

ABBOTT EDUCATION NETWORK STRUCTURAL HEART

LIVE WEBINARS 2025 INTERVENTION AND IMAGING IN STRUCTURAL HEART DISEASES

PART 1 | ANATOMY FOR STRUCTURAL HEART THERAPIES (Mitral, Tricuspid and Aortic Valve)

WEBINAR 1 | ANATOMICAL OVERVIEW OF THE AV VALVES WITH FOCUS ON STRUCTURAL HEART THERAPIES: MITRAL TEER, TRICUSPID TEER, AORTIC TAVI

MARCH 04, 2025 | 17:00 – 18:00

17:00	Moderator: Prof. Dr. R.S. von Bardeleben Moderator: Dr. Ee Ling Heng	University Medicine Mainz (DE) Royal Brompton Hospital (UK)	Introduction from the course director and intro to the session
17:05	Prof. Dr. Andrew Cook	University College London (UK)	Anatomical overview of the AV valves with focus on Structural Heart Therapies Mitral TEER, Tricuspid TEER and Aortic TAVI – Live demonstration Right heart structures and Tricuspid Valve: <ul style="list-style-type: none"> Anatomical structures & Chordae Vena Cava Inferior / Superior Tricuspid Valve Atrial Septum in relation to Transseptal Puncture for Mitral TEER and Tricuspid Valve Orientation Left heart structures and Mitral Valve and Aortic Valve: <ul style="list-style-type: none"> Anatomical structures & Chordae Mitral Valve Aortic Valve Left Atrial Appendage in relation to insertion of guide wires and devices
17:50	Panel		Q&A and Panel discussion

PART 2 | MITRAL TEER (MITRAL TRANSCATHETER EDGE-TO-EDGE REPAIR) (TMTI)

WEBINAR 2 | CLINICAL EVIDENCE AND PATIENT SELECTION MITRAL TRANSCATHETER EDGE-TO-EDGE REPAIR (TEER)

MARCH 11, 2025 | 17:00 – 17:50

17:00	Moderator: Prof. Dr. R.S. von Bardeleben	University Medicine Mainz (DE)	Introduction from the course director and intro to the session
17:05	Dr. Martin Swaans	St. Antonius Hospital, Nieuwegein (NL)	New guidelines and evidence for Mitral TEER: what are the clinical trials telling us? (RESHAPE-HF2, COAPT, ...) <ul style="list-style-type: none"> Indication setting When to treat?
17:20	Prof. Dr. Augustin Coisne	CHU Lille (FR)	How to screen patients for Mitral TEER in a standardized way? <ul style="list-style-type: none"> What are we looking for in edge-to-edge repair? Which patient is suitable based on anatomical, morphological and mechanical criteria? How to use 3D TOE in the most optimal way during screening (biplane imaging, 3D and 3D-zoom, MPR, measurements, ...) How to decide the clip size?
17:35	Panel		Q&A and Panel discussion

PART 2 | MITRAL TEER (MITRAL TRANSCATHETER EDGE-TO-EDGE REPAIR) (TMTI)

WEBINAR 3 | M-TEER: STATE OF THE ART ECHOCARDIOGRAPHY IMAGING MODALITIES

MARCH 18, 2025 | 17:00 – 17:55

17:00	Moderator: Prof. Dr. R.S. von Bardeleben	University Medicine Mainz (DE)	Introduction from the course director and intro to the session
17:05	PD Dr. Marcel Weber	Uniklinik Bonn (DE)	Standardized procedural echo for Transcatheter Mitral Valve Repair: <ul style="list-style-type: none">• Step-by-step Echo Imaging and what to look for: transseptal puncture, steering to Mitral Valve, grasping)• How to optimize your echo images during the M-TEER procedure (biplane imaging for different localizations, real-time MPR)
17:25	Dr. Tobias Ruf	University Medicine Mainz (DE)	Standardized postprocedural echo assessment for Transcatheter Mitral Repair <ul style="list-style-type: none">• Assessment of leaflet insertion, quantification of residual regurgitation• Result during / after procedure
17:40	Panel		Q&A and Panel discussion

WEBINAR 4 | M-TEER: TAILORED APPROACH FOR FUNCTIONAL AND DEGENERATIVE MITRAL REGURGITATION

MARCH 25, 2025 | 17:00 – 18:05

17:00	Moderator: Prof. Dr. R.S. von Bardeleben	University Medicine Mainz (DE)	Introduction from the course director and intro to the session
17:05	Dr. Rodrigo Estevez-Loureiro	Hospital Álvaro Cunqueiro – Vigo (ES)	M-TEER: Primary Mitral Regurgitation <ul style="list-style-type: none">• Tips and tricks for efficacious treatment• Cases
17:25	Dr. Laura Sanchis	Hospital Clinic de Barcelona (ES)	M-TEER: Secondary Mitral Regurgitation <ul style="list-style-type: none">• Tips and tricks for efficacious treatment• Cases
17:45	Panel		Q&A and Panel discussion

