting treatment strategies?**

Nina Marsan

09h30 **Echo imaging for TR and pace wires: Which are the Echo clues to decide intervention strategy**

Manuel Barreiro

09h45 **Right Heart Catheterization for pulmonary hypertension: practical flowcharts to achieve the best therapeutic strategy decisions**

Rui Plácido

10h00 Coffee break

PRESENTATION

Hospital da Luz Learning Health
- Training and Simulation Center

10h30 **Screening Echo for TV TEER - focus on TTE: minimum and mandatory dataset - Report type proposal**

Marisa Trabulo

10h45 **Screening Echo for TV TEER - focus on TEE: minimum and mandatory dataset - Report type proposal**

Ana Botelho



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Day 28

11h00 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
- ICE 3D
- CT-TEE fusion WS

13h00 Lunch

14h00 Beating Heart Minimally invasive TV surgery: the phoenix of surgery for isolated tricuspid regurgitation. Does the minimally invasive approach make a difference?

Marcio Madeira

14h20 Tricuspid Valve regurgitation: show us your most tricky 3 cases on screening and guiding TEER and how you solved them

Manuel Barreiro

14h30 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
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17h30 End of 1st day



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08h30 **Is it never too late for Secondary Mitral Regurgitation Transcatheter Edge to Edge Repair (TEER) - lessons from the COAPT Trial to follow?**

Victoria Delgado

08h45 **Secondary MR - different phenotypes, distinctive strategies, and results**

Regina Ribeiras

09h00 **Screening primary MR for TEER and surgical repair - Barlow vs fibroelastosis. Which adjunctive information on quantification can MRI add?**

João Abecasis

09h15 **MV-TEER: Procedural and late failures rate and reasons? How to treat them in the era of new transcatheter MV percutaneous prosthesis?**

Rui Teles

09h30 **Mitral Valve regurgitation: show us your difficult 3 cases on screening and guiding MV-TEER and how you solved them**

Manuel Barreiro

09h45 Coffee break

PRESENTATION

Hospital da Luz Learning Health
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10h15 **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

What does the surgeon need from imaging for MV surgical repair and transapical MV replacement?

Tiago Nolasco

11h00 **HANDS-ON AND SIMULATORS HANDS-ON**

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Day 29

13h15 Lunch

14h30 **Fusion imaging: TOE-CT for screening and TOE-Fluoro for guiding MV-TEER: does it make a difference?**

Manuel Barreiro

14h45 **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

15h00 **HANDS-ON AND SIMULATORS HANDS-ON**

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17h30 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

International faculty: Victoria Delgado | Nina Marsan | Manuel Barreiro

Event endorsed by:



EACVI
European Association of
Cardiovascular Imaging



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More information here: <https://learninghealth.up.events/e/mitral-valve-and-tricuspid-valve-course-from-anatomy-to-interventiond-3rd-edition>

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