



24-26 November 2024 **London**

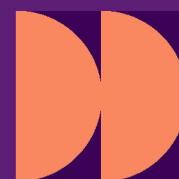
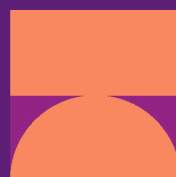


Course Programme

London time (GMT)

Valid as of 27 November 2024

PCRLondonValves.com



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EAPCI

European Society of Cardiology

11:00 - 11:15

MAIN ARENA

Ceremony



11:15 - 12:45

ROOM 2 - THE FORUM

Case-based Discussion



PCR London Valves 2024 Welcome Ceremony

Participant (Connected remotely): S. Redwood
Participants: F. Maisano, N. Piazza, B. Prendergast, D. Tchetché, N. Wunderlich

TAVI - Advanced skills

Facilitators: C. De Biase, T. Pilgrim
Speakers: M. Barbanti, O. De Backer, S. Gunasekaran

Join us if you want:

- To learn what pitfalls you may face during a routine transfemoral TAVI procedure
- To understand how to deal with unanticipated procedural scenarios
- To discuss how to manage specific complications arising during THV deployment

11:15 - 12:45

ROOM 3

Case-based Discussion



Mitral valvuloplasty - A new look at an old procedure

Anchorperson: H. Weich
Spokesperson: A. Vahanian
Discussants: V. Esteves, J. Hitzeroth, R. S. Rao, A. Seth

Join us if you want:

- To fully understand the different technical approaches available for mitral valvuloplasty procedures
 - To discuss decision making approaches in challenging anatomical and clinical scenarios
 - To learn how to treat mitral stenosis during pregnancy
- Welcome and session objectives
H. Weich
 - Case presentation: a pregnant patient with mitral stenosis
H. Weich
 - Discussion and audience interaction
V. Esteves
 - Clinical update
H. Weich
 - First technical challenge – Left atrial appendage thrombus
 - Second technical challenge - Adverse valve morphology
 - Discussion and audience interaction
 - Inoue balloon procedure
A. Vahanian
 - Treatment of the case with an alternative over-the-wire technique
H. Weich
 - Discussion and audience interaction
 - Session evaluation and key learnings
A. Vahanian

11:15 - 12:45

ROOM 4

Case-based
Discussion



Tricuspid valve intervention - Current indications and timing

With the collaboration of the PCR Tricuspid Focus Group

Anchorperson: E. Donal

Spokesperson: F. Maisano

Discussants: N. Ajmone Marsan, L. Bonfils, J. Cavalcante, L. Stolz

Join us if you want:

- To learn how to undertake clinical and imaging assessment of patients with severe tricuspid regurgitation in anticipation of transcatheter intervention
 - To explore current randomised clinical trial evidence and its impact on potential treatment options for individual patients
 - To share unresolved issues and the key data needed to guide clinical decision making
- Welcome and session objectives
E. Donal
 - Case presentation - How should I treat?
E. Donal
 - Live poll - Who would treat this patient?
 - The Triluminate trial - Outcomes and clinical application
J. Cavalcante
 - The Tri.FR trial - outcomes and clinical application
E. Donal
 - Discussion and audience interaction
F. Maisano
 - Data from real world clinical practice
L. Stolz
 - Discussion and audience interaction
 - Outcomes in red flag patients - When is it too late for intervention?
J. Grapsa
 - Discussion and audience interaction
 - Back to the cases
E. Donal
 - Live poll - Who would treat this patient now?
 - Case presentation – How did I treat?
E. Donal
 - Session evaluation and key learnings
F. Maisano

11:15 - 12:15

SIMULATION
LEARNING
ROOM

Aortic Simulation
Pathway

Simulation-based
Learning

Optimising TAVI outcomes: implementation of cusp overlap and commissural alignment with self-expanding devices - From imaging to procedural excellence

This session has been made possible thanks to the kind support of Abbott, Biosensors, Edwards Lifesciences, Medtronic, Mentice, Meril, Pie Medical Imaging and Simulands

Anchorperson: N. Buzzatti

Facilitators: A. Beneduce, A. Khokhar

Media Driver: N. Azzola Guicciardi

Join us if you want:

- To understand the importance of the cusp overlap technique and commissural alignment
- To know how to ensure cusp overlap and appreciate the general principles of commissural alignment
- To learn useful tips and tricks from high volume experienced operators

11:15 - 12:45

IMAGING
LEARNING LAB

Imaging

Imaging-based
Learning

The secrets behind multimodality imaging - Chamber views and S-curves

Facilitators: J. Buithieu, A. Gackowski, N. Piazza, N. Wunderlich

Join us if you want:

- To understand the common language and fundamental concepts that link echocardiography with fluoroscopy and CT
- To learn how to interpret an S-curve (optimal projection curve) in relation to 3D cardiac anatomy
- To apply these concepts to imaging and execution of transcatheter valve interventions

11:15 - 12:15

IMAGING SKILLS LAB

Imaging
Imaging-based Learning

The TAVI CT - Hands-on

Facilitators: *S. Mirsadraee (Pending confirmation), T. Rogers*
Media Driver: *N. Montarello*

Join us if you want:

- To understand the essential elements of the TAVI CT report
 - To obtain hands on experience of TAVI CT reporting using contemporary software
 - To learn from experienced mentors and network with your peers
- Welcome and session objectives
S. Mirsadraee (Pending confirmation)
 - How to report a TAVI CT
S. Mirsadraee (Pending confirmation)
 - Discussion and audience interaction
 - Mentored reporting session
S. Mirsadraee (Pending confirmation), N. Montarello
 - Participant reporting session
S. Mirsadraee (Pending confirmation), N. Montarello
 - Session evaluation and key learnings
S. Mirsadraee (Pending confirmation), S. Mirsadraee (Pending confirmation)

11:15 - 12:45

ROOM A

Abstracts

Featured research - Aortic valve (Part 1)

Session comprising selected PCR London Valves 2024 Abstracts submissions

Facilitators: *A. Abizaid, M. Zimarino*

- Empire one: first-in-human study of a new transcatheter aortic valve system
J. A. Baz-Alonso
- Discussion and audience interaction
- Myval vs. Evolut and SAPIEN series: haemodynamic outcomes from the LANDMARK trial
O. Soliman
- Discussion and audience interaction
- Safety and efficacy of the ACURATE neo 2 in bicuspid aortic stenosis: the Neo2 BAV Study
A. Rück
- Discussion and audience interaction
- Discussion and audience interaction
- New score identifies moderate aortic stenosis patients at high-risk of adverse outcome
D. Besana
- Discussion and audience interaction
- Post-procedural complications in TAVI and surgical AVR - Impact on healthcare resource consumption
A. Maier
- Discussion and audience interaction
- Peri-procedural course of anticoagulation and antagonisation with unfractionated heparin during TAVI
- Discussion and audience interaction
- Conversion to open surgery for complicated TAVI: still futile?
A. G. Cerillo
- Discussion and audience interaction
- Improvement in paravalvular leak over time with Evolut PRO transcatheter aortic valve
N. Van Mieghem
- Discussion and audience interaction
- The TAVI complexity score
N. Ali

11:15 - 12:45



ROOM B

Clinical Cases

Featured cases - Mitral valve-in-valve (Part 1)

Session comprising selected PCR London Valves 2024 Clinical Cases submissions

Facilitators: M. Guerrero, K. Poon

- SAPIEN 3 Tendyne low profile
T. V. Attumalil
- Discussion and audience interaction
- Post-mitral valve repair leak - How did we solve the issue
S. Narasimhan
- Discussion and audience interaction
- Cut the things which come in the way
S. Narasimhan
- Discussion and audience interaction
- Aortic valve loop for difficult TMVR
H. Mehta
- Discussion and audience interaction
- Between a rock and a hard place: an unusual case of mitral stenosis
B. Stegman
- Discussion and audience interaction
- Through thick and thin
A. Sherwen
- Discussion and audience interaction
- Valve-in-ring TMVR
H. Mehta
- Discussion and audience interaction
- Valve-in-valve in mitral ring with laceration of the mitral leaflet: a multidimensional experience
H. Shi
- Discussion and audience interaction
- Transseptal BATMAN with paravalvular leak closure for high-risk mitral valve in ring - The whole structural combo
A. S. Gamal
- Discussion and audience interaction
- Successful implantation of Myval THV MVIV via a VA loop in a challenging case of septal orientated surgical prosthesis and hugely dilated LA: a step by step approach
R. Anantharaman
- Discussion and audience interaction

11:15 - 12:45



ROOM C

Abstracts

Featured research - Aortic valve (Part 2)

Session comprising selected PCR London Valves 2024 Abstracts submissions

Facilitator: R. Kharbada

- Severity and management of vascular complications after TAVR according to the secondary access
D. Grassini
- Discussion and audience interaction
- Efficacy and safety of ACURATE neo 2 in valve-in-valve TAVI: a prospective single-centre study
G. Papadopoulos
- Discussion and audience interaction
- Coronary protection with chimney stenting during TAVR implantation: experience in a tertiary centre
I. L. Merino González
- Discussion and audience interaction
- Role of right ventricular damage markers measured with CT in predicting one-year mortality for TAVI
V. O. Baris
- Discussion and audience interaction
- First-in-human pacing-over-the-wire technique during TAVI with SENTINEL Cerebral Protection Device
I. Wong
- Discussion and audience interaction
- Analysis of aortic calcium pattern and clinical outcomes in TAVR patients with porcelain aorta
C. Campanella
- Discussion and audience interaction
- Angiographic vs. ultrasound-guided femoral access for TAVI
N. Lankisch
- Discussion and audience interaction
- Patient focused evaluation of ethnicity based health inequity in the management of aortic stenosis
N. Chandra
- Discussion and audience interaction
- Valve-in-valve TAVR with the NAVITOR THV system: the French NiV pilot registry
N. Amabile
- Discussion and audience interaction
- Emergency interventional therapy for cardiogenic shock with decompensated aortic stenosis
D. Bongiovanni
- Discussion and audience interaction

11:15 - 12:45



ROOM D

Clinical Cases

Featured cases - Combined valve interventions (Part 1)

Session comprising selected PCR London Valves
2024 Clinical Cases submissions

Facilitator: A. Ghattas

- A dual-valve symphony: precision and planning in valvular intervention
S. Mengi
- Discussion and audience interaction
- One-stop TAVR and TMVR in mitral annular calcification
Y. Peng
- Discussion and audience interaction
- A twist in the tale : when the result isn't what you expected
B. T. X. Lim
- Discussion and audience interaction
- A case of supra-valvular leakage in mitral valve-in-ring and recurrent aortic emboli during TAVR
Y. T. Lee
- Discussion and audience interaction
- Transcatheter solutions for aortic bioprosthesis degeneration and mitral repair failure
I. Coti
- Discussion and audience interaction
- TAVR-TMVR combo: transaxillary TAVR in extra-large anulus with simultaneous transapical TMVR
H. Ruge
- Discussion and audience interaction
- Valve-in-valve TAVR and TMVR
M. Parekh
- Discussion and audience interaction
- Beyond DVR : transcatheter interventions for multivalvular rheumatic heart disease, the next frontier
V. Bhatia
- Discussion and audience interaction
- An overloaded old heart
A. Thabit
- Discussion and audience interaction

11:15 - 12:45



ROOM E

Clinical Cases

Featured Cases - TAVI in patients with challenging vascular access

Session comprising selected PCR London Valves
2024 Clinical Cases submissions

Facilitators: M. Akodad, M. Chopra

- Challenging aortas: how to perform TAVI after coarctation surgery?
- Discussion and audience interaction
- Challenging TAVR in a very complex vascular access anatomy and a rare genetic disease
- Discussion and audience interaction
- Transbrachial TAVI in a patient with aortic isthmus stenosis: a case report
M. Saad
- Discussion and audience interaction
- Percutaneous access and closure in transcarotid TAVI using a collagen vascular plug
R. Parma
- Discussion and audience interaction
- Discussion and audience interaction
- My crazy TAVR: navigating a dissection
A. Panza
- Discussion and audience interaction
- Left carotid artery as alternative access for TAVI in a patient with hostile femoral access
C. Juarez-Gavino
- Discussion and audience interaction

11:15 - 12:45

ROOM F

Clinical Cases

Featured cases - Challenging tricuspid interventions (Part 1)

Session comprising selected PCR London Valves 2024 Clinical Cases submissions

Facilitators: M. Garbi, K. K. Yeo

- First TTVR designed to reduce the risk of afterload mismatch through a pop off hole
A. Sticchi
- Discussion and audience interaction
- Atrial embolisation of a balloon expandable valve during TTVR for failed tricuspid annuloplasty
M. Erturk
- Discussion and audience interaction
- Transfemoral tricuspid heart valve replacement in a patient with a challenging anatomy
J. Hausleiter
- Discussion and audience interaction
- TTVR in rheumatic regurgitation and previous De Vega repair
F. De Marco
- Discussion and audience interaction
- First-in-human experience of a novel transcatheter tricuspid valve in a patient with pacemaker lead
K. Goel
- Discussion and audience interaction
- Transcatheter valve replacement on the rocks
P. Denti
- Discussion and audience interaction
- The use of intracardiac echocardiography in Evoque transcatheter tricuspid valve replacement
J. Fang
- Discussion and audience interaction

11:15 - 12:00

THE EXCHANGE

Clinical Cases

Rapid-fire - Transcatheter solutions for rare complications

Session comprising selected PCR London Valves 2024 Clinical Cases submissions

Facilitator: R. Eduardo Gomes Sarmento Leite

- Percutaneous closure of right ventricle pseudo-aneurysm: a rare complication post-pericardiocentesis
A. Millin
- Discussion and audience interaction
- A not perfect, but perfectly timed solution for VSD complicating myocardial infarction
K. Stathogiannis
- Discussion and audience interaction
- Iatrogenic left ventricular pseudo-aneurysm caused by haemodynamic assessment of aortic stenosis
N. Bora
- Discussion and audience interaction
- Free wall rupture of left ventricle treated with Amplatzer Septal Occluder
P. Cervinka
- Discussion and audience interaction
- Treating unusual complications of the superior vena cava
V. Ninios
- Discussion and audience interaction

11:20 - 12:50



MAIN ARENA

LIVE Educational Case



Innovation for transcatheter tricuspid interventions

Anchorperson: D. Tchetché
Spokesperson: A. Latib
Operators: K. Grigoryan, T. Patterson, S. Redwood
Procedural Analyst: S. Dawkins
Imaging analyst: M. Swaans
Discussants: R. Hahn, M. I. Koerber, P. Lurz, T. Modine
Medical Coordinator: J. Wilcox
Speaker: R. Estevez-Loureiro

Join us if you want:

- To discuss the remaining challenges associated with currently available transcatheter tricuspid interventions
 - To capture the central role of imaging guidance for these procedures
 - To understand the anatomical selection criteria for transcatheter tricuspid valve replacement
- Welcome and session objectives
D. Tchetché
 - Patient presentation
A. Latib
 - Imaging analysis
M. Swaans
 - Heart team discussion
 - Operator strategy
D. Tchetché
 - LIVE Case from St. Thomas' Hospital - London, United Kingdom
 - Debriefing
 - Recorded Case "Transcatheter tricuspid valve replacement" from Hospital Álvaro Cunqueiro - Vigo, Spain
R. Estevez-Loureiro
 - Debriefing
 - Key learnings
D. Tchetché

12:05 - 12:50



THE EXCHANGE

Clinical Cases

Rapid-fire - TAVI

Session comprising selected PCR London Valves 2024 Clinical Cases submissions

Facilitators: C. Allen, V. Gupta

- TAVI in a patient with cardiogenic shock
R. R. Nukavarapu
- Discussion and audience interaction
- TAVI in pure aortic regurgitation related cardiogenic shock patient
- Discussion and audience interaction
- Patient-prosthesis mismatch or something else? PCI and valve-in-valve TAVI after transaortic TAVR
M. Bunc
- Discussion and audience interaction
- Tug of war during valve-in-valve TAVI
A. Olusan
- Discussion and audience interaction
- Charting a path: TAVI in a patient with challenging aortic conditions
A. Elkammash
- Discussion and audience interaction
- Frozen leaflets aggravated by post-dilatation
Y. Sadek
- Discussion and audience interaction