PART 3 | TRICUSPID TEER (TRICUSPID TRANSCATHETER EDGE-TO-EDGE REPAIR) (TMTI)

WEBINAR 5 | PATIENT SELECTION AND CLINICAL EVIDENCE FOR TRICUSPID REGURGITATION REPAIR

APRIL 01, 2025 | 17:00 – 18:00

17:00	Moderator: Prof. Dr. R.S. von Bardeleben	University Medicine Mainz (DE)	Introduction from the course director and intro to the session
17:05	Prof. Dr. R.S. von Bardeleben	University Medicine Mainz (DE)	New evidence for Transcatheter Tricuspid Valve Repair <ul style="list-style-type: none">• TriClip device• Clinical evidence, guidelines
17:25	Dr. Laura Sanchis	Hospital Clinic de Barcelona (ES)	Standardized patient selection and screening for Transcatheter Tricuspid Valve Repair <ul style="list-style-type: none">• What are we looking for in Tricuspid E2E?• Anatomy, morphology, Patho mechanism – who is suitable, who is not?• How to use 3D echo: biplane imaging, 3D-Zoom, MPR
17:45	Panel		Q&A and Panel discussion

PART 3 | TRICUSPID TEER (TRICUSPID TRANSCATHETER EDGE-TO-EDGE REPAIR) (TMTI)

WEBINAR 6 | ECHO PROCEDURAL APPROACH FOR TRANSCATHETER TRICUSPID REPAIR

APRIL 08, 2025 | 17:00 – 18:00

17:00	Moderator: Prof. Dr. R.S. von Bardeleben	University Medicine Mainz (DE)	Introduction from the course director and intro to the session
17:05	Dr. Tobias Ruf	University Medicine Mainz (DE)	Standardized procedural echo for Transcatheter Tricuspid Repair <ul style="list-style-type: none">• What to image? (leaflet morphology and quality, positioning of catheters, grasping, leaflet insertion)• How to image? (acoustic windows, biplane imaging, 3D-Zoom imaging, real-time MPR)• Tips and tricks to improve screening echo imaging
17:25	Dr. Laura Sanchis	Hospital Clinic de Barcelona (ES)	Standardized postprocedural echo assessment for Transcatheter Tricuspid Repair <ul style="list-style-type: none">• Assessment of leaflet insertion, quantification of residual regurgitation• Result during / after procedure• Tips and tricks to improve postprocedural echo imaging
17:45	Panel		Q&A and Panel discussion

WEBINAR 7 | TRANSCATHETER TRICUSPID VALVE REPAIR: CASES, TIPS AND TRICKS

APRIL 15, 2025 | 17:00 – 18:00

17:00	Moderator: Prof. Dr. R.S. von Bardeleben	University Medicine Mainz (DE)	Introduction from the course director and intro to the session
17:05	Dr. Laura Sanchis	Hospital Clinic de Barcelona (ES)	Transcatheter Tricuspid Valve Repair: what beginners should start with <ul style="list-style-type: none">• Cases• Tips and tricks
17:25	Dr. Fausto Castriota	Maria Cecilia Hospital, Cotignola (IT)	Transcatheter Tricuspid Valve Repair: challenging morphologies <ul style="list-style-type: none">• Cases• Trips and tricks
17:35	Dr. Laura Sanchis	Hospital Clinic de Barcelona (ES)	Transcatheter Tricuspid Valve Repair: challenging morphologies <ul style="list-style-type: none">• Cases• Trips and tricks
17:45	Panel		Q&A and Panel discussion

PART 4 | ANATOMY FOR STRUCTURAL INTERVENTIONS THERAPIES (ASD, PFO, LAAO)

WEBINAR 8 | ANATOMICAL OVERVIEW OF THE HEART WITH FOCUS ON STRUCTURAL INTERVENTIONS RELATED TO ASD, PFO AND LAAO

MAY 27, 2025 | 17:00 – 18:00

17:00	Moderator: Prof. Dr. Andrew Cook Moderator: Dr. Ee Ling Heng	University College London (UK) Royal Brompton Hospital (UK)	Introduction from the course director and intro to the session
17:05	Prof. Dr. Andrew Cook	University College London (UK)	Anatomical overview of the AV Valves with focus on Structural Heart Therapies – Live demonstration Right heart structures and septum <ul style="list-style-type: none">• Anatomical structures & Chordae• Atrial Septum in relation to ASD, PFO Left heart structures <ul style="list-style-type: none">• Left Atrial Appendage
17:50	Panel		Q&A and Panel discussion

PART 5 | STRUCTURAL INTERVENTIONS

WEBINAR 9 | STRUCTURAL INTERVENTIONS: LEFT ATRIAL APPENDAGE OCCLUSION (LAAO)

JUNE 26, 2025 | 17:00 – 18:10

17:00	Moderator: Prof. Dr. R.S. von Bardeleben	University Medicine Mainz (DE)	Introduction from the course director and intro to the session
17:05	Dr. Xavier Iriart	CHU de Bordeaux (FR)	Echocardiographic Screening and interventional guiding
17:20	Dr. Laura Sanchis	Hospital Clinic de Barcelona (ES)	Tips and Tricks for challenging cases
17:35	Prof. Dr. Ole De Backer	Rigshospitalet Copenhagen (DK)	CT and Fluoroscopy in LAA planning and intervention
17:50	Panel		Q&A and Panel discussion

