

31 Jan - 1 Feb 2025



Programme

Madrid Time (UTC+1)

Valid as of 04 December 2024

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10:15 - 11:45

**MAIN ARENA**

Programme 1:
Imaging in VHD for
the heart valve
clinic and
outpatient
Tutorial

EPISODE 1: Aortic valve disease**Join us if you want:**

- To learn the latest advancements in the classification and management strategies of aortic stenosis
 - To improve your assessment of aortic stenosis severity in challenging cases
 - To know how to optimally evaluate the asymptomatic patient with severe aortic stenosis
 - To discuss the multi-modality imaging diagnosis and treatment strategies for patients with bicuspid aortic valve
 - To explore the specific considerations and diagnostic challenges in patients with bicuspid anatomy
 - To understand the implications of atrioventricular anatomy for patient management and treatment
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- › Introduction and session objectives
 - › Diagnosis and classification of aortic stenosis
 - › Case of aortic stenosis with obesity and discordant gradient
 - › Extravalvular cardiac damage across aortic stenosis spectrum
 - › Discussion and audience interaction
 - › Sex-related differences and diagnostic challenges in aortic stenosis
 - › Discussion and audience interaction
 - › Assessing asymptomatic severe aortic stenosis: is it time to intervene?
 - › Discussion and audience interaction
 - › Case resolution
 - › Question and answer
 - › Multidisciplinary heart team management of aortic stenosis
 - › Case of bicuspid aortic stenosis, CAD and LV dysfunction
 - › The role of multimodality imaging in management decisions for bicuspid aortic valve stenosis
 - › Discussion and audience interaction
 - › Imaging challenges in bicuspid aortic stenosis before TAVI
 - › Discussion and audience interaction
 - › BAV vs TAV: implications for management
 - › Discussion and audience interaction
 - › Case resolution
 - › Question and answer

10:15 - 11:45

**HANDS ON
IMAGING ROOM
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Programme 2:
Imaging in VHD for
the cathlab team
Workshop

10:15 - 11:45

**HANDS ON
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**HANDS ON
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Programme 2:
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Workshop

11:50 - 12:35

MAIN ARENA

Symposium

**Workshop programme coming soon****Workshop programme coming soon****Workshop programme coming soon****Workshop programme coming soon****Sponsored Session coming soon**

13:20 - 14:50

**MAIN ARENA**

Programme 2:
Imaging in VHD for
the cathlab team

Tutorial

EPISODE 1: Aortic valve disease**Join us if you want:**

- To learn the specific imaging considerations for the choice of optimal TAVI prosthesis
- To know how to evaluate the risk markers for new pacemaker implantation
- To understand how to optimize the outcomes of TAVI in challenging cases
- To discuss the multi-modality imaging diagnosis and treatment strategies for aortic bioprosthetic valve dysfunction
- To learn how to recognize patient-prosthesis mismatch after TAVI
- To understand the role of imaging in patients with aortic valve-in-valve

- Introduction and session objectives
- Transcatheter aortic valve interventions: procedural considerations
- Calcified aortic annulus
- Essential pre-procedural imaging for TAVI and device choice
- Discussion and audience interaction
- Small annulus patients: is there device choice equipoise?
- Discussion and audience interaction
- How to optimise outcomes in patients with challenging anatomies
- Discussion and audience interaction
- Case resolution
- Question and answer
- Transcatheter aortic valve interventions: imaging diagnosis and management of complications
- Patient with severe bioprosthetic TAVI dysfunction
- Imaging of bioprosthetic valve dysfunction after TAVI
- Discussion and audience interaction
- Patient-prosthesis mismatch after TAVI
- Discussion and audience interaction
- Transcatheter aortic valve-in valve: imaging and outcomes
- Discussion and audience interaction
- Case resolution
- Question and answer

13:20 - 14:50

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Workshop programme coming soon

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14:55 - 16:25**MAIN ARENA**

Programme 1:
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EPISODE 2: Mitral valve disease**Join us if you want:**