12:55 - 13:15

ROOM A

Case-based Discussion

LIVE Case REWIND - An in-depth discussion, replay and review

Facilitators: D. Tchetché, M. Urena

13:30 - 14:15

MAIN ARENA

Tutorial



Electrosurgery and leaflet modification: addressing an unmet need for transcatheter valve interventions

Partners in Learning - a PCR/CRF Collaboration

Anchorperson: M. Abdel-Wahab
Spokesperson: J. Granada
Discussants: O. De Backer, M. Guerrero, M. Joner, G. Tarantini, N. Van Mieghem, J. Webb

Join us if you want:

- To understand the clinical need for advanced techniques that will widen the scope of transcatheter valve interventions
 - To appreciate the breadth of potential applications of electrosurgical and leaflet spitting techniques
 - To learn the basic principles of these techniques and translate them into your team's regular clinical practice
- Welcome and session objectives
M. Abdel-Wahab
 - The portfolio of electrosurgical interventions: evidence and real-world application
T. Rogers
 - Discussion and audience interaction
 - How to do it: an idiot's guide
J. Khan
 - Discussion and audience interaction
 - Where do we go from here: current shortcomings and future applications
D. Dvir
 - Discussion and audience interaction
 - Session evaluation and key learnings
J. Granada

13:30 - 14:15

ROOM 3

Innovation

Case-based Discussion



!!!NEWSFLASH!!! Pre-emptive TAVI for asymptomatic severe aortic stenosis - From headlines to clinical practice

Anchorperson: B. Prendergast
Spokesperson: P. Maccarthy
Discussants: H. Eltchaninoff, P. Genereux, R. Hahn, T. Treibel
Participants: A. Baer, R. Eduardo Gomes Sarmento Leite, S. Gunasekaran, K. Hayashida, M. Traina

Join us if you want:

- To hear more about the recently published outcomes of the asymptomatic TAVI trials
 - To understand how to synthesise and interpret this important clinical evidence
 - To translate this understanding into your Heart Team's daily clinical practice
- Welcome and session objectives
B. Prendergast
 - The early TAVR trial
P. Genereux
 - The EVOLVED trial
T. Treibel
 - Discussion and audience interaction
P. Maccarthy
 - Synthesis - What DO these trials tell us (and what they DO NOT)?
D. Capodanno
 - How will these trials influence Heart Team discussions?
 - Session evaluation and key learnings
P. Maccarthy

13:30 - 14:15

ROOM 2 - THE FORUM

Tutorial



Meet the masters: M-TEER

Facilitator: S. Dawkins
Participants: P. Lurz, F. Praz

Join us if you want:

- To join a lively, interactive and spontaneous session focusing on practical aspects of the mitral TEER procedure
- To meet with highly experienced TEER operators who are eager to share their experience and provide tips and tricks that will enhance your daily clinical practice
- To learn more about case selection, procedural strategy and complication management

13:30 - 14:15

ROOM 4

Hot line / Late-Breaking Trials



TAVI Hotline 1

Session comprising selected PCR London Valves 2024 Late-Breaking Trials submissions

Facilitators: E. Barbato, A. Damonte
Discussants: R. Bhindi, P. Freeman, C. Meduri, W. H. Yin

- Impact of commissural and coronary alignment on coronary cannulation after TAVI with Evolut FX
Y. Ohno
- Discussion and audience interaction
- Long-term results from International Chimney Stent Registry
P. A. Del Sole
- Discussion and audience interaction
- DurAVR TAVI: biomimetic design restores flow and leads to significant left ventricular mass regression - MRI study
P. Garg
- Discussion and audience interaction
- US pivotal study of the Vivasure PerQseal system for large hole closure: PATCH
M. Assafin
- Discussion and audience interaction
- Live case interventional cardiology procedures are safe: outcomes from a multicentre registry
C. Allen
- Discussion and audience interaction

13:30 - 14:30

SIMULATION
LEARNING
ROOM

Tricuspid
Simulation
Pathway

Simulation-based
Learning

Integration of anatomy and echocardiography for successful tricuspid transcatheter edge-to-edge repair

This session has been made possible thanks to the kind support of Abbott, Edwards Lifesciences, Medical Simulation Technologies, Philips, and Simulands

Anchorperson: P. Denti
Facilitators: N. Karam, M. Swaans
Media Driver: N. Azzola Guicciardi

Join us if you want:

- To acquire the basic anatomical knowledge required for TEER
- To plan and perform transcatheter edge-to-edge repair techniques in different anatomical scenarios
- To understand how to apply imaging findings to tricuspid valve procedural manoeuvres

13:30 - 14:00

HANDS ON LAB

Aortic Simulation
Pathway

Simulation-based
Learning

Safe vascular access and closure for TAVI procedures: best practice and tips and tricks

This session has been made possible thanks to the kind support of Abbott, GE Healthcare, Simulands, Teleflex and Terumo

Facilitators: N. Buzzatti, C. Cook
Physician Trainers: G. Ascione, A. Khokhar, M. Saccocci, A. Sticchi, M. Taramasso

Join us if you want:

- To practice ultrasound-guided femoral puncture using simulator technology
- To become more familiar with different closure devices and their application
- To learn useful tips and tricks from high volume experienced operators

13:30 - 14:30

IMAGING
LEARNING LAB

Imaging

Imaging-based
Learning

Simplification of transseptal puncture using multimodality imaging

Facilitators: V. Esteves, A. Gackowski, N. Piazza, P. Zamorano

Join us if you want:

- To understand the 3D anatomy of the atrial septum and how it impacts transseptal puncture techniques
- To learn how to appreciate variability in atrial septal anatomy and how that may influence material selection and puncture location
- To appreciate how fluoroscopy can facilitate and complement echocardiography during transseptal puncture

13:30 - 14:30

IMAGING SKILLS
LAB

Imaging
Imaging-based
Learning

Hands-on mitral valve imaging

Facilitators: N. Ajmone Marsan, V. Delgado, A. Duncan, J. Von Stein

Join us if you want:

- To learn how to assess anatomical suitability for TEER in patients with primary and secondary mitral regurgitation
 - To understand the principles of multiplanar reformatting
 - To know how to quantify mitral regurgitation prior to mitral valve intervention (including 3D quantification using multiplanar reformatting)
- Welcome and session objectives
V. Delgado
 - Primary mitral regurgitation
A. Duncan
 - Secondary mitral regurgitation
N. Ajmone Marsan
 - 3D quantification
V. Delgado
 - Session evaluation and key learnings
A. Duncan

13:30 - 14:15

ROOM B

Clinical Cases

Featured cases - Strategic approaches in mitral regurgitation

Session comprising selected PCR London Valves 2024 Clinical Cases submissions

Facilitators: Y. Watanabe, S. Worthley

- Percutaneous annuloplasty with novel AMEND device in a patient with functional MR: AMEND-EU study
R. Nerla
- Discussion and audience interaction
- Mitral annulus cavity and regurgitation post-healed endocarditis managed with a transcatheter approach
A. Maznyczka
- Discussion and audience interaction
- Simultaneous management of two complex valvular and structural conditions
L. Nieto
- Discussion and audience interaction
- Regarding old problems from new angles: TEER in failure of previous Alfieri stitch
R. Nerla
- Discussion and audience interaction

13:30 - 14:15

ROOM A

Abstracts

Featured research - Tricuspid valve (Part 1)

Session comprising selected PCR London Valves 2024 Abstracts submissions

Facilitator: Y. Topilsky

- Prognostic impact of heart failure hospitalisation in patients with severe tricuspid regurgitation undergoing TEER
J. C. Echarte Morales
- Discussion and audience interaction
- Impact of moderate MR in patients with severe TR undergoing tricuspid TEER
M. Kassir
- Discussion and audience interaction
- Association of effective right ventricle EF with outcomes in patients with secondary tricuspid regurgitation
L. Badano
- Discussion and audience interaction
- Optimising transcatheter tricuspid annuloplasty by patient selection and procedural approach
M. Gerçek
- Discussion and audience interaction
- Redo T-TEER for severe tricuspid regurgitation after prior surgical or interventional treatment
C. Iliadis
- Discussion and audience interaction
- Tricuspid edge-to-edge repair leads to significant annuloplasty beyond leaflet approximation
M. Paukovitsch
- Discussion and audience interaction

13:30 - 14:15

ROOM C

Abstracts

Featured research - Tricuspid valve (Part 2)

Session comprising selected PCR London Valves 2024 Abstracts submissions

Facilitators: S. Ludwig, O. Soliman

- Characteristics and outcomes of severe isolated tricuspid regurgitation across treatment strategies
F. Braccischi
- Discussion and audience interaction
- Valve thrombosis after TTVR: systematic review and meta-analysis
M. Zorman
- Discussion and audience interaction
- One-year robustness of tricuspid regurgitation reduction after edge-to-edge repair
F. Rudolph
- Discussion and audience interaction
- Right ventricular-pulmonary artery coupling in tricuspid regurgitation - Implications for TTVI from a matched case control study
G. Bonnet
- Discussion and audience interaction
- Prognostic impact of extracardiac involvement in severe functional tricuspid regurgitation
J. C. Echarte Morales
- Discussion and audience interaction
- Automated deep learning CT analysis of tricuspid valve and right heart morphology
I. Mattig
- Discussion and audience interaction

13:30 - 14:15



ROOM D

Clinical Cases

Featured cases - TAVI in bicuspid valve anatomy (Part 1)

Session comprising selected PCR London Valves 2024 Clinical Cases submissions

Facilitators: S. B C, Y. Feng

- TAVR in severely calcified bicuspid valve
S. Narasimhan
- Discussion and audience interaction
- No balance - No problem
W. Tassanawiwat
- Discussion and audience interaction
- Extreme large aortic annulus in a true bicuspid calcified anatomy - TAVR with near fatal stroke
S. Garg
- Discussion and audience interaction
- TAVR for bicuspid aortic with a giant annulus
N. Bouhzam
- Discussion and audience interaction
- Antegrade transseptal TAVR
V. Gomathinayagam
- Discussion and audience interaction
- Salvage TAVR in a bicuspid aortic valve stenosis post-stroke
S. Rao
- Discussion and audience interaction

13:30 - 14:15



ROOM F

Clinical Cases

Featured cases - Complications of mitral TEER

Session comprising selected PCR London Valves 2024 Clinical Cases submissions

Facilitators: C. Barnes, T. Cahill

- PASCAL implantation for leaflet perforation caused by MitraClip device
M. Fujita
- Discussion and audience interaction
- Bailout MitraClip XTW for atrialised PASCAL Ace implant in multisegment prolapsing valve
I. Lianos
- Discussion and audience interaction
- Single leaflet detachment after MitraClip procedure: a challenge for percutaneous correction
E. Martins
- Discussion and audience interaction
- Left atrial perforation during mitral TEER: an uncommon but potentially fatal complication
A. P. Tagliari
- Discussion and audience interaction
- M-TEER: an obstacle in the path
P. Varma
- Discussion and audience interaction

13:30 - 14:15



ROOM E

Clinical Cases

Featured cases - TAVI in SAVR (Part 1)

Session comprising selected PCR London Valves 2024 Clinical Cases submissions

Facilitators: P. Chiam, W. Wojakowski

- Ross valve-in-valve TAVR clinical case
H. Albadi
- Discussion and audience interaction
- Why you should predilate during transaxillary valve-in-valve TAVR with a self-expanding platform
M. Vanhaverbeke
- Discussion and audience interaction
- Uncrossable Valve
M. Mancone
- Discussion and audience interaction
- Severe aortic regurgitation in a failed bio-bentall high risk patient: A case report
M. Bunc
- Discussion and audience interaction
- TAVI in degenerated homograft - Tips and tricks and special challenges
V. Ninios
- Discussion and audience interaction

13:30 - 14:15



THE EXCHANGE

Clinical Cases

Rapid-Fire - Rare and unusual (Part 1)

Session comprising selected PCR London Valves 2024 Clinical Cases submissions

Facilitators: M. Buch, O. Goktekin

- First known case of dual valve-in-valve replacement in caval valve implantation: valvulo-veno remodeling
- Discussion and audience interaction
- Fear the fever when allergy appears after device implantation
N. Pyrpyris
- Discussion and audience interaction
- Aspiration thrombectomy of left atrial thrombi associated with atrial appendage occlusion device
K. Khan
- Discussion and audience interaction
- Hypoxic patient and a negative bubble test: when to suspect and how to work up for a right-to-left shunt
K. Balasubramaniam
- Discussion and audience interaction
- Five-leaflet tricuspid valve regurgitation - Transcatheter repair at once?
N. Pyrpyris
- Discussion and audience interaction
- Treatment of severe tricuspid insufficiency using transcatheter bicaval system
- Discussion and audience interaction

14:05 - 14:35



HANDS ON LAB

Aortic Simulation
Pathway

Simulation-based
Learning

Safe vascular access and closure for TAVI procedures: best practice and tips and tricks

This session has been made possible thanks to the kind support of Abbott, GE Healthcare, Simulands, Teleflex and Terumo

Facilitator: N. Buzzatti

Physician Trainers: G. Ascione, A. Khokhar, M. Saccucci, A. Sticchi, M. Taramasso

Join us if you want:

- To practice ultrasound-guided femoral puncture using simulator technology
- To become more familiar with different closure devices and their application
- To learn useful tips and tricks from high volume experienced operators

14:20 - 15:50



ROOM 2 - THE FORUM

Case-based
Discussion



TAVI in bicuspid valves - Pushing the boundaries

Facilitators: I. J. Amat-Santos, M. Erlebach, A. Neylon, L. Rosseel, F. Sawaya

Join us if you want:

- To hear the latest evidence concerning the application of TAVI in bicuspid aortic valve anatomy
- To watch a live demonstration of TAVI device sizing in different bicuspid phenotypes
- To discuss the essentials of Heart Team decision making concerning the lifetime management of patients with bicuspid aortic valve anatomy

14:20 - 15:50



MAIN ARENA

LIVE Educational
Case



Advanced mitral TEER

Anchorperson: N. Dumonteil

Spokesperson: R. Hahn

Operators: M. Eskandari, K. Grigoryan, T. Patterson, S. Redwood

Procedural Analyst: J. Hausleiter

Imaging analyst: J. Dreyfus

Discussants: E. Heng, A. Rück, M. Yamamoto, K. K. Yeo

Medical Coordinator: M. Hammond-Haley

Speaker: R. Estevez-Loureiro

Participant: A. Gackowski

Join us if you want:

- To discuss the use of mitral-TEER in complex anatomical scenarios
 - To capture the central role of imaging guidance for mitral-TEER procedures
 - To contemplate future directions for the application of mitral-TEER
- Welcome and session objectives
N. Dumonteil
 - Patient presentation
R. Hahn
 - Imaging analysis
J. Dreyfus
 - Heart team discussion
 - Operator strategy
N. Dumonteil
 - LIVE Case from St. Thomas' Hospital - London, United Kingdom
 - Debriefing
 - Recorded Case "Mitral transcatheter edge to edge repair" from Hospital Álvaro Cunqueiro - Vigo, Spain
 - Debriefing
 - Key learnings

14:20 - 15:50



ROOM 3

Case-based
Discussion



How to establish a mitral TEER programme

Anchorperson: C. Cook

Spokesperson: F. Praz

Discussants: K. Hayashida, E. Ho, M. I. Koerber, A. Rossi

Participant: S. Dawkins

Join us if you want:

- To understand the contemporary role of TEER in the management of mitral regurgitation
 - To know how to establish your TEER Heart Team and referral network
 - To learn how to set up for your first case (including case and device selection)
- Welcome and session objectives
C. Cook
 - Preamble
C. Cook
 - The contemporary role of TEER in the management of MR
K. Hayashida
 - Discussion and audience interaction
 - 'Key ingredients' to start your programme
C. Cook
 - Discussion and audience interaction
 - 'Insider tips' for a successful TEER programme
S. Dawkins
 - Finding your first cases
M. I. Koerber
 - Discussion and audience interaction
E. Ho
 - How to become a 'structural imager'
E. Ho, M. I. Koerber
 - Discussion and audience interaction
 - Taking your service to the next level
C. Cook
 - How to become a high volume TEER centre
F. Praz
 - Discussion and audience interaction
 - Session evaluation and key learnings
F. Praz



14:20 - 15:05

ROOM 4

Hot line / Late-Breaking Trials



TAVI Hotline 2

Session comprising selected PCR London Valves 2024 Late-Breaking Trials submissions

Facilitators: A. Baumbach, M. Lee
Discussants: C. R. Agatiello, T. Cahill, M. Chen, C. J. Terkelsen

- Five-year outcomes after AVR in low-risk patients stratified by annulus size
M. Madhavan
- Discussion and audience interaction
- Valve performance between the SAPIEN 3 Ultra RESILIA and Evolut FX in a small aortic annulus
H. Hioki
- Discussion and audience interaction
- Clinical updates on the first dedicated leaflet splitting device prior TAVI
D. Dvir
- Discussion and audience interaction
- Long-term clinical impact of paravalvular leak following TAVI
C. Aurigemma
- Discussion and audience interaction

14:20 - 15:50

ROOM A

Abstracts

Featured research - Aortic valve (Part 3)

Session comprising selected PCR London Valves 2024 Abstracts submissions

Facilitator: A. Seth

- Case Series: TAVR for managing severe aortic regurgitation in patients with active endocarditis
D. T. Gutierrez Guadarrama
- Discussion and audience interaction
- Prognostic impact of left and right atrial strain in patients undergoing TAVR
L. Stolz
- Discussion and audience interaction
- Outcomes of SAPIEN 3 Ultra RESILIA transcatheter heart valve in patients with borderline annulus area
T. Ochial
- Discussion and audience interaction
- Predictors of permanent pacemaker implantation post-TAVI in patients with aortic regurgitation
H. Wienemann
- Discussion and audience interaction
- Impact of aortic landing zone anatomy in TAVR with ACURATE neo 2: comparison with other self-expanding devices
R. Gorla
- Discussion and audience interaction
- Feasibility of CT as a gatekeeper for invasive angiography before TAVR
A. Phichaphop
- Discussion and audience interaction
- Cardiac ischaemic events after TAVR - Results from the OBSERVANT studies
G. Laterra
- Discussion and audience interaction
- Increase PVR as prognostic marker in SAS undergoing TAVI with reduced TAPSE/PAPs ratio
F. Putorti
- Discussion and audience interaction
- Peri-procedural myocardial injury predicts poor short-term prognosis after TAVR
Q. Liu
- Discussion and audience interaction
- Discussion and audience interaction
- Safety and efficacy of the dry-pericardium transcatheter aortic valve
Y. Peng
- Discussion and audience interaction

14:20 - 15:50



ROOM B

Clinical Cases

Featured cases - TAVI-in-TAVI (Part 1)

Session comprising selected PCR London Valves 2024 Clinical Cases submissions

Facilitator: R. Bhindi

- DurAVR THV ViViV case: How to achieve optimal gradients in limited space
M. Settergren
- Discussion and audience interaction
- TAVI-IN-TAVI under a life threatening situation
A. Cervone
- Discussion and audience interaction
- Clinical case of valve-in-valve after valve deformation in transcatheter heart valves
A. Bazunov
- Discussion and audience interaction
- Late migration of transcatheter valve with severe aortic regurgitation: which valve to use?
S. Khogali
- Discussion and audience interaction
- Case example of planning and execution of a redo TAVI procedure
A. Abdelhafez
- Discussion and audience interaction
- Valve-in-Valve Procedure: Edwards 26 mm in Degenerated Symetis L - A Case with Coronary Clearance
D. Grassini
- Discussion and audience interaction
- Three's a crowd
A. Sherwen
- Discussion and audience interaction
- Redo-TAVI with an Evolut into a failed CoreValve
H. B. Leu
- Discussion and audience interaction
- TAV-in-TAV in small anatomy
M. Parekh
- Discussion and audience interaction

14:20 - 15:50



ROOM C

Abstracts

Featured research - Aortic valve (Part 4)

Session comprising selected PCR London Valves 2024 Abstracts submissions

Facilitators: S. B C, E. Saadi

- Emergency cardiac and vascular surgery during TAVI: updated Insights from a high-volume center
K. Konstantinou
- Discussion and audience interaction
- Three-year outcomes of balloon versus self-expandable valves in patients with high calcium score
K. Konstantinou
- Discussion and audience interaction
- A novel digital twin based pre- and post-TAVR haemodynamics risk assessment
- Discussion and audience interaction
- Left ventricular strain after TAVR with the JenaValve system in patients with aortic regurgitation
S. Waezsada
- Discussion and audience interaction
- Complete embolic protection with debris capture and removal in high-risk structural heart cases
T. Nazif
- Discussion and audience interaction
- Impact of severe aortic calcification in patients undergoing TAVR with Navitor System
A. Ruberti
- Discussion and audience interaction
- Long-term impact of gender differences after TAVI
J. Iwata
- Discussion and audience interaction
- A promising polyphenol-based treatment, aiming to overcome the constraints of glutaraldehyde
B. Melica
- Discussion and audience interaction
- Percutaneous transluminal angioplasty vs. intravascular lithotripsy for TAVI patients with severe peripheral artery disease
D. Belkin
- Discussion and audience interaction
- The prognostic relevance of a new bundle branch block after TAVI
K. Rao
- Discussion and audience interaction

14:20 - 15:50



ROOM D

Clinical Cases

Featured cases - TAVI nightmares (Part 1)

Session comprising selected PCR London Valves 2024 Clinical Cases submissions

Facilitators: M. Bunc, W. H. Yin

- Valve not willing to expand
M. Parekh
- Discussion and audience interaction
- Raft, balloon and arrow
B. Jahangiri
- Discussion and audience interaction
- TAVR: acute preventable complication - Managed successfully
P. Varma
- Discussion and audience interaction
- To deploy or not to deploy: an interesting case of TAVR facilitated by BASILICA
K. Khan
- Discussion and audience interaction
- A marathon of precision: from triumph to trial in the final moments
S. Mengi
- Discussion and audience interaction
- Iatrogenic ventricular septal rupture caused by TAVI
Z. ? Dombrády
- Discussion and audience interaction
- Fateful vs. faithful
D. Lulic
- Discussion and audience interaction
- Severe aortic stenosis and hypertrophic cardiomyopathy: avoid the suicide ventricle
D. Oliveira
- Discussion and audience interaction
- A bicuspid pancake
M. Daghem
- Discussion and audience interaction

14:20 - 15:50



ROOM E

Clinical Cases

Featured cases - TAVI embolisation (Part 1)

Session comprising selected PCR London Valves 2024 Clinical Cases submissions

Facilitators: A. Ghattas, C. Zukowski

- The upside down
A. Aziz
- Discussion and audience interaction
- Retrograde migration of the transcatheter aortic valve to the left ventricle
- Discussion and audience interaction
- A novel percutaneous retrieval technique to avoid coronary sequestration from an embolised transcatheter heart valve
K. Balasubramaniam
- Discussion and audience interaction
- 3 valves in TAVI
H. Muradagha
- Discussion and audience interaction
- TAVI-in-TAVI for the treatment of acute migration of a self expanding valve
C. Eftychiou
- Discussion and audience interaction
- Managing complications in high-risk patients with aortic regurgitation: JenaValve2
I. Richter
- Discussion and audience interaction
- When few pieces of evidence don't make a proof but they should arise suspicion
F. Pensotti
- Discussion and audience interaction
- A case of valve dislodgement two months after the procedure: how to handle
P. Dardas
- Discussion and audience interaction
- Iatrogenic migration of TAVI into the left ventricular outflow tract and thoracic aorta
A. Szonyi
- Discussion and audience interaction
- Percutaneous technique to overcome self-expandable TAVI migration in pure aortic valve regurgitation
A. Bezzeccheri
- Discussion and audience interaction

14:20 - 15:50

ROOM F

Clinical Cases

Featured cases - Paravalvular leak closure

Session comprising selected PCR London Valves 2024 Clinical Cases submissions

Facilitators: J. Byrne, R. Eduardo Gomes Sarmiento Leite

- A hybrid approach for an aortic paravalvular leak with paravalvular leak occluder and valve modification
C. Barcin
- Discussion and audience interaction
- Percutaneous treatment of a complex malpositioned Perceval valve
E. Arias
- Discussion and audience interaction
- Three cases of intervention to intravascular haemolysis due to paravalvular leak after TAVI with Sapien 3 Ultra RESILIA
Y. Teng
- Discussion and audience interaction
- At the crossroads : the unexpected journey
B. T. X. Lim
- Discussion and audience interaction
- When the leaflet is the cause
B. Alshehri
- Discussion and audience interaction
- Third time is the charm: complications of bicuspid aortic valve disease
S. A. Haider
- Discussion and audience interaction
- A curious case of aortic paravalvular leak
V. Ninios
- Discussion and audience interaction
- Mitral PVL closure, end it with LV pseudoaneurysm closure
B. Alshehri
- Discussion and audience interaction
- Managing infective endocarditis complications - Transcatheter mitral valve perforation closure
M. Waters
- Discussion and audience interaction

14:20 - 15:05

THE EXCHANGE

Clinical Cases

Rapid-fire - TAVI in aortic regurgitation

Session comprising selected PCR London Valves 2024 Clinical Cases submissions

Facilitators: A. Khan Niazi, M. Zimarino

- First-in-man deployment of Abbott Navitor Valve for left ventricular assist device associated aortic regurgitation
P. Seshiah
- Discussion and audience interaction
- Severe aortic regurgitation in patient with mitral mechanical valve and left ventricular assist device: place your bets!
R. Trillo
- Discussion and audience interaction
- TAVI for pure native aortic regurgitation of a bicuspid valve: the pinnacle of challenges
B. G. Martin
- Discussion and audience interaction
- TAVI in native pure aortic regurgitation - Pull to achieve
S. Narasimhan
- Discussion and audience interaction
- TAVI in non-calcified severe aortic regurgitation - Uncharted territory
S. Narasimhan
- Discussion and audience interaction
- TAVI in aortic regurgitation case
G. Kane
- Discussion and audience interaction
- Is oversizing the way for aortic regurgitation?
K. Stathogiannis
- Discussion and audience interaction

14:45 - 15:45

SIMULATION
LEARNING
ROOM

Mitral Simulation
Pathway

Imaging

Simulation-based
Learning

Tips and tricks for mitral transcatheter edge-to-edge repair: anatomy and imaging

This session has been made possible thanks to the kind support of Abbott, Edwards Lifesciences, GE Healthcare, and Simulands

Anchorperson: P. Gatto
Facilitators: M. Adamo, J. Grapsa, M. Taramasso
Media Driver: A. Faggi

Join us if you want:

- To obtain a deeper knowledge of mitral valve anatomy to guide precise procedural execution
- To understand the imaging standards that guide an accurate and effective mitral TEER procedure
- To become familiar with the materials, techniques, and step-by-step manoeuvres to ensure a successful mitral TEER outcome

14:45 - 15:15



HANDS ON LAB

Tricuspid
Simulation
Pathway

Simulation-based
Learning

Anatomy of the tricuspid valve: what does the interventionist need to know?

This session has been made possible thanks to the kind support of Abbott, Edwards Lifesciences, Philips, Siemens Healthineers and Simulands

Facilitator: P. Denti
Physician Trainers: N. Azzola Guicciardi, N. Buzzatti, F. Gramegna, G. Russo, M. Saccocci, M. Shuvy, A. P. Tagliari

Join us if you want:

- To understand the anatomical landmarks of the tricuspid valve and right heart
- To appreciate how tricuspid valve devices may interact with native right heart anatomy
- To discuss the challenges that may arise during tricuspid TEER procedures with peers and experienced colleagues

14:45 - 15:45



IMAGING SKILLS LAB

Imaging

Imaging-based
Learning

Tricuspid imaging session

Facilitators: N. Ajmone Marsan, B. Rana, M. Swaans, J. Von Stein, J. Von Stein, N. Wunderlich

Join us if you want:

- To know how to assess the tricuspid valve apparatus using echocardiography in the context of a catheter-based intervention, with a focus on key anatomical and functional parameters
 - To understand which anatomical criteria are important in the selection of patients for tricuspid TEER
 - To learn how to guide a tricuspid TEER procedure and optimise procedural outcomes
- Welcome and session objectives
M. Swaans
 - Navigation in the right atrium – What do I need to know?
N. Wunderlich
 - What criteria do I use to select a patient for tricuspid TEER - And how do I plan the procedural strategy?
N. Ajmone Marsan, N. Wunderlich
 - Which TOE views do I use to safely and effectively guide a tricuspid TEER procedure - And what requires special attention during individual procedural steps?
M. Swaans
 - How do I assess the result of a tricuspid TEER procedure?
M. Swaans
 - Session evaluation and key learnings
M. Swaans

14:45 - 15:45



IMAGING LEARNING LAB

Imaging

Imaging-based
Learning

Intracardiac echocardiography: how and when? Part 1

Facilitator: N. Piazza

Join us if you want:

- To know when to use intracardiac echocardiography to guide transcatheter heart interventions
- To understand how to correctly position the intracardiac echocardiography probe to optimise image acquisition
- To learn to interpret intracardiac echocardiography images for transcatheter heart interventions

15:10 - 15:55

ROOM 4

Hot line / Late-Breaking Trials



Mitral Hotline

Session comprising selected PCR London Valves 2024 Late-Breaking Trials submissions

Facilitators: F. De Brito Jr, T. Modine
Discussants: S. Kar, J. Stehli, W. Wojakowski, S. Worthley

- Real-world outcomes with initial clip selection of MitraClip G4 device from OCEAN-Mitral registry
S. Kubo
- Discussion and audience interaction
- Tricuspid regurgitation and 3-year mortality after treatment of mitral valve disease
K. Goel
- Discussion and audience interaction
- Half moon posterior leaflet augmentation: early human experience
A. Latib
- Discussion and audience interaction
- HighLife transseptal mitral valve feasibility study: on-year outcomes of the first 45 patients
D. Hildick-Smith
- Discussion and audience interaction
- Left ventricular remodelling following transcatheter mitral valve replacement
M. Guerrero
- Discussion and audience interaction

15:10 - 15:55

THE EXCHANGE

Clinical Cases

Rapid-fire - TAVI-in-TAVI (Part 1)

Session comprising selected PCR London Valves 2024 Clinical Cases submissions

Facilitator: R. Costa

- Strategies for redo TAVI to treat paravalvular leak of self-expandable TAVI prosthesis
A. Kwiecien
- Discussion and audience interaction
- Valve-in-valve bailout technique for severe aortic stenosis in TAVR due to migration of self-expanding valve
F. Akturk
- Discussion and audience interaction
- First valve-in-valve using Myval Octacor in severe paravalvular regurgitation after initial TAVI with self-expanding valve
M. Farkic
- Discussion and audience interaction
- The rocketing valve: the importance of final steps
H. Bahaa
- Discussion and audience interaction
- Oversizing
M. Mancone
- Discussion and audience interaction
- Coronaries in danger
R. Improta
- Discussion and audience interaction
- Chimney stenting in a patient with degenerated aortic valve prosthesis and multivessel disease
- Discussion and audience interaction

15:20 - 15:50

HANDS ON LAB

Tricuspid Simulation Pathway

Simulation-based Learning

Anatomy of the tricuspid valve: what does the interventionist need to know?