WEBINAR 10 | STRUCTURAL INTERVENTIONS: ATRIAL SEPTUM DEFECTS (ASD)

SEPTEMBER 04, 2025 | 17:00 – 18:05

17:00	Moderator: Prof. Dr. R.S. von Bardeleben	University Medicine Mainz (DE)	Introduction from the course director and intro to the session
17:05	Dr. Laura Sanchis	Hospital Clinic de Barcelona (ES)	Echocardiographic Screening and interventional guiding
17:20	Dr. Felix Kreidel	UKSH Kiel (DE)	Tips and Tricks for challenging cases
17:35	Dr. Xavier Iriart	CHU de Bordeaux (FR)	Practical case analysis
17:45	Panel		Q&A and Panel discussion

WEBINAR 11 | STRUCTURAL INTERVENTIONS: PATENT FORAMEN OVALE (PFO)

SEPTEMBER 11, 2025 | 17:00 – 18:05

17:00	Moderator: Prof. Dr. R.S. von Bardeleben	University Medicine Mainz (DE)	Introduction from the course director and intro to the session
17:05	Dr. Xavier Iriart	CHU de Bordeaux (FR)	Echocardiographic Screening and interventional guiding
17:20	Dr. Laura Sanchis	Hospital Clinic de Barcelona (ES)	Tips and Tricks for challenging cases
17:35	Dr. Felix Kreidel	UKSH Kiel (DE)	Practical case analysis
17:45	Panel		Q&A and Panel discussion

PART 6 | TRANSCATHETER AORTIC VALVE IMPLANT (TAVI)

WEBINAR 12 | TRANSCATHETER AORTIC VALVE IMPLANT

JUNE 03, 2025 | 17:00 – 17:55

17:00	Moderator: Prof. Dr. R.S. von Bardeleben	University Medicine Mainz (DE)	Introduction from the course director and intro to the session
17:05	PD Dr. Martin Geyer	University Medicine Mainz (DE)	CT planning for optimal patient outcome in Navitor Vision procedures
17:15	PD Dr. Matti Adam	University Hospital Cologne (DE)	Optimal valve deployment for low pacemaker rates and comm. Alignment
17:25	Prof. Dr. Ole De Backer	Rigshospitalet Copenhagen (DK)	Case presentation TAVI
17:45	Panel		Q&A and Panel discussion

PART 6 | TRANSCATHETER AORTIC VALVE IMPLANT (TAVI)

WEBINAR 13 | TRANSCATHETER AORTIC VALVE IMPLANT

OCTOBER 14, 2025 | 17:00 – 17:55

17:00	Moderator: Prof. Dr. R.S. von Bardeleben	University Medicine Mainz (DE)	Introduction from the course director and intro to the session
17:05	PD Dr. Martin Geyer	University Medicine Mainz (DE)	CT planning for optimal patient outcome in Navitor Vision procedures
17:15	PD Dr. Matti Adam	University Hospital Cologne (DE)	Optimal valve deployment for low pacemaker rates and comm. Alignment
17:25	Prof. Dr. Ole De Backer	Rigshospitalet Copenhagen (DK)	Case presentation TAVI
17:45	Panel		Q&A and Panel discussion

PART 7 | TRANSCATHETER MITRAL VALVE REPLACEMENT (TMVR)

WEBINAR 14 | TRANSCATHETER MITRAL VALVE IMPLANT: PATIENT SELECTION AND CURRENT EVIDENCE

SEPTEMBER 25, 2025 | 17:00 – 18:05

17:00	Moderator: Prof. Dr. R.S. von Bardeleben	University Medicine Mainz (DE)	Introduction from the course director and intro to the session
17:05	Dr. Joerg Kellermair	Johannes Kepler University Linz (AT)	New evidence and patient selection for Transcatheter Mitral Valve Implant: screening the perfect candidate
17:25	Dr. Alison Duncan	Royal Brompton London (UK)	Echocardiographic assessment for MAC CT planning TMVR
17:45	Panel		Q&A and Panel discussion

WEBINAR 15 | TRANSCATHETER MITRAL VALVE IMPLANT: PROCEDURAL AND POST-PROCEDURAL ECHO GUIDING

OCTOBER 02, 2025 | 17:00 – 18:10

17:00	Moderator: Prof. Dr. R.S. von Bardeleben	University Medicine Mainz (DE)	Introduction from the course director and intro to the session
17:05	Dr. Joerg Kellermair	Johannes Kepler University Linz (AT)	Intraprocedural echocardiographic guidance during Tendyne valve implantation (case in-the-box recorded)
17:35	Dr. Alison Duncan	Royal Brompton London (UK)	Post-procedure echocardiographic assessment and follow-up
17:50	Panel		Q&A and Panel discussion