- To gain in depth knowledge of mitral valve disease diagnosis
 - To advance your knowledge of mitral valve disease classification based on morphology
 - To improve your assessment of mitral valve disease severity
 - To gain in depth knowledge of mitral valve disease management
 - To advance your knowledge of multidisciplinary team management of mitral valve disease
 - To improve your knowledge of mitral valve disease patient selection for transcatheter intervention
 - To advance your knowledge of medical treatment, CRT and atrial fibrillation ablation in secondary mitral regurgitation
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- › Introduction and session objectives
 - › Diagnosis and classification of mitral valve disease
 - › Case of severe primary mitral regurgitation with LV dysfunction and LA dilatation
 - › Mitral regurgitation classification based on valve morphology
 - › Discussion and audience interaction
 - › Assessment of mitral regurgitation severity
 - › Discussion and audience interaction
 - › Case resolution
 - › Case of degenerative mitral stenosis
 - › Mitral stenosis classification based on valve morphology and implications for the assessment of mitral stenosis severity
 - › Case resolution
 - › Question and answer
 - › Multidisciplinary team management planning for mitral valve disease
 - › Case of severe LV-secondary mitral regurgitation with impaired LV and LBBB
 - › The role of heart failure management
 - › Discussion and audience interaction
 - › Case resolution
 - › Case of Severe LA-secondary mitral regurgitation in atrial fibrillation
 - › The role of rhythm - Rate control in management of secondary MR
 - › Discussion and audience interaction
 - › The ideal patient for transcatheter mitral valve intervention
 - › Case resolution
 - › Question and answer

14:55 - 16:25**HANDS ON
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14:55 - 16:25**HANDS ON
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16:45 - 17:20**MAIN ARENA**

Symposium

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17:25 - 18:55

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Programme 2:
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Tutorial

EPISODE 2: Mitral valve disease**Join us if you want:**

- To gain in depth knowledge of imaging for transcatheter mitral valve interventions
 - To advance your knowledge of screening for transcatheter mitral valve therapies
 - To improve your knowledge of mitral valve morphology considerations for TEER
 - To gain tips and tricks for TEER in hostile mitral valve morphology
 - To gain in depth knowledge of transcatheter device choice for mitral valve disease
 - To advance your knowledge of anatomic criteria for device selection in mitral regurgitation
 - To advance your knowledge of anatomic criteria for device selection in mitral stenosis
 - To gain tips and tricks for imaging during transcatheter mitral valve replacement
-
- › Introduction and session objectives
 - › Transcatheter mitral valve interventions: procedural considerations
 - › Case: hostile morphology for mitral valve transcatheter edge-to-edge repair
 - › Essential imaging for transcatheter therapies
 - › Discussion and audience interaction
 - › Pre-procedural screening: patient selection and device choice
 - › Discussion and audience interaction
 - › Tips and tricks for TEER in hostile mitral valve morphology
 - › Discussion and audience interaction
 - › Case resolution
 - › Question and answer
 - › Transcatheter mitral valve interventions: device choice
 - › Case of failed M-TEER: what now?
 - › Anatomic criteria for transcatheter mitral valve device choice in mitral regurgitation
 - › Discussion and audience interaction
 - › Anatomic criteria for transcatheter mitral valve in mitral annular calcification (MAC)
 - › Discussion and audience interaction
 - › Tips and tricks for imaging transcatheter mitral valve replacement
 - › Discussion and audience interaction
 - › Case resolution
 - › Question and answer

17:25 - 18:55

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08:30 - 10:00**MAIN ARENA**

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EPISODE 3: Tricuspid valve disease**Join us if you want:**

- To understand the determinants and physiology of tricuspid regurgitation
 - To review the quantitation of tricuspid regurgitation severity
 - To recognise the importance of an assessment of right heart size and function
 - To know the different management options for patients with tricuspid regurgitation
-
- Introduction and session objectives
 - Diagnosis and classification of tricuspid regurgitation
 - Case of torrential tricuspid regurgitation with right ventricle dysfunction. Genes matter?
 - Imaging insight into pathophysiology of tricuspid regurgitation: new classification system
 - Discussion and audience interaction
 - Finding consensus for quantifying tricuspid regurgitation
 - Discussion and audience interaction
 - Assessing right heart size and function: an essential part of the tricuspid regurgitation work-up
 - Discussion and audience interaction
 - Case resolution
 - Question and answer
 - Multidisciplinary heart team management of tricuspid regurgitation
 - Case of severe tricuspid regurgitation with pacemaker
 - The role of non-interventional therapies
 - Discussion and audience interaction
 - Diagnosing and managing CIED-induced tricuspid regurgitation
 - Discussion and audience interaction
 - The ideal patient for TTVI - Is it ever too early or too late?
 - Discussion and audience interaction
 - Case resolution
 - Question and answer