This session has been made possible thanks to the kind support of Abbott, Edwards Lifesciences, Philips, Siemens Healthineers and Simulands

Facilitator: P. Denti
Physician Trainers: N. Azzola Guicciardi, N. Buzzatti, F. Gramegna, G. Russo, M. Saccocci, M. Shuvy, A. P. Tagliari

Join us if you want:

- To understand the anatomical landmarks of the tricuspid valve and right heart
- To appreciate how tricuspid valve devices may interact with native right heart anatomy
- To discuss the challenges that may arise during tricuspid TEER procedures with peers and experienced colleagues

16:05 - 17:05

**SIMULATION
LEARNING
ROOM**

Simulation-based
Learning

**TAVI in patients with complex
calcific peripheral vascular
disease**

This session has been made possible thanks to the kind support of Abbott, Boston Scientific, GE Healthcare, Gore Medical, Heartroid, Shockwave, Simulands and Terumo

Anchorperson: N. Buzzatti
Facilitators: O. De Backer, M. Saccocci, G. Sardella
Media Driver: N. Azzola Guicciardi

Join us if you want:

- To understand the importance of a perfect vascular puncture
- To know how to safely manage calcific peripheral vascular disease and expand the remit of transfemoral TAVI for your patients
- To learn how to prepare for vascular bleeding complications and manage them successfully

16:15 - 17:15

**ROOM 2 - THE
FORUM**

Case-based
Discussion



**Mitral TEER - Advanced skills
(challenging anatomy - when,
why and how?)**

Facilitators: E. Heng, N. Schofer, M. Sitges

Join us if you want:

- To understand the transcatheter treatment options available for complex mitral valve anatomy
- To learn how to approach challenging mitral valve anatomy with TEER
- To appreciate the limits of mitral TEER

16:15 - 17:15

MAIN ARENA

Hot line / Late-
Breaking Trials



The Top Late-Breaking Trials

Session comprising selected PCR London Valves 2024 Late-Breaking Trials submissions - In collaboration with EuroIntervention Journal (EIJ)

Anchorperson: D. Capodanno
Spokesperson: R. Kornowski
Discussants: A. Abizaid, D. Hildick-Smith, M. Joner, R. Kharbanda, M. Lee, S. Lim

- › One-year results of a randomised study comparing two balloon expandable TAVI valves
H. Nissen
- › Discussion and audience interaction
- › 30 days outcomes of transfemoral J-valve for chronic aortic regurgitation: a prospective, multicentre study in 127 cases
L. Wei
- › Discussion and audience interaction
- › TRISCEND II: transcatheter valve replacement vs. medical therapy for tricuspid regurgitation
R. Makkar
- › Discussion and audience interaction
- › Bicaval TricValve in severe tricuspid regurgitation - One-year outcomes from the Tricbicaval registry
A. Sanchez Recalde
- › Discussion and audience interaction
- › Two-year outcomes of mitral transcatheter edge-to-edge repair from the MiCLASP study
T. Geisler
- › Discussion and audience interaction
- › CLASP IID randomised trial and registry: two-year outcomes
R. Makkar
- › Discussion and audience interaction

16:15 - 17:15

ROOM 3

Case-based
Discussion



TAVI and coronary artery disease

Anchorperson: M. Barbanti
Spokesperson: P. Maccarthy
Discussants: M. Adamo, A. Mcinerney, A. Seth, C. Zukowski

Join us if you want:

- To understand the clinical impact of coronary artery disease in TAVI recipients
 - To appreciate the optimal timing of coronary revascularisation in TAVI patients
 - To learn how to guarantee future coronary access following a TAVI procedure
- › Welcome and session objectives
M. Barbanti
 - › CAD and AS 2.0: old dogma, new paradigms
T. Pilgrim
 - › Discussion and audience interaction
 - › Optimal timing of coronary revascularisation in TAVI patients
C. Cook
 - › Discussion and audience interaction
 - › A typical patient
C. De Biase
 - › Discussion and audience interaction
 - › Select TAVI, but think PCI: how to guarantee easy coronary re-access after TAVI
G. Costa
 - › Discussion and audience interaction
 - › Session evaluation and key learnings
P. Maccarthy

16:15 - 17:15

ROOM 4

Case-based
Discussion



Tricuspid valve intervention - Current devices and future perspectives

With the collaboration of the PCR Tricuspid Focus
Group

Anchorperson: R. Estevez-Loureiro
Spokesperson: M. Erlebach
Discussants: J. Byrne, V. Esteves, K. P.
Friedrichs, M. Taramasso

Join us if you want:

- To understand the anatomical challenges associated with implantation of tricuspid valve devices
 - To get an overview of current devices and factors that influence selection
 - To discuss the early data supporting different device approaches
- Welcome and session objectives
R. Estevez-Loureiro
 - Case 1: a patient with atrial functional tricuspid regurgitation - How should I treat?
K. P. Friedrichs, M. Gerçek
 - Discussion and audience interaction
 - Case 1: a patient with atrial functional tricuspid regurgitation - How did I treat?
K. P. Friedrichs, M. Gerçek
 - Case 2: a patient with a large annulus and coaptation gap - How should I treat?
J. Byrne
 - Discussion and audience interaction
 - Case 2: a patient with a large annulus and coaptation gap - How did I treat?
J. Byrne
 - Case 3: a patient with complex valve anatomy - How should I treat?
V. Esteves
 - Discussion and audience interaction
 - Case 3: a patient with complex valve anatomy - How did I treat?
V. Esteves
 - What other options could we consider?
N. Fam
 - Session evaluation and key learnings
M. Erlebach

16:15 - 16:45

HANDS ON LAB

Mitral Simulation
Pathway

Simulation-based
Learning

Transseptal puncture and left atrial navigation for mitral and LAO procedures

This session has been made possible thanks to the
kind support of Abbott and Simulands

Facilitators: N. Dumonteil, P. Gatto
Physician Trainers: A. Faggi, C. Gaspardone,
F. Gramegna, G. Russo, M. Shuvy, A. P.
Tagliari

Join us if you want:

- To understand the importance of accurate transseptal puncture for specific devices and procedures
- To know the basic manoeuvres required for safe and successful left atrial navigation
- To master the technique of transseptal puncture using simulation based training models

16:15 - 17:15

IMAGING
LEARNING LAB

Imaging

Imaging-based
Learning

Intracardiac echocardiography: how and when? Part 2

Facilitators: E. Ho, A. Latib

Join us if you want:

- To know when to use intracardiac echocardiography to guide transcatheter tricuspid valve interventions
- To understand how to correctly position the intracardiac echocardiography probe during transcatheter tricuspid valve interventions
- To learn how to interpret intracardiac echocardiography images for transcatheter tricuspid valve interventions

16:15 - 17:15



IMAGING SKILLS
LAB

Imaging

Imaging-based
Learning

The TAVI CT - Hands-on

Facilitators: H. Jilaihawi, S. Mirsadraee
(Pending confirmation)
Media Driver: N. Montarello

Join us if you want:

- To understand the essential elements of the TAVI CT report
 - To obtain hands on experience of TAVI CT reporting using contemporary software and apply your skills to tomorrow's live cases scheduled in the Main Arena
 - To learn from experienced mentors and network with your peers
- Welcome and session objectives
S. Mirsadraee (Pending confirmation)
 - How to report a TAVI CT
S. Mirsadraee (Pending confirmation)
 - Discussion and audience interaction
 - Mentored reporting session
S. Mirsadraee (Pending confirmation)
 - Presentation of LIVE Cases
N. Montarello
 - Participant reporting session
S. Mirsadraee (Pending confirmation)
 - Session evaluation and key learnings
S. Mirsadraee (Pending confirmation)

16:15 - 17:15



ROOM B

Clinical Cases

Featured cases - Valve-in-valve TAVI with balloon fracture

Session comprising selected PCR London Valves
2024 Clinical Cases submissions

Facilitator: T. Kaneko

- Valve-in-valve TAVR with valve fracture in a complex anatomy
M. Parekh
- Discussion and audience interaction
- Fracture to fix
S. Narasimhan
- Discussion and audience interaction
- Unexpanded SAPIEN 3: 20mm in perimount 19mm
G. Ghanem
- Discussion and audience interaction
- Breaking barriers: an Achilles' heel of valve-in-valve TAVI
S. Mengi
- Discussion and audience interaction
- Transfemoral aortic valve-in-valve and bioprosthetic valve fracture
H. H. Escutia-Cuevas
- Discussion and audience interaction
- Challenging valve-in-valve: highlighting the importance of ring fracture and challenges encountered
G. Ghanem
- Discussion and audience interaction

16:15 - 17:15



ROOM A

Abstracts

Featured research - Mitral valve (Part 1)

Session comprising selected PCR London Valves
2024 Abstracts submissions

Facilitators: M. Buch, F. Hellig

- Full cycle multislice CT for a less restrictive neo-left ventricular outflow tract area cut-off in transcatheter mitral valve-in-valve
C. Vella
- Discussion and audience interaction
- Addressing anatomical challenges to TMVR with the Transseptal HighLife System
S. Worthley
- Discussion and audience interaction
- Prognostic role of right heart catheterisation in transcatheter edge-to-edge mitral valve repair
G. Masiero
- Discussion and audience interaction
- Feasibility of a same-day discharge approach after mitral transcatheter edge-to-edge repair
G. Leurent
- Discussion and audience interaction
- Impact of handgrip strength on all-cause mortality following transcatheter edge-to-edge repair
M. Saji
- Discussion and audience interaction
- Up to 20-year follow-up of percutaneous mitral balloon commissurotomy
- Discussion and audience interaction

16:15 - 17:15

ROOM C

Abstracts

Featured research - Mitral valve (Part 2)

Session comprising selected PCR London Valves 2024 Abstracts submissions

Facilitators: W. Mohl, M. Urena

- First results of the TEND-RING Tendyne mitral valve-in-ring registry
J. Maier
- Discussion and audience interaction
- Feasibility and results of mitral valve clipping after failed surgical mitral valve repair
J. Eridon
- Discussion and audience interaction
- Outcomes of TEER of primary mitral regurgitation according to anatomy
D. Samim
- Discussion and audience interaction
- Favourable effects of the altavale mitral prosthesis on left atrium volume and strain
N. Hamid
- Discussion and audience interaction
- Severity and prognosis of mitral regurgitation in patients with mitral annular calcification
P. Seshiah
- Discussion and audience interaction
- Invasive cardiomechanics and energetics of mitral TEER for acute and chronic mitral regurgitation
O. Chehab
- Discussion and audience interaction
- Epygon TMVR: a novel prosthesis restoring physiological haemodynamics
M. Sarraf
- Discussion and audience interaction

16:15 - 17:15

ROOM D

Clinical Cases

Featured cases - Challenging tricuspid interventions (Part 2)

Session comprising selected PCR London Valves 2024 Clinical Cases submissions

Facilitators: T. Cahill, S. Ludwig

- TTVR in a transplanted heart with a non-native landing zone
H. Hinkov
- Discussion and audience interaction
- TTVR in recurrent tricuspid regurgitation after T-TEER
H. O. A. C. Chiu
- Discussion and audience interaction
- Extremely difficult transcatheter tricuspid valve-In-valve implantation
Z. Huczek
- Discussion and audience interaction
- Rheumatic valve disease: choosing your battles wisely
K. Stathogiannis
- Discussion and audience interaction
- Rapid discharge and recovery after TTVI
X. Freixa
- Discussion and audience interaction
- TTVR with EVOQUE after failed TEER device and cardiac implantable electronic device
P. Krishnamoorthy
- Discussion and audience interaction
- The future now - Stop haemolysis before haemolysis stops you
C. Guerreiro
- Discussion and audience interaction

16:15 - 17:15

ROOM E

Clinical Cases

Featured cases - TAVI coronary complications

Session comprising selected PCR London Valves 2024 Clinical Cases submissions

Facilitator: T. Nestelberger

- A case of post-TAVR acute pulmonary oedema
A. Ko
- Discussion and audience interaction
- Inter-TAVI diastolic gradient: an unusual TAVI complication solved with basic haemodynamics
R. Palma
- Discussion and audience interaction
- Late coronary artery occlusion after TAVR-in-SAVR with chimney technique
D. Sato
- Discussion and audience interaction
- Acute coronary syndrome after TAVI due to subacute left main ostial obstruction: a case report
- Discussion and audience interaction
- When TAVI backfires
D. Kamal
- Discussion and audience interaction
- A block on the road to TAVI
A. Faiz
- Discussion and audience interaction

16:15 - 17:15



ROOM F

Clinical Cases

Featured cases - Atrial septal challenges during mitral TEER

Session comprising selected PCR London Valves 2024 Clinical Cases submissions

Facilitators: C. Barnes, Y. Watanabe

- Grasp the clip: bailout strategy to manage acute single leaflet detachment during Mitraclip procedure
R. Nerla
- Discussion and audience interaction
- MitraClip implantation in a patient with a challenging transseptal puncture
L. R. Carmen
- Discussion and audience interaction
- Fixing the mitral valve: navigating through a roadblock
P. Varma
- Discussion and audience interaction
- Where did the bleeding come from?
H. Muradagha
- Discussion and audience interaction
- An unpleasant surprise
J. Stehli
- Discussion and audience interaction
- To close it or not? An unresolved dilemma
N. Pyrryris
- Discussion and audience interaction
- First-in-human experience with the transseptal Saturn TMVR system
P. Denti
- Discussion and audience interaction

16:15 - 17:15



THE EXCHANGE

Clinical Cases

Rapid-fire - Mitral and tricuspid interventions

Session comprising selected PCR London Valves 2024 Clinical Cases submissions

Facilitator: L. Bonfils

- Staged TMVR and combined T-TEER and transcatheter atrial septum defect occlusion
V. Ninios
- Discussion and audience interaction
- How should I treat a pulmonary artery rupture occurring during a TTVR?
M. Erturk
- Discussion and audience interaction
- Air gas embolism during mitral TEER: how to prevent, manage, and treat it
T. C. Aranzulla
- Discussion and audience interaction
- High-grade atrioventricular block following TTVR: a tale of two extremes
H. Sharma
- Discussion and audience interaction
- Stretching the limit
A. Sherwen
- Discussion and audience interaction
- TTVR in patient with mixed etiology and flail leaflet
- Discussion and audience interaction
- Mitral regurgitation due to ischaemic papillary muscle rupture in a high-risk elderly patient: how to manage it?
A. P. Tagliari
- Discussion and audience interaction
- 5-Year outcomes after TEER in 51-year-old patient
- Discussion and audience interaction

16:50 - 17:20



HANDS ON LAB

Mitral Simulation Pathway

Simulation-based Learning

Transseptal puncture and left atrial navigation for mitral and LAO procedures

This session has been made possible thanks to the kind support of Abbott and Simulands

Facilitators: N. Dumonteil, P. Gatto
Physician Trainers: A. Faggi, C. Gasparone, F. Gramegna, G. Russo, M. Shuvy

Join us if you want:

- To understand the importance of accurate transseptal puncture for specific devices and procedures
- To know the basic manoeuvres required for safe and successful left atrial navigation
- To master the technique of transseptal puncture using simulation based training models

17:20 - 18:50



MAIN ARENA

Symposium with
LIVE case



17:20 - 18:20



ROOM 2 - THE
FORUM

Symposium



17:20 - 18:50



ROOM 3

Symposium with
Recorded case



17:20 - 18:20



ROOM 4

Symposium with
Recorded case



Leading innovation for patients with valvular heart disease

See session details in the Sponsored
Programme section at the end of this
document.

Rendez-vous with Myval THV series and Landmark RCT

See session details in the Sponsored
Programme section at the end of this
document.

Optimisation of your valve implantation to ensure lifelong outcomes using a novel self- expanding valve

See session details in the Sponsored
Programme section at the end of this
document.

Innovation never stops: Cardiovalve in action!

See session details in the Sponsored
Programme section at the end of this
document.

17:20 - 18:20



SIMULATION
LEARNING
ROOM

Simulation-based
Symposium



Unlocking the potential of mitral and tricuspid valves clipping

See session details in the Sponsored
Programme section at the end of this
document.

08:30 - 10:00

MAIN ARENA

LIVE Educational
Case**TAVI for pure aortic regurgitation**

Anchorperson: F. Maisano
Spokesperson: N. Van Mieghem
Operators: M. Adam, S. Baldus, E. Kuhn
Procedural Analyst: S. Bleiziffer
Imaging analyst: E. Ho
Discussants: A. Baumbach, A. Chieffo, M. Coylewright, A. Damonte, T. Kaneko, R. Makkar
Medical Coordinator: M. Boiago
Speaker: K. Hayashida

Join us if you want:

- To appreciate the clinical burden of pure aortic regurgitation
 - To learn more about current and future transcatheter technologies for pure aortic regurgitation
 - To discuss contemporary techniques to prevent severe aortic regurgitation in complex TAVI procedures
- Welcome and session objectives
F. Maisano
 - Patient presentation
N. Van Mieghem
 - Imaging analysis
E. Ho
 - Heart team discussion
 - Operator strategy
F. Maisano
 - LIVE Case from University Hospital of Cologne - Cologne, Germany
 - Debriefing
 - Recorded Case "TAVI for a patient with LVOT calcification" from Keio University – Tokyo, Japan
 - Debriefing
 - Key learnings
F. Maisano

08:30 - 09:15

ROOM 2 - THE
FORUM

Innovation

Innovation / CV
Pipeline**Voices of innovation: perspectives from the stakeholders**

Facilitators: J. Calle Gordo, A. Latib
Discussants: M. Bellmann, D. Gottlieb, J. Granada, C. Meduri, T. Modine, B. Sorensen

Join us if you want:

- To understand the perspectives of key stakeholders in the innovation process
 - To analyse the challenges and opportunities at each stage of the innovation lifecycle from initial breakthrough to market regulation and potential acquisition.
 - To critically evaluate the current regulatory landscape
- Welcome and session objectives - Who are the stakeholders
A. Latib
 - The innovator - Behind the breakthrough: overcoming obstacles on the path to innovation
F. St Goar
 - The investor - The investor's eye: what we seek in promising ventures
D. Gottlieb
 - The strategic - Biding their time: a strategic wait before the big acquisition
B. Sorensen
 - The regulator - Getting it on the "mark": is the bar being set too high?
M. Bellmann
 - Discussion and audience interaction
 - Session evaluation and key learnings - Bringing it all together
J. Granada

08:30 - 10:00



ROOM 3

Case-based
Discussion

Non-transfemoral TAVI - The toolkit

Anchorperson: O. De Backer
Spokesperson: F. Sawaya
Discussants: I. J. Amat-Santos, R. Hegeman, T. Hovasse, L. Testa

Join us if you want:

- To understand when alternative access TAVI approaches are more appropriate than the transfemoral route
 - To appreciate how vascular modification techniques can facilitate transfemoral access in a wider range of patients
 - To know how to tackle TAVI using a variety of non-transfemoral approaches (transsubclavian, transaxillary, transaortic, transapical and transcaval)
- Welcome and session objectives
O. De Backer
 - Which TAVI approaches are used in contemporary practice?
F. Sawaya
 - European TAVI pathway survey
L. Rosseel
 - Discussion and audience interaction
 - Assisted transfemoral TAVI
S. Berti
 - Orbital atherectomy-assisted transfemoral TAVI
A. Quagliana
 - Discussion and audience interaction
 - Transsubclavian and transaxillary TAVI
E. Saadi
 - Discussion and audience interaction
 - Transcarotid TAVI
R. Parma
 - Discussion and audience interaction
 - Transcaval TAVI
D. Hildick-Smith
 - Discussion and audience interaction
 - Session evaluation and key learnings
F. Sawaya

08:30 - 10:00



ROOM 4

Case-based
Discussion

Tricuspid transcatheter edge-to-edge repair - The fundamentals

With the collaboration of the PCR Tricuspid Focus Group

Anchorperson: N. Karam
Spokesperson: T. Patterson
Discussants: X. Freixa, M. Sitges, R. Smith, M. Taramasso

Join us if you want:

- To understand the anatomical criteria that determine suitability for tricuspid TEER
- To appreciate the importance of imaging and haemodynamic assessment
- To understand the key steps of a tricuspid TEER procedure

- Welcome and session objectives
N. Karam
- Our case for tricuspid TEER
T. Patterson
- Discussion and audience interaction
- Echocardiographic assessment
T. Patterson
- Discussion and audience interaction
- Haemodynamic assessment
T. Patterson
- Discussion and audience interaction
- Key procedural steps
T. Patterson
- Discussion and audience interaction
- Session evaluation and key learnings
N. Karam

08:30 - 09:30

SIMULATION
LEARNING
ROOMSimulation-based
Learning

Advanced leaflet management for aortic valve-in-valve procedures

This session has been made possible thanks to the kind support of Boston Scientific and Heartroid

Anchorperson: T. Rudolph
Facilitators: M. Abdel-Wahab, N. Buzzatti
Media Driver: N. Azzola Guicciardi

Join us if you want:

- To understand the predictors of coronary occlusion during a TAVI procedure and learn more about prevention of this life threatening complication
- To understand when and how to perform a BASILICA procedure
- To learn useful tips and tricks from high volume experienced operators

08:30 - 09:30

HANDS ON LAB

Innovation
Innovation / CV
Pipeline

Hands On innovation - A show and tell experience with cutting-edge devices for transcatheter valve intervention

Session comprising selected PCR London Valves 2024 Innovation submissions

Facilitators: S. Lim, J. Schwartz

Join us if you want:

- To see new structural intervention devices at an early stage of their development
 - To interact in person with early-stage start-up partners
 - To have hands on experience with innovative pre-CE mark technology
- Mitral butterfly: the next-gen hemi-valve mitral repair device
W. Mohl
- A novel TTVR system: a multicentre first-in-human experience
A. Quadri
- HighLife: an intuitive stepwise procedure
G. Bortlein

08:30 - 09:30

IMAGING SKILLS LAB

Imaging
Imaging-based
Learning

The TAVI CT - Hands-on

Facilitators: T. Mittal (Pending confirmation), T. Rogers
Media Driver: N. Montarello

Join us if you want:

- To understand the essential elements of the TAVI CT report
 - To obtain hands on experience of TAVI CT reporting using contemporary software
 - To learn from experienced mentors and network with your peers
- Welcome and session objectives
T. Mittal (Pending confirmation)
- How to report a TAVI CT
T. Mittal (Pending confirmation)
- Discussion and audience interaction
- Mentored reporting session
T. Mittal, N. Montarello
- Participant reporting session
T. Mittal (Pending confirmation), N. Montarello
- Session evaluation and key learnings
T. Mittal (Pending confirmation)

08:30 - 10:00

IMAGING LEARNING LAB

Imaging
Imaging-based
Learning

Imaging for TAVI - It's all on the S-curve

Facilitators: M. Barbanti, D. Tchetché

Join us if you want:

- To review the anatomy of the aortic cusps and coronary arteries relative to the aortic annulus S-curve
- To understand how to use the aortic annulus S-curve for selecting the correct TAVI implantation view and perform commissural alignment
- To learn how to use the aortic annulus S-curve to facilitate coronary access and intervention after TAVI

08:30 - 10:00

ROOM A

Nurses and Allied
Professionals
Case-based
Discussion



A think tank for referral and initial assessment

Facilitators: L. Hinterbuchner, K. Wilson
Media Driver: S. Carson

Join us if you want:

- To improve your systems for the management of referrals for valve intervention and optimise safety and efficiency
 - To know what needs to be covered in the first consultation with your patient
 - To understand what needs to be discussed to allow an informed decision concerning treatment options
- Introduction to the NAP day
K. Wilson
- Session objectives
K. Wilson
- Building an efficient referral process for valve interventions
L. Hinterbuchner, K. Wilson
- The initial consultation
G. Mccalmont
- Discussion and audience interaction
- Pre-habilitation, exercise and nutrition
B. Reich
- Discussion and audience interaction
- Frailty and cognitive assessment
L. Hinterbuchner
- Discussion and audience interaction
- Pre-procedural discharge planning
M. De Ronde
- Session evaluation and key learnings
L. Hinterbuchner

08:30 - 10:00



ROOM C

Abstracts

Featured Research - Aortic valve (Part 5)

Session comprising selected PCR London Valves 2024 Abstracts submissions

Facilitators: W. K. Kim, Z. Zhao

- Prospective observational study for prediction and incidence of pacemaker after TAVI (CONDUCT-TAVI)
K. Rao
- Discussion and audience interaction
- Commissural misalignment following valve-in-valve TAVI
M. Raschpichler
- Discussion and audience interaction
- One-year clinical and echocardiographic outcomes with the SAPIEN 3 Ultra Resilia Valve
G. Tang
- Discussion and audience interaction
- Impact of leaflet laceration on the occurrence of valve thrombosis after valve-in-valve TAVI
J. Rotta Detto Loria
- Discussion and audience interaction
- A comparative study on the cloud-based artificial intelligence-powered fully automated pre-procedural TAVR planning
U. Guelan
- Discussion and audience interaction
- Echocardiographic and long-term events in transcatheter vs. redo AVR
N. Pyrryris
- Discussion and audience interaction
- Long-term durability of balloon expandable vs. self-expanding transcatheter aortic valve prostheses
A. R. Munafò
- Discussion and audience interaction
- Aortic root anatomy and clinical outcomes after TAVR
K. W. Chen
- Discussion and audience interaction
- Long-term impact of early subclinical leaflet thrombosis after TAVI
J. Iwata
- Discussion and audience interaction
- Validation of the Valve Academic Research Consortium high bleeding risk criteria for peri-procedural bleeding in patients undergoing TAVI
D. Cao
- Discussion and audience interaction

08:30 - 10:00



ROOM D

Clinical Cases

Featured Cases - TAVI embolisation (Part 2)

Session comprising selected PCR London Valves 2024 Clinical Cases submissions

Facilitator: C. Zukowski

- Transcatheter aortic valve gone through the roof
S. Moos
- Discussion and audience interaction
- The path less taken: managing the unexpected in TAVI
S. Mengi
- Discussion and audience interaction
- You better think twice
N. Glavnik Poznic
- Discussion and audience interaction
- Trouble in the lab: succesful management of a self-expanding valve pop-up
S. Gormel
- Discussion and audience interaction
- A novel bailout snare technique in TAVI
J. Yao
- Discussion and audience interaction
- Dislodged self-expanding aortic valve in a bicuspid anatomy: an unexpected event
S. Garg
- Discussion and audience interaction
- Everything is perfect until it's not
S. Narasimhan
- Discussion and audience interaction
- A modified loop snare technique for TAVR in severe aortic stenosis caused by migration of the valve into the left ventricle
F. Akturk
- Discussion and audience interaction
- Subacute valve migration in a case of TAVI for severe aortic regurgitation in a post-MVR patient
O. M. Hasan
- Discussion and audience interaction
- TAVI migration complication in a high-risk patient
- Discussion and audience interaction

08:30 - 10:00



ROOM E

Abstracts

Featured Research - Aortic valve (Part 6)

Session comprising selected PCR London Valves
2024 Abstracts submissions

Facilitators: A. Abbas, D. Wood

- Impact of multivalvular disease on outcomes in patients undergoing TAVR
P. Doldi
- Discussion and audience interaction
- ProGlide vs. MANTA: a patient-level meta-analysis
O. Dumpies
- Discussion and audience interaction
- Cardiac output according to the transcatheter heart valve platform in patients with small annulus
M. Alkhalil
- Discussion and audience interaction
- A hemodynamic comparison of supra- versus intra-annular self-expanding transcatheter heart valves
O. Angerås
- Discussion and audience interaction
- Comparative safety and effectiveness of balloon aortic valvuloplasty via radial and femoral access
J. Fang
- Discussion and audience interaction
- In-hospital strategy among patients with new onset left bundle branch block after TAVI
C. Rivadulla
- Discussion and audience interaction
- Safety and efficacy of transcaval access for transcatheter aortic valve intervention
C. Guerreiro
- Discussion and audience interaction
- Immediate and early outcomes following TAVR with a novel balloon-expandable bioprosthesis
A. Ielasi
- Discussion and audience interaction
- Stent expansion of self-expanding transcatheter heart valves across the cardiac cycle
G. Costa
- Discussion and audience interaction

08:30 - 10:00



ROOM F

Clinical Cases

Featured cases - TAVI coronary protection strategies (Part 1)

Session comprising selected PCR London Valves
2024 Clinical Cases submissions

Facilitators: Y. Feng, M. Parekh

- Two chimneys, one cusp: navigating congenital and iatrogenic complexity
M. Hammond-Haley
- Discussion and audience interaction
- Predicting coronary obstruction after TAVI with contrast injection during BAV: Fine-tuning technique
S. Cheewatanakornkul
- Discussion and audience interaction
- Coronary protection during TAVI for exceptionally low left coronary height
S. Fawaz
- Discussion and audience interaction
- Mini-chimney technique in a TAVI case with a balloon-expandable valve
C. Cavazza
- Discussion and audience interaction
- Valve patient saved by the PCI
S. Misra
- Discussion and audience interaction
- India's first case of Vienna pre-mounted dry tissue TAVR with left coronary protection
S. Chidambaram
- Discussion and audience interaction
- TAVI for bicuspid aortic valve with chimney stenting: a strategy to mitigate coronary compromise
V. Kesavan
- Discussion and audience interaction
- Management of protuberated right coronary artery stent in patient undergoing TAVI procedure
A. Firouzi
- Discussion and audience interaction
- Successful coronary protection during TAVI in patient with short and low left coronary system
R. Esparza Corona
- Discussion and audience interaction
- TAVI in small annulus and tortuous anatomy
H. Mehta
- Discussion and audience interaction

08:30 - 09:15



THE EXCHANGE

Clinical Cases

Rapid-fire - TAVI complications (Part 1)*Session comprising selected PCR London Valves 2024 Clinical Cases submissions***Facilitators: J. Joseph, M. Yamamoto**

- When a chimney goes wrong
P. Savage
- Discussion and audience interaction
- Sometimes the better is the enemy of the good
L. Barbieri
- Discussion and audience interaction
- Navigating through TAVI outcomes: case presentation
R. I. Radu
- Discussion and audience interaction
- Pure regurgitation meets porcelain: a valve's unexpected two-way journey
A. Dursun
- Discussion and audience interaction
- TAVR complication: when we closed the rent on follow-up
P. Varma
- Discussion and audience interaction
- Advanced post-operative management of heterotopic TVR
A. G. Cammardella
- Discussion and audience interaction

09:20 - 10:50



ROOM 2 - THE FORUM

Case-based Discussion

**Recurrent and residual mitral regurgitation after transcatheter repair - Assessment and management****Facilitators: P. Calvert, M. Swaans****Join us if you want:**

- To know how to avoid recurrent and residual mitral regurgitation after transcatheter repair
 - To understand how to assess the mechanism and severity of recurrent and residual mitral regurgitation
 - To learn more about possible transcatheter and surgical treatment solutions
- Welcome and session objectives
P. Calvert
 - How do I assess the mechanism and severity of mitral regurgitation after TEER?
R. Hahn
 - Advanced case
J. Hausleiter
 - Case-based discussion
J. Hausleiter
 - How to avoid residual or recurrent mitral regurgitation after transcatheter repair?
M. Urena
 - Discussion and audience interaction
 - What does your interventionist need to know to treat recurrent or residual mitral regurgitation?
M. Garbi
 - Case-based discussion
J. Fang
 - No interventional options - what can the surgeon offer?
H. Treede
 - Discussion and audience interaction
H. Treede
 - Session evaluation and key learning
M. Swaans

09:20 - 10:05

ROOM B

Innovation
Innovation / CV
Pipeline**Tales of structural heart innovation: happiness follows pain and sweat - Session 1****Facilitator: J. Calle Gordo**
Discussants: D. Gottlieb, C. Meduri, D. Pinto, F. St Goar**Join us if you want:**

- To understand how complex device designs can lead to long term impact on product performance or patient safety
 - To discuss drivers for success when starting a new product concept
 - To discuss how to succeed or fail early to maximise the chances of success for all stakeholders in the innovation ecosystem
- Welcome and learning objectives
J. Calle Gordo
 - Complexity of design: how overengineering led to failure of the LOTUS valve
K. Dawkins
 - Discussion and audience interaction
 - Session evaluation and key learnings
J. Calle Gordo

09:20 - 10:05

THE EXCHANGE

Clinical Cases

Rapid-fire - TAVI in challenging anatomy*Session comprising selected PCR London Valves 2024 Clinical Cases submissions***Facilitators: R. Kapoor, A. Mcinerney**

- TAVI in troublesome anatomy: left ventricular outflow tract calcification, peripheral tortuosity and hostile aorta
V. O. Baris
- Discussion and audience interaction
- TAVR with Navitor in patient with challenging anatomy
P. Cervinka
- Discussion and audience interaction
- TAVI in extremely horizontal aorta
S. Pandey
- Discussion and audience interaction
- Kinky transsubclavian TAVI
A. Sorropago
- Discussion and audience interaction
- Crossing a heavily calcified aortic valve with extreme tortuosity of the abdominal aorta
L. Koliastasis
- Discussion and audience interaction
- Balloon assisted crossing for a challenging valve-in-valve TAVI - Balloon nudge technique
G. N. Sharma
- Discussion and audience interaction
- TAVR in heavily calcified artery disease - A rare alternative access
P. Montenegro
- Discussion and audience interaction

09:45 - 10:45

SIMULATION
LEARNING
ROOMAortic Simulation
Pathway
Simulation-based
Learning**Optimising TAVI outcomes: implementation of cusp overlap and commissural alignment with self-expanding devices - From imaging to procedural excellence***This session has been made possible thanks to the kind support of Abbott, Biosensors, Edwards Lifesciences, Medtronic, Mentice, Meril, Pie Medical Imaging and Simulands***Anchorperson: N. Buzzatti**
Facilitators: A. Beneduce, A. Khokhar
Media Driver: N. Azzola Guicciardi**Join us if you want:**

- To understand the importance of the cusp overlap technique and commissural alignment
- To know how to ensure cusp overlap and appreciate the general principles of commissural alignment
- To learn useful tips and tricks from high volume experienced operators

09:45 - 10:45

HANDS ON LAB

Innovation
Innovation / CV
Pipeline**Hands On innovation - A show and tell experience with cutting-edge devices for transcatheter valve intervention***Session comprising selected PCR London Valves 2024 innovation submissions***Facilitators: C. Allen, H. Jilaihawi****Join us if you want:**

- To see new structural intervention devices at an early stage of their development
 - To interact in person with early-stage start-up partners
 - To have hands on experience with innovative pre-CE mark technology
- A next-generation, low-profile TMVR system: first-in-human experience
T. Huffaker, T. McNatt
 - Development of a novel endo-aortic root and total arch stent graft replacement system
A. Quadri
 - The Vesalius transfemoral degenerative mitral regurgitation repair device: surgical repair with a catheter
P. Skarsgard
 - ValveGrip: balloon-assisted valve snaring for optimal TAVI outcomes
N. Elamin
 - GeminiOne M-TEER System
S. Kar

09:50 - 10:50

IMAGING SKILLS
LABImaging
Imaging-based
Learning

Hands-on mitral valve imaging

Facilitators: N. Ajmone Marsan, V. Delgado,
A. Duncan, J. Von Stein

Join us if you want:

- To learn how to guide a safe trans-septal puncture
 - To understand how to guide a successful mitral TEER procedure
 - To know how to quantify any residual mitral regurgitation and assess the valve gradient after mitral TEER
- Welcome and session objectives
V. Delgado
 - Safe trans-septal puncture
A. Duncan
 - Guiding mitral TEER procedure
N. Ajmone Marsan
 - Assessing the result - Residual regurgitation and valve gradient
V. Delgado
 - Session evaluation and key learnings
A. Duncan

10:05 - 10:50

MAIN ARENA

Tutorial



Early diagnosis and lifetime management of valvular heart disease: new tools and treatment paradigms

Partners in Learning - a PCR/CRF Collaboration

Anchorperson: F. Maisano**Spokesperson:** J. Schwartz**Discussants:** P. Genereux, M. Guerrero, R. Hudson, T. Pilgrim, A. Rück

Join us if you want:

- To appreciate how timely medical and interventional treatment improves the prognosis of patients with heart valve disease
 - To learn more about emerging technologies that will enable the early detection of progressive heart valve disease and direct optimal treatment and its timing
 - To understand how population screening, telemedicine and artificial intelligence will transform future clinical practice
- Welcome and session objectives
F. Maisano
 - Early intervention in aortic stenosis
P. Genereux
 - Population screening, telemedicine and online decision-making platforms will simplify diagnosis and clinical management
P. Elias
 - Discussion and audience interaction
 - Imaging, serum and digital biomarkers will predict the need for intervention
M. Dweck
 - Discussion and audience interaction
 - Artificial intelligence will optimise medical treatment and determine procedural timing and interventional strategy
A. Narang
 - Discussion and audience interaction
 - Session evaluation and key learnings
J. Schwartz

10:05 - 10:50

ROOM 3

Tutorial



Meet the masters: TAVI

Facilitator: B. Prendergast**Participants:** S. Redwood, D. Tchetché

Join us if you want:

- To join a lively, interactive and spontaneous session focussing on practical aspects of the TAVI procedure
- To meet with highly experienced TAVI operators who are eager to share their experience and provide tips and tricks that will enhance your daily clinical practice
- To learn more about case selection, procedural strategy and complication management

10:05 - 10:50

ROOM 4

Hot line / Late-Breaking Trials



Tricuspid Hotline

Session comprising selected PCR London Valves 2024 Late-Breaking Trials submissions

Facilitators: E. Donal, J. Mascherbauer
Discussants: R. Costa, J. Grapsa, L. Leroux, Y. Topilsky

- Transcatheter valve repair for tricuspid regurgitation: one-year results from a real-world registry
J. Hausleiter
- Discussion and audience interaction
- TTVR: TriCLASP study one-year results
J. Hausleiter
- Discussion and audience interaction
- Right heart remodeling following TriClip TEER: results from TRILUMINATE
N. Hamid
- Discussion and audience interaction
- Impact of pulmonary hypertension on outcome after transcatheter tricuspid valve edge-to-edge repair
L. Stolz
- Discussion and audience interaction
- One-year outcomes of transjugular approach TTVR LuX-Valve Plus in large anatomy patients
T. Modine
- Discussion and audience interaction

10:05 - 11:05

IMAGING
LEARNING LAB

Imaging
Imaging-based
Learning

Tips and tricks for mastering multimodality imaging using CT scans

Facilitators: J. Buithieu, A. Gackowski, N. Piazza, N. Wunderlich

Join us if you want:

- To learn how CT scans can be used as a foundation to learn echocardiography and fluoroscopy
- To acquire the skills on how to create and apply S-curves from CT scans to obtain optimal chamber views for various transcatheter heart valve interventions
- To grasp the necessary knowledge about how to integrate multimodality imaging into your daily practice

10:05 - 10:50

ROOM A

Nurses and Allied Professionals

Case-based
Discussion


Waiting lists - Let's keep our patients safe

Facilitators: L. Hinterbuchner, K. Wilson

Join us if you want:

- To learn how to improve the management and triage of patients on the waiting list for transcatheter valve interventions
- To know how to identify red flag symptoms and prioritise the treatment of deteriorating patients
- To compare the available resources in different healthcare settings
- Welcome and session objectives
L. Hinterbuchner
- Telephone assessment and red flag recognition
G. Beilby
- Technology assisted triage - Which system are you using?
K. Wilson
- Discussion and audience interaction
- Your patient is deteriorating - What next?
K. A. Opada
- Discussion and audience interaction
- Session evaluation and key learnings
K. Wilson

10:05 - 10:50

ROOM C

Abstracts

Featured Research - Mitral valve (Part 3)

Session comprising selected PCR London Valves 2024 Abstracts submissions

Facilitators: M. Chau, E. Grube

- Impact of transmitral pressure gradient after transcatheter edge-to-edge repair in dialysis patients
Y. Gonda
- Discussion and audience interaction
- Single center experience with the novel Innovalve transfemoral mitral valve replacement system
A. Mangieri
- Discussion and audience interaction
- Prognostic relevance of mitral regurgitation aetiology in the context of aortic stenosis flow groups
J. Steffen
- Discussion and audience interaction
- Temporal trends and outcomes of mitral valve TEER: REPAIR study
P. Von Stein
- Discussion and audience interaction
- Treatment of complex anatomies with mitral annular calcification and small left ventricular outflow tracts using Altavale
P. Sorajja
- Discussion and audience interaction

10:05 - 10:50



ROOM D

Clinical Cases

Featured Cases - Combined valve interventions (Part 2)

Session comprising selected PCR London Valves 2024 Clinical Cases submissions

Facilitator: T. Nestelberger

- Simultaneous M-TEER and TTVR
M. L. Novembre
- Discussion and audience interaction
- Transcatheter interventions for aortic and mitral prostheses dysfunction and tricuspid valve disease
I. Pisowodzka
- Discussion and audience interaction
- India's first double valve-in-valve (mitral and aortic) with MICRA TPS: 3 year follow up
R. Anantharaman
- Discussion and audience interaction
- Mitral and tricuspid: one stop shop
M. Montenegro
- Discussion and audience interaction
- The overlooked threat: aortic stenosis hidden by mitral stenosis in robotic valve surgery
A. Alshehri
- Discussion and audience interaction

10:05 - 10:50



ROOM F

Clinical Cases

Featured cases - TAVI in challenging annular anatomy

Session comprising selected PCR London Valves 2024 Clinical Cases submissions

Facilitators: M. Bunc, W. H. Yin

- TAVI with self-expanding valve in an extra small native aortic annulus
P. S. Simeoli
- Discussion and audience interaction
- How small is too small
M. Parekh
- Discussion and audience interaction
- When large is almost too large! TAVR in a patient with a very large aortic annulus
O. C. Raffel
- Discussion and audience interaction
- TAVR in young female patient with largest annulus area: case study of Myval THV in Slovakia
A. Farkas
- Discussion and audience interaction
- The challenge of navigating a severely dilated aortic root with a new generation TAVI valve
A. Elkammash
- Discussion and audience interaction

10:05 - 10:50



ROOM E

Abstracts

Featured Research - Mitral valve (Part 4)

Session comprising selected PCR London Valves 2024 Abstracts submissions

Facilitators: C. Barnes, S. C. C. Lam

- Tricuspid regurgitation improvement following TMVR
S. Ludwig
- Discussion and audience interaction
- First-in-human experience with the transseptal Saturn TMVR system in CASSINI-EU trial
P. Denti
- Discussion and audience interaction
- First report of transcatheter mitral valve edge-to-edge repair with the Pascal Precision system
T. Chakravarty
- Discussion and audience interaction
- Prognostic importance of Triscore post mitral edge-to-edge repair
P. Savvoulidis
- Discussion and audience interaction

10:10 - 10:55



ROOM B

Innovation
Innovation / CV Pipeline

Tales of structural heart innovation: happiness follows pain and sweat - Session 2

Facilitator: J. Calle Gordo

Discussants: D. Gottlieb, C. Meduri, D. Pinto, J. Sathananthan, F. St Goar

Join us if you want:

- To understand the how key funding decisions and partnerships made in the early stage in the project can lead to success or failure
 - To discuss drivers for success to secure funding in tough market conditions
 - To discuss the role of the board in securing continuity of funding throughout the life of the company until exit
- Welcome and learning objectives
J. Calle Gordo
 - Scarce resources, many roads: strategising funding during HighLife development
G. Bortlein
 - Discussion and audience interaction
 - Session evaluation and key learnings
J. Calle Gordo

10:10 - 10:55



THE EXCHANGE

Clinical Cases

Rapid-fire - TAVI-in-SAVR

Session comprising selected PCR London Valves
2024 Clinical Cases submissions

Facilitators: M. Chen, A. Neylon

- Transcatheter valve-in-valve TAVI within an expandable surgical bioprosthetic valve
P. Ackermann
- Discussion and audience interaction
- Protect the coronaries: valve-in-valve TAVR
D. Jagota
- Discussion and audience interaction
- Degenerated aortic valve prosthesis with severe regurgitation and low take off of both coronaries
A. Taleb
- Discussion and audience interaction
- Valve-in-valve (TAVI) for early aortic bioprosthetic valve failure: too early but not too late
F. Maia
- Discussion and audience interaction
- Self expandable valve in aortic ViV enhancing precision and outcomes
R. Kapoor
- Discussion and audience interaction
- TAVR in a degenerated: non-calcified stentless bioprosthesis with isolated aortic regurgitation
M. El Garhy
- Discussion and audience interaction

11:15 - 12:45



MAIN ARENA

LIVE Educational Case



Enhanced TAVI

Anchorperson: S. Redwood
Spokesperson: B. Prendergast
Operators: M. Adam, S. Baldus, L. Conradi
Procedural Analyst: T. Rogers
Imaging analyst: Y. Ohno
Discussants: R. Bhindi, M. Chen, R. Kornowski, H. Möllmann, A. Petronio, R. S. Rao
Medical Coordinator: A. Ghattas
Speaker: K. Hayashida

Join us if you want:

- To discuss the limitations of currently available TAVI devices
 - To appreciate the enhanced visualisation and positioning features of the latest generation transcatheter heart valves
 - To understand the potential clinical impact of these novel developments
- Welcome and session objectives
S. Redwood
 - Patient presentation
B. Prendergast
 - Imaging analysis
Y. Ohno
 - Heart team discussion
 - Operator strategy
S. Redwood
 - LIVE Case from University Hospital of Cologne - Cologne, Germany
 - Debriefing
 - Recorded Case "TAVI for a patient with an extremely small annulus" from Keio University – Tokyo, Japan
 - Debriefing
 - Key learnings
S. Redwood

11:15 - 12:45

ROOM 2 - THE FORUM

Case-based Discussion



Clinical management before and after transcatheter tricuspid valve intervention

With the collaboration of the PCR Tricuspid Focus Group

Facilitators: R. Estevez-Loureiro, F. Praz
Discussants: M. Adamo, N. Ajmone Marsan, V. Rudolph, M. Wild

Join us if you want:

- To understand the essential aspects of patient preparation for a transcatheter tricuspid valve intervention
 - To become more familiar with pathways for optimal medical management before, during and after tricuspid valve intervention
 - To learn how to treat specific post-procedural complications
- Welcome and session objectives
F. Praz
 - Case 1: clinical optimisation before the procedure
J. Dreyfus
 - Discussion and audience interaction
 - Case 2: HALT/thrombosis after transcatheter tricuspid valve replacement
F. Praz
 - Discussion and audience interaction
 - Anti-thrombotic management after tricuspid valve interventions
T. Geisler
 - Discussion and audience interaction
 - Case 3: conduction disturbance after tricuspid valve intervention
N. Fam
 - Discussion and audience interaction
 - Management of conduction disturbances after tricuspid valve interventions
A. Rinaldi
 - Discussion and audience interaction
 - Case 4: right ventricular failure following tricuspid valve intervention
V. Rudolph
 - Discussion and audience interaction
 - Session evaluation and key learnings
R. Estevez-Loureiro

11:15 - 12:45

ROOM 3

Case-based Discussion



TAVI in women - Recent trials and current understanding

Anchorperson: T. Rudolph
Spokesperson: D. Blackman
Discussants: H. Eltchaninoff, M. Garbi, M. Gilard, V. Kunadian

Join us if you want:

- To learn more about gender-based differences in the presentation and management of aortic stenosis
 - To reflect on the latest data concerning the outcomes of TAVI in women
 - To understand the specific aspects of procedural planning that are relevant to female patients
- Welcome and session objectives
T. Rudolph
 - Aortic stenosis – specific considerations in women
V. Kunadian
 - Discussion and audience interaction
 - Imaging in aortic stenosis – is the female heart different?
P. Pibarot
 - Discussion and audience interaction
 - SAVR or TAVR – what is best for female patients?
H. Treede
 - Discussion and audience interaction
 - TAVI - specific considerations in women
 - Discussion and audience interaction
 - Session evaluation and key learnings
D. Blackman



11:15 - 12:45



ROOM 4

Case-based
Discussion

Transcatheter mitral valve replacement - Are we there yet?

Anchorperson: N. Van Mieghem
Spokesperson: P. Lurz
Discussants: S. Bleiziffer, S. Lim, T. Modine, N. Wunderlich

Join us if you want:

- To understand when TEER is a sub-optimal strategy and TMVR should be considered
 - To learn more about current and emerging TMVR platforms
 - To enhance your pathways for TMVR screening and procedural planning (with particular reference to the risk of neo-LVOT obstruction)
- › Welcome and session objectives
N. Van Mieghem
 - › Key anatomical features that favour TMVR rather than TEER
J. Hausleiter
 - › Discussion and audience interaction
 - › Dedicated features that characterise different TMVR platforms
A. Latib
 - › Discussion and audience interaction
 - › TMVR planning with a focus on the neo-LVOT
O. De Backer
 - › Discussion and audience interaction
 - › Procedural techniques to prevent or treat neo-LVOT obstruction
D. Dvir
 - › Discussion and audience interaction
 - › Recorded Case
J. Granada
 - › Discussion and audience interaction
 - › Session evaluation and key learnings
P. Lurz

11:15 - 12:15

SIMULATION
LEARNING
ROOMTricuspid
Simulation
PathwaySimulation-based
Learning

Integration of anatomy and echocardiography for successful tricuspid transcatheter edge-to-edge repair

This session has been made possible thanks to the kind support of Abbott, Edwards Lifesciences, GE Healthcare, Medical Simulation Technologies, Siemens Healthineers, and Simulands

Anchorperson: P. Denti
Facilitators: U. Schaefer, M. Sitges
Media Driver: N. Azzola Guicciardi

Join us if you want:

- To acquire the basic anatomical knowledge required for tricuspid TEER
- To plan and perform transcatheter edge-to-edge repair techniques in different anatomical scenarios
- To understand how to apply imaging findings to tricuspid valve procedural manoeuvres

11:15 - 11:45



HANDS ON LAB

Aortic Simulation
PathwaySimulation-based
Learning

Safe vascular access and closure for TAVI procedures: best practice and tips and tricks

This session has been made possible thanks to the kind support of Abbott, GE Healthcare, Simulands, Teleflex and Terumo

Facilitators: N. Buzzatti, C. Cook
Physician Trainers: G. Ascione, A. Khokhar, M. Saccocci, A. Sticchi, M. Taramasso

Join us if you want:

- To practice ultrasound-guided femoral puncture using simulator technology
- To become more familiar with different closure devices and their application
- To learn useful tips and tricks from high volume experienced operators

11:15 - 12:45

IMAGING
LEARNING LAB

Imaging

Imaging-based
Learning

Imaging for transcatheter mitral interventions - How to combine echocardiography, CT and fluoroscopy

Facilitators: A. Gackowski, E. Ho, N. Piazza

Join us if you want:

- To learn how to integrate echocardiography, CT and fluoroscopy into your daily practice
- To understand which chamber views are optimal to perform transcatheter mitral valve interventions
- To learn how to interpret fluoroscopic and echocardiographic images for catheter movements during transcatheter mitral valve interventions

11:15 - 12:15

IMAGING SKILLS
LAB

Imaging

Imaging-based
Learning

Hands-on mitral valve imaging

Facilitators: V. Delgado, A. Duncan, J. Von Stein

Join us if you want:

- To learn how to guide a safe and successful mitral TEER procedure
- To understand how to assess anatomical suitability for transcatheter mitral valve replacement

- › Welcome and session objectives
A. Duncan
- › Imaging in TEER
V. Delgado
- › Imaging in TMVR
A. Duncan
- › Session evaluation and key learnings
V. Delgado

11:15 - 12:45

ROOM A

Nurses and Allied
ProfessionalsCase-based
Discussion

Prevention, recognition and effective complication management during transcatheter valve interventions

Facilitator: S. Carson**Join us if you want:**

- To understand how to anticipate and prepare for likely complications of valve interventions
 - To know how to react and work as a team when things go wrong
 - To translate this knowledge into your everyday clinical practice
- Welcome and session objectives
S. Carson
 - Anticipating possible complications – think ahead and train accordingly
C. Grima
 - Discussion and audience interaction
 - Case 1 - TAVI complication
K. Wilson
 - Discussion and audience interaction
 - Case 2 - TAVI complication
J. Steele
 - Discussion and audience interaction
 - Case 3 - Mitral complication
M. Longoni
 - Discussion and audience interaction
 - Session evaluation and key learnings
S. Carson

11:15 - 12:00

ROOM B

Innovation

Innovation / CV
Pipeline

Mind the gap! - What's missing in the field of transcatheter aortic valve interventions

Facilitator: T. Kaneko**Discussants: A. Abbas, M. Abdel-Wahab, J. Cavalcante, P. Genereux, C. Meduri****Join us if you want:**

- To identify strategies for optimising hemodynamics, durability, flow, and frame expansion post-TAVI
 - To review current knowledge and emerging strategies to improve hemodynamic performance, device durability, and flow dynamics after TAVI
 - To discuss the implications of frame expansion on procedural outcomes and long-term valve function
- Welcome and learning objectives
T. Kaneko (Pending confirmation)
 - Beyond maturity: uncovering the hidden gaps in TAVI
D. Tchetché
 - Discussion and audience interaction
 - Session evaluation and key learnings
T. Kaneko (Pending confirmation)

11:15 - 12:45

ROOM C

Clinical Cases

Featured Cases - TAVI-in-TAVI (Part 2)

Session comprising selected PCR London Valves
2024 Clinical Cases submissions**Facilitators: A. Chieffo, F. De Brito Jr**

- Redo TAVI for symptomatic paravalvular leak
P. Krishnamoorthy
- Discussion and audience interaction
- TAVI-in-TAVI: catastrophe saved
P. Varma
- Discussion and audience interaction
- TAVI-in-TAVI with high-risk for coronary obstruction: when BASILICA is not enough
H. Dreger
- Discussion and audience interaction
- Two chimneys 12 years apart: preventing repeat coronary obstruction during redo-TAVI
H. Dreger
- Discussion and audience interaction
- A challenging case of transcatheter aortic valve-in-valve-in-valve
A. Patel
- Discussion and audience interaction
- TAVI-in-TAVI in surgical AVR in a patient with a non-crackable bioprosthesis and patient prosthesis mismatch
G. Payró
- Discussion and audience interaction
- TAVR-in-TAVR-in-SAVR with high risk for coronary obstruction
A. Alharbi
- Discussion and audience interaction
- TAVI-in-TAVI: please take your time
S. Grotti
- Discussion and audience interaction
- No-contrast transaxillary balloon expandable TAVR-in-TAVR in a self-expandable prosthesis: a lost arch
A. Messina
- Discussion and audience interaction
- In a re-do, use your coronary cards right
A. Abdelhafez
- Discussion and audience interaction

11:15 - 12:45



ROOM D

Clinical Cases

Featured Cases - TAVI nightmares (Part 2)

Session comprising selected PCR London Valves 2024 Clinical Cases submissions

Facilitators: O. Goktekin, M. Yamamoto

- Balloon rupture complication during TAVI procedure solved by a complete endovascular solution
- Discussion and audience interaction
- Interventional management of sinotubular aortic rupture after TAVR
V. O. Vij
- Discussion and audience interaction
- Coronary protection strategy in high-risk coronary obstruction during TAVI
J. G. Paredes-Vazquez
- Discussion and audience interaction
- TAVI in cardiogenic shock: infolding of self-expandable valves
S. Athisakul
- Discussion and audience interaction
- Severely calcified aortic leaflet results in morbid TAVI malexpansion
G. Latsios
- Discussion and audience interaction
- Dynamic outflow obstruction and severe mitral regurgitation after TAVI: cutting the Gordian knot
K. Stathogiannis
- Discussion and audience interaction
- When the going gets tough: managing a suicide left ventricle after TAVR
A. Panza
- Discussion and audience interaction
- A rare complication during TAVR impure aortic regurgitation with a dedicated device
Y. Feng
- Discussion and audience interaction
- Double trouble: concomitant aortic stenosis and aortic coarctation
Z. Zhao
- Discussion and audience interaction
- Complex valve-in-valve TAVI: the way along a via ferrata
S. Grotti
- Discussion and audience interaction

11:15 - 12:45



ROOM E

Clinical Cases

Featured cases - TAVI coronary protection strategies (Part 2)

Session comprising selected PCR London Valves 2024 Clinical Cases submissions

Facilitators: D. Muir, M. Traina

- "Crack unicorn" : more obstacles can make the pathway more satisfying
A. Ruberti
- Discussion and audience interaction
- Hope for the best..prepare for the worst
A. Khurana
- Discussion and audience interaction
- An "unexpected" complication during a valve-in-valve Basilica procedure
A. Ruberti
- Discussion and audience interaction
- Degenerated sutureless bioprosthesis with high risk of coronary obstruction: is TAVI feasible?
C. Fernandez Cordon
- Discussion and audience interaction
- Lacerate and macerate: the Basilica-Unicorn combo for bileaflet modification
J. Fang
- Discussion and audience interaction
- Valve-in-valve TAVI in a failed bioprosthetic sutureless valve
K. Kalogeras
- Discussion and audience interaction
- Innovative PCI strategy for managing acute left main occlusion post-TAVI
K. Almerri
- Discussion and audience interaction
- Aortic valve-in-valve for a failed Perceval valve with risk of left main coronary artery occlusion
A. Alenezi
- Discussion and audience interaction

11:15 - 12:45



ROOM F

Clinical Cases

Featured cases - Transcatheter interventions in cardiogenic shock

Session comprising selected PCR London Valves 2024 Clinical Cases submissions

Facilitators: P. Chiam, F. Saia

- Flexible nitinol clip repair for ischaemic mitral regurgitation on microaxial left-ventricular assist
C. Klein
- Discussion and audience interaction
- Post-AVR shock - Kindly remove this mitral leaflet out of my left ventricular outflow tract, would you?
N. Flint
- Discussion and audience interaction
- Emergency TAVI following salvage BAV for aortic stenosis and SCAI D shock under TOE guidance
K. Konstantinou
- Discussion and audience interaction
- Urgent TAVR complicated by cardiopulmonary arrest
F. Shawl
- Discussion and audience interaction
- Urgent TAVI for acute heart failure and ventricular arrhythmias in a patient with severe aortic stenosis
V. Bouratzis
- Discussion and audience interaction
- "It takes two" to treat advanced heart failure
S. Soulaïdopoulos
- Discussion and audience interaction
- Emergency TAVI for early and acute failure of sutureless pericardial aortic valve
N. Bouhzam
- Discussion and audience interaction
- A case report of TAVR with ECMO support
W. Ni
- Discussion and audience interaction
- TAVR as "bridge-to-decision" strategy in acute heart failure and pure aortic regurgitation
M. Russo
- Discussion and audience interaction

11:15 - 12:00



THE EXCHANGE

Clinical Cases

Rapid-Fire - Tricuspid TEER

Session comprising selected PCR London Valves 2024 Clinical Cases submissions

Facilitators: A. Sannino, M. Urena

- Cardiogenic shock after T-TEER
J. Vogelhuber
- Discussion and audience interaction
- Transcatheter clover repair for functional tricuspid regurgitation
A. Sorropago
- Discussion and audience interaction
- Single leaflet device attachment induced ventricular tachycardia
S. Arri
- Discussion and audience interaction
- Radius alignment technique in tricuspidvalve TEER: indirect annuloplasty for sustainable result
B. Salloum
- Discussion and audience interaction
- Bailout for single leaflet device attachment: second time's the charm
J. C. Echarte Morales
- Discussion and audience interaction
- It's a bad bridge that is narrower than the stream? A case of increased transvalvular gradients after T-TEER
L. Ziegler
- Discussion and audience interaction

11:55 - 12:25



HANDS ON LAB

Aortic Simulation
Pathway

Simulation-based
Learning

Safe vascular access and closure for TAVI procedures: best practice and tips and tricks

This session has been made possible thanks to the kind support of Abbott, GE Healthcare, Simulands, Teleflex and Terumo

Facilitators: N. Buzzatti, C. Cook
Physician Trainers: G. Ascione, A. Khokhar, M. Saccucci, A. Sticchi, M. Taramasso

Join us if you want:

- To practice ultrasound-guided femoral puncture using simulator technology
- To become more familiar with different closure devices and their application
- To learn useful tips and tricks from high volume experienced operators

12:05 - 12:50



ROOM B

Innovation
Innovation / CV
Pipeline

Mind the gap! - What's missing in the field of transcatheter valve interventions

Facilitator: A. Asgar

Discussants: V. Bapat, S. Kar, C. Meduri, M. Settergren, F. St Goar (Pending confirmation)

Join us if you want:

- To evaluate the key requirements for broadly adopting TMVR
- To examine the challenges of left ventricular outflow tract obstruction in MVR
- To identify and assess the additional tools needed for effective mitral valve repair

- Welcome and learning objectives
A. Asgar
- Beyond reach: where is the toolbox for TMVI
F. Maisano
- Discussion and audience interaction
- Session evaluation and key learnings
A. Asgar

12:05 - 12:50



THE EXCHANGE

Clinical Cases

Rapid-Fire - Rare and unusual (Part 2)

Session comprising selected PCR London Valves 2024 Clinical Cases submissions

Facilitators: V. Esteves, J. Mascherbauer

- Edge-to-edge strategy failure: is there an option?
M. Mon Noboa
- Discussion and audience interaction
- A complex case of LAA occlusion - Can we close them all?
D. Jagota
- Discussion and audience interaction
- Large aortic pseudoaneurysm complicating recent aortic surgery for endocarditis
R. Nerla
- Discussion and audience interaction
- Tricking away liver transplantation with bicaval valves system
S. Garg
- Discussion and audience interaction
- Heterotopic TTVI with a minimalistic approach
L. Avendaño-Perez
- Discussion and audience interaction
- Ghost thrombus on LAA - Stop or go ahead on closure it?
T. Furquim
- Discussion and audience interaction
- The right time for septostomy: a case of valve in mitral annulus calcification
M. Strosio
- Discussion and audience interaction

12:35 - 13:05



HANDS ON LAB

Aortic Simulation
PathwaySimulation-based
Learning

Safe vascular access and closure for TAVI procedures: best practice and tips and tricks

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Physician Trainers: G. Ascione, A. Khokhar, M. Saccocci, A. Sticchi, M. Taramasso

Join us if you want:

- To practice ultrasound-guided femoral puncture using simulator technology
- To become more familiar with different closure devices and their application
- To learn useful tips and tricks from high volume experienced operators

12:50 - 13:10

THE EXCHANGE

Case-based
Discussion

LIVE Case REWIND - An in-depth discussion, replay and review

Facilitators: T. Cahill, B. Prendergast

Participants: R. Bhindi (Pending confirmation), S. Redwood (Pending confirmation), T. Rogers

12:55 - 13:30

ROOM B

Hot line / Late-
Breaking Trials

Meet the Trialists

Facilitators: A. Abizaid, D. Blackman, N. Van Mieghem

Speakers: P. Freeman, R. Hahn, D. Hou, S. C. C. Lam, P. Lurz, R. Makkar, H. Nissen, C. J. Terkelsen, C. J. Terkelsen

13:30 - 15:00

MAIN ARENA

Symposium with
LIVE case


A window into the future - Expanding horizons for patients with long life expectancy with the Evolut FX + TAVI system

See session details in the Sponsored
Programme section at the end of this
document.

13:30 - 14:40

ROOM 2 - THE
FORUM

Symposium



Tailoring tricuspid interventions with the EVOQUE and PASCAL Precision systems

See session details in the Sponsored
Programme section at the end of this
document.

13:30 - 14:15

ROOM 3

Symposium



Cinch it if you can - Indirect annuloplasty for functional mitral regurgitation

See session details in the Sponsored
Programme section at the end of this
document.

13:30 - 15:00

ROOM 4

Symposium with
Recorded case


Align for the future with Myval THV series - From randomised trials to everyday clinical practice

See session details in the Sponsored
Programme section at the end of this
document.

13:30 - 14:30

SIMULATION
LEARNING
ROOM

Simulation-based
Symposium


From index procedure to re- valving with a novel self- expanding valve

See session details in the Sponsored
Programme section at the end of this
document.

14:20 - 15:05

ROOM 3

Imaging
Symposium


Mastering structural heart intervention with innovations in imaging

See session details in the Sponsored
Programme section at the end of this
document.