08:30 - 10:00**HANDS ON
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10:30 - 12:00



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EPISODE 3: Tricuspid valve disease

Join us if you want:

- To understand complex anatomy of the tricuspid valve relevant to transcatheter therapies
- To review the multi-modality imaging requirements for transcatheter device therapies
- To realise the transcatheter device options for various tricuspid anatomies
- To know the imaging requirements for intra-procedural guidance of transcatheter device therapies

- › Introduction and session objectives
- › Transcatheter tricuspid valve interventions: procedural considerations
- › Case: large gaps
- › Anatomy of the tricuspid valve: essential imaging for transcatheter therapies
- › Discussion and audience interaction
- › Pre-procedural screening in patient selection and device choice
- › Discussion and audience interaction
- › Tips and tricks for tricuspid transcatheter edge-to-edge repair with large gaps
- › Discussion and audience interaction
- › Case resolution
- › Question and answer
- › Transcatheter tricuspid valve interventions: device choice
- › Case: failed T-TEER: what now?
- › Anatomic criteria for transcatheter tricuspid valve device choice
- › Discussion and audience interaction
- › Tips and tricks for imaging transcatheter tricuspid valve replacement
- › Discussion and audience interaction
- › Transcatheter annular repair: imaging and outcomes
- › Discussion and audience interaction
- › Case resolution
- › Question and answer

10:30 - 12:00

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EPISODE 4: Multivalvular diseases

Join us if you want:

- To understand the diagnostic challenges in mixed and multiple valvular heart disease
 - To learn how to use different imaging modalities in the diagnosis of mixed and multiple valvular heart disease
 - To assess the best treatment timing and approach for mixed and multiple valvular heart disease
-
- Introduction and session objectives
 - Challenging decision in mixed aortic valve disease
 - Introductory case of a patient with moderate aortic stenosis and moderate aortic regurgitation
 - Aortic stenosis combined with aortic regurgitation: which imaging approach can solve the diagnostic challenges?
 - Discussion and audience interaction
 - When and how should we treat mixed aortic valvular disease?
 - Discussion and audience interaction
 - Aortic valve disease concomitant to aortic pathology: which comes first in the decision-making?
 - Discussion and audience interaction
 - Case resolution
 - Question and answer
 - Multiple valvular heart disease
 - Introductory case of a patient with combined atrio-ventricular valve regurgitation
 - Mitral regurgitation combined with tricuspid regurgitation: always treat first left? Which is the role of the aetiology in decision making?
 - Discussion and audience interaction
 - Case resolution
 - How to properly diagnose the severity of aortic stenosis and of mitral regurgitation when they coexist (case based)
 - Discussion and audience interaction
 - How to predict the effect of aortic stenosis intervention on concomitant mitral regurgitation
 - Discussion and audience interaction
 - Question and answer

13:00 - 14:30

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14:45 - 16:15



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EPISODE 4: Multivalvular diseases

Join us if you want:

- To manage patients with mixed and multiple valvular heart disease: from risk stratification to therapeutic decision-making
 - To learn the best timing and the challenges related to transcatheter intervention in patients with multiple valve disease
 - To accurately assess aortic and mitral paravalvular leakages
 - To know the challenges related to mitral annular calcification
-
- Introduction and session objectives
 - Challenging decision in mixed aortic valve disease
 - Introductory case of patient with mixed aortic valve disease not suitable for surgery
 - How do I choose my TAVR strategy and device in case of combined aortic stenosis and aortic regurgitation?
 - Discussion and audience interaction
 - Aortic paravalvular leakages: how do I diagnose it and treat it percutaneously?
 - Discussion and audience interaction
 - Aortic valve-in-valve procedures: new frontiers in planning
 - Discussion and audience interaction
 - Case resolution
 - Question and answer
 - Complex cases of mitral valve disease
 - Introductory case of patient with mitral annular calcification (MAC) and mixed stenosis and regurgitation
 - The challenges of treating mitral annular calcification (MAC): is surgery the only option?
 - Discussion and audience interaction
 - Case resolution
 - Mitral paravalvular leakages: how to diagnose and treat
 - Discussion and audience interaction
 - Transcatheter treatment of combined mitral and tricuspid regurgitation: a case when I treated first left and one when I treated first right!
 - Discussion and audience interaction
 - Question and answer

14:45 - 16:15

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