15:10 - 16:10



MAIN ARENA

LIVE Educational
Case

New technologies for transcatheter valve intervention

Anchorperson: A. Latib
Spokesperson: N. Karam
Procedural Analyst: J. Khan
Discussants: V. Esteves, M. Joner, S. C. C. Lam, L. Leroux, S. Lim, S. Worthley
Speakers: V. Bapat, R. Estevez-Loureiro, G. Martucci (Pending confirmation), N. Piazza

Join us if you want:

- To appreciate the limitations of currently available transcatheter valve procedures, particularly in challenging anatomical situations
 - To get a glimpse of emerging innovations in this field
 - To understand the imaging modalities that are available to guide transcatheter mitral and tricuspid replacement procedures
- Welcome and session objectives
A. Latib
 - Patient presentation
G. Martucci (Pending confirmation)
 - Heart team discussion
 - Recorded Case "Transcatheter replacement for mitral regurgitation" from McGill University Health Centre – Montréal, Canada
 - Debriefing
 - Patient presentation
R. Estevez-Loureiro
 - Heart team discussion
 - Recorded Case "Transcatheter tricuspid valve replacement" from Hospital Álvaro Cunqueiro - Vigo, Spain
 - Debriefing
 - Transition to Recorded Case
 - Case by Prof. Vinayak Bapat
V. Bapat
 - Session evaluation and key learnings
A. Latib

15:10 - 16:10

ROOM 2 - THE
FORUM

Tutorial



Patient-driven strategies to improve women's experience of heart valve disease: better partnerships for better outcomes

In collaboration with Global Heart Hub and Heart Valve Voice UK

Anchorperson: M. Coylewright
Spokesperson: S. Lauck
Facilitators: M. Coylewright, S. Lauck, J. Lewis
Discussants: S. Bleiziffer, H. Eltchaninoff, J. Lewis, E. Ross

Join us if you want:

- To gain unique insights on the perspectives of women with heart valve disease
 - To explore patient-centred strategies to strengthen the Heart Team approach and improve women's outcomes and experiences
 - To consolidate your ability to integrate shared decision-making into your daily clinical practice
- Welcome and session objectives
M. Coylewright, S. Lauck (Pending confirmation), J. Lewis
 - Living with heart valve disease: a patient's reflections on detection, treatment and lifelong management
M. Coylewright, J. Lewis
 - The latest evidence on women and HVD
S. Bleiziffer, H. Eltchaninoff
 - Better conversations for better outcomes: sharpening the skillset for shared decision-making
M. Coylewright
 - Paving the way: a roadmap to the successful implementation of SDM in HVD
E. Ross
 - Call to action to improve women's outcomes and experiences
 - Session evaluation and key learnings
S. Lauck

15:10 - 16:10

ROOM 3

Case-based
Discussion**TAVI for aortic regurgitation**

Anchorperson: A. Baumbach
Spokesperson: T. Rudolph
Discussants: D. Blackman, D. Hou, G. Tarantini, N. Van Mieghem

Join us if you want:

- To learn more about the diagnosis and treatment of patients with aortic regurgitation
 - To discuss current approaches to transcatheter intervention in pure aortic regurgitation
 - To hear about new TAVI systems dedicated to the treatment of non-calcific aortic valve disease
- › Welcome and session objectives
A. Baumbach
 - › A patient with pure aortic regurgitation
H. Hurrell
 - › When should we consider transcatheter treatment of aortic regurgitation?
T. Treibel
 - › Outcomes with established transcatheter heart valves
L. Testa
 - › New dedicated transcatheter technologies
R. Makkar
 - › Clinical experience and evidence to date
O. De Backer
 - › Discussion and audience interaction
 - › Session evaluation and key learnings
T. Rudolph

15:10 - 16:10

ROOM 4

Innovation
Innovation / CV
Pipeline**Turning your idea into a market-ready device - Innovating Medtech**

Facilitators: C. Meduri, T. Modine
Discussants: Y. Binur, K. Dawkins, N. Nikitin, J. Seguin

Join us if you want:

- To outline the full path from clinical need to market-ready device
 - To identify barriers and opportunities for efficient development
 - To enable parallel path development for faster progress
- › Welcome and session objectives
C. Meduri
 - › Spotting opportunities: identifying the needs that drive innovation
F. St Goar
 - › Protecting your idea: navigating the complex waters of intellectual property
N. Pisano
 - › My journey as an innovator: the story behind developing CardiAQ
A. Quadri
 - › From innovation to implementation - How to get ready for first-in-human?
C. Wu
 - › Funding early stage innovation in changing world
Y. Binur
 - › From concept to capital - Securing success
J. Calle Gordo
 - › Discussion and audience interaction
 - › Session evaluation and key learnings
T. Modine

15:10 - 16:10

SIMULATION
LEARNING
ROOMMitral Simulation
Pathway
Imaging
Simulation-based
Learning**Tips and tricks for mitral transcatheter edge-to-edge repair: anatomy and imaging**

This session has been made possible thanks to the kind support of Abbott, Edwards Lifesciences, Philips, and Simulands

Anchorperson: C. Godino
Facilitators: M. Adamo, M. Sitges, M. Taramasso
Media Driver: A. Faggi

Join us if you want:

- To obtain a deeper knowledge of mitral valve anatomy to guide precise procedural execution
- To understand the imaging standards that guide an accurate and effective mitral TEER procedure
- To become familiar with the materials, techniques, and step-by-step manoeuvres to ensure a successful mitral TEER outcome

15:10 - 15:40



HANDS ON LAB

Tricuspid
Simulation
PathwaySimulation-based
Learning

Anatomy of the tricuspid valve: what does the interventionist need to know?

This session has been made possible thanks to the kind support of Abbott, Edwards Lifesciences, Philips, Siemens Healthineers and Simulands

Facilitator: P. Denti

Physician Trainers: N. Azzola Guicciardi, N. Buzzatti, F. Gramegna, G. Russo, M. Saccocci, M. Shuvy, A. P. Tagliari

Join us if you want:

- To understand the anatomical landmarks of the tricuspid valve and right heart
- To appreciate how tricuspid valve devices may interact with native right heart anatomy
- To discuss the challenges that may arise during tricuspid TEER procedures with peers and experienced colleagues

15:10 - 16:10

IMAGING
LEARNING LAB

Imaging

Imaging-based
Learning

Learning from experience - TOE for transcatheter mitral interventions

Facilitators: V. Delgado, A. Duncan, A. Gackowski

Join us if you want:

- To learn how to optimise transesophageal echocardiography for procedural guidance of transcatheter mitral edge-to-edge repair
- To learn how to optimise transesophageal echocardiography for procedural guidance of transcatheter mitral valve replacement

15:10 - 16:10

IMAGING SKILLS
LAB

Imaging

Imaging-based
Learning

Tricuspid imaging session

Facilitators: N. Ajmone Marsan, M. Swaans, J. Von Stein, L. Weckbach, N. Wunderlich

Join us if you want:

- To know how to evaluate a patient with device-related tricuspid regurgitation and determine their suitability for TEER
 - To learn how to select a patient for direct tricuspid annuloplasty and guide the procedure safely and effectively
 - To understand why a palliative procedure such as caval implantation is most appropriate for some patients
- Welcome and session objectives
M. Swaans
 - Device-related tricuspid regurgitation - How do I determine if TEER is possible and plan the procedural strategy?
N. Wunderlich
 - Direct tricuspid annuloplasty – Echocardiographic evaluation and guidance for a safe and effective procedure?
N. Ajmone Marsan, N. Wunderlich
 - I have planned caval implantation for this patient with severe tricuspid regurgitation - And this is why
M. Swaans
 - Session evaluation and key learnings
N. Wunderlich

15:10 - 16:10

ROOM A

Nurses and Allied
ProfessionalsCase-based
Discussion

Optimising post treatment care

Facilitators: F. Kelly, K. Wilson

Join us if you want:

- To discuss key topics that promote patient self-care and reduce re-admission following transcatheter valve interventions
 - To know more about the aetiology, prevention and management of post-procedural delirium
 - To appreciate the importance of early mobilisation
- Welcome and session objectives
F. Kelly
 - Prevention and identification of delirium
F. Kelly
 - Discussion and audience interaction
 - Endocarditis prevention
S. Bennett
 - Discussion and audience interaction
 - Early mobilisation
G. Mccalmont
 - Discussion and audience interaction
 - Advice at the time of discharge
V. Rodriguez-Garciaabad
 - Discussion and audience interaction
 - Session evaluation and key learnings
K. Wilson

15:10 - 16:10

ROOM B

Clinical Cases

Featured Cases - TAVI and co-existent coronary artery disease

Session comprising selected PCR London Valves 2024 Clinical Cases submissions

Facilitators: P. Chiam, C. Zukowski

- Which one comes first?
TAVI/PCI/mechanical circulatory support: a case of severe aortic stenosis presented with ACS and cardiogenic shock
T. H. Chan
- Discussion and audience interaction
- Lifetime management of CAD and severe aortic stenosis
A. Ricchiuto
- Discussion and audience interaction
- TAVI with balloon expandable valve and commissural alignment in a patient with small aortic annulus
G. Morais
- Discussion and audience interaction
- Microaxial flow pump-assisted high-risk PCI before TAVI
S. Massaro
- Discussion and audience interaction
- TAVI in a cardiogenic shock pretreated with BAV and PCI with Impella
D. Zemanek
- Discussion and audience interaction
- TAVI and staged PCI in severe aortic valve regurgitation and coronaropathy: a case report
P. Olivares
- Discussion and audience interaction

15:10 - 16:10

ROOM C

Abstracts

Featured Research - Aortic valve (Part 7)

Session comprising selected PCR London Valves 2024 Abstracts submissions

Facilitators: M. Assafin, R. Eduardo Gomes Sarmiento Leite

- TAVI for small annuli: a United Kingdom single-centre study
B. McDonough
- Discussion and audience interaction
- Current perspectives of prosthesis-patient mismatch: insights from a single-centre registry
F. Pensotti
- Discussion and audience interaction
- The assessment of coronary blood flow before and after treatment of severe aortic stenosis with TAVI
A. Aziz
- Discussion and audience interaction
- We tested a novel CT-guided algorithm for TAVI sizing and placement in patients with severe bicuspid aortic stenosis
D. Fraser
- Discussion and audience interaction
- Outcomes after valve-in-valve TAVI
K. Steblovnik
- Discussion and audience interaction
- Management of haemolytic anaemia after a TAVR
C. Witzke
- Discussion and audience interaction

15:10 - 16:10



ROOM D

Clinical Cases

Featured Cases - Congenital heart disease and younger patients

Session comprising selected PCR London Valves 2024 Clinical Cases submissions

Facilitators: C. Barnes, E. Heng

- Pushing boundaries: TEER for common aortic valve in complex congenital heart disease
E. Arias
- Discussion and audience interaction
- Mind the gap in TAVR - Recognising misloaded self-expanding valve and bioprosthetic remodeling
L. Areiza
- Discussion and audience interaction
- Edge-to-edge repair in Fontan patient
M. Daghem
- Discussion and audience interaction
- Transcatheter double valve-in-valve replacement: in right heart disease
L. Avendaño-Perez
- Discussion and audience interaction
- Percutaneous treatment of mitral leaflet perforation in a patient with incomplete Shone complex
F. Pasin
- Discussion and audience interaction
- Balloon expandable TAVR in a young patient with large aortic annulus and renal impairment
R. R. Hernandez Caballero
- Discussion and audience interaction

15:10 - 16:10



ROOM E

Abstracts

Featured Research - Aortic valve (Part 8)

Session comprising selected PCR London Valves 2024 Abstracts submissions

Facilitators: R. Kharbanda, P. Theriault-Lauzier

- Artificial intelligence-based predictive modeling for TAVR valve selection
A. Vaid
- Discussion and audience interaction
- Early outcomes of TAVR in bicuspid aortic valve with small annulus - A comparative analysis
A. Mani
- Discussion and audience interaction
- Incidence and prognosis of prosthesis-patient mismatch after TAVR for bicuspid aortic stenosis
F. Yamanaka
- Discussion and audience interaction
- Effect of TAVI on epicardial and microvascular functional indices
E. Gallinoro
- Discussion and audience interaction
- Impaired biventricular strain in significant AS and high probability of PH: insights from CT imaging
V. Androshchuk
- Discussion and audience interaction
- The prognostic effect of contractile reserve in patients with left ventricle dysfunction post-TAVI
Y. Talmor-Barkan
- Discussion and audience interaction
- Role of myocardium jeopardised extent in transcatheter aortic valve intervention
C. Aurigemma
- Discussion and audience interaction

15:10 - 16:10

ROOM F

Clinical Cases

Featured cases - New TMVR devices*Session comprising selected PCR London Valves 2024 Clinical Cases submissions***Facilitators: M. Chau, E. Grube**

- TMVR of a combined valvulopathy with severe mitral regurgitation and moderate stenosis
J. Vogelhuber
- Discussion and audience interaction
- Explore FRM: early feasibility experience of posterior leaflet replacement to reduce functional MR
U. Schaefer
- Discussion and audience interaction
- Half moon posterior leaflet augmentation: EFS case
M. Ng
- Discussion and audience interaction
- Fully percutaneous fusion-guided TMVR
C. Guerreiro
- Discussion and audience interaction
- Treatment of severe mitral annular calcification with atrially-fixated Altavalue
V. Ninios
- Discussion and audience interaction

15:10 - 16:10

THE EXCHANGE

Clinical Cases

Rapid-Fire - TAVI Complications (Part 2)*Session comprising selected PCR London Valves 2024 Clinical Cases submissions***Facilitators: J. Joseph, E. Van Belle**

- Anaemia drugs caused thrombosis leading to transcatheter aortic valve dysfunction
A. Ikuta
- Discussion and audience interaction
- Calm after the storm
N. L. Mahalingam
- Discussion and audience interaction
- My best of the worst
- Discussion and audience interaction
- Balloon expandable TAVI arrest due to acute aortic regurgitation balloon tricks save the day
- Discussion and audience interaction
- Why is it good to have a safety net? Vascular complication bailout through posterior tibial artery
B. Rymuza
- Discussion and audience interaction
- Snare to the rescue - Interesting case of TAVR
S. Narasimhan
- Discussion and audience interaction
- Misalignment between the balloon and the Sapien 3 valve of the certitude catheter during deployment
N. Bouhzam
- Discussion and audience interaction

15:45 - 16:15

HANDS ON LAB

Tricuspid
Simulation
PathwaySimulation-based
Learning**Anatomy of the tricuspid valve: what does the interventionist need to know?***This session has been made possible thanks to the kind support of Abbott, Edwards Lifesciences, Philips, Siemens Healthineers and Simulands***Facilitator: P. Denti****Physician Trainers: N. Azzola Guicciardi, N. Buzzatti, F. Gramegna, G. Russo, M. Saccocci, M. Shuvy, A. P. Tagliari****Join us if you want:**

- To understand the anatomical landmarks of the tricuspid valve and right heart
- To appreciate how tricuspid valve devices may interact with native right heart anatomy
- To discuss the challenges that may arise during tricuspid TEER procedures with peers and experienced colleagues

16:25 - 17:25

MAIN ARENA

Ceremony

**The Top Clinical Cases****Anchorperson: A. Seth****Spokesperson: D. Hildick-Smith****Discussants: F. De Brito Jr, S. Kar, L. Leroux, H. Möllmann, M. Yamamoto, K. K. Yeo**

- Welcome and session objectives
A. Seth
- Mitral annulus cavity and regurgitation post-healed endocarditis managed with a transcatheter approach
A. Maznyczka
- Discussion and audience interaction
- Balloon-assisted translocation of anterior mitral leaflet to facilitate native mitral replacement
V. Ninios
- Discussion and audience interaction
- Transcatheter tricuspid valve edge-to-edge repair with Pascal Device in a patient with dextrocardia
T. Chakravarty
- Discussion and audience interaction
- SAPIEN 3 Tendyne low profile
T. V. Attumalil
- Discussion and audience interaction
- Presentation of awards
D. Hildick-Smith

16:25 - 17:25



ROOM 2 - THE FORUM

Case-based Discussion



Tricuspid TEER - Advanced skills

With the collaboration of the PCR Tricuspid Focus Group

Facilitators: A. Asgar, S. Dawkins, N. Schofer
Discussants: J. Dreyfus, R. Hahn
Evaluators: Y. Ohno, T. Walther
Participants: M. I. Koerber, A. Rück

Join us if you want:

- To learn how to recognise and manage common anatomical challenges that are commonly encountered during tricuspid TEER procedures
- To gain proficiency in advanced imaging techniques (including intra-cardiac echocardiography) that enhance the likelihood of procedural success
- To develop strategies for the management of complex cases, including procedural decision-making and technical tips and tricks

- Welcome and session objectives
S. Dawkins
- Case presentation 1
N. Schofer
- Case presentation 2
A. Asgar
- Session evaluation and key learnings
S. Dawkins

16:25 - 17:25



ROOM 3

Case-based Discussion



Minimally invasive mitral valve surgery - Staying ahead of the game

Anchorperson: H. Treede
Spokesperson: J. Byrne
Discussants: D. S. Dohle, R. Hegeman, G. Lucchese, B. Rana

Join us if you want:

- To learn more about minimally invasive surgical treatment options for aortic, mitral and tricuspid valve disease
- To understand how the pathophysiology of mitral and tricuspid regurgitation influences surgical repair techniques
- To appreciate the pros and cons of interventional and surgical treatment for bicuspid aortic stenosis (with and without associated aortopathy)

- Welcome and session objectives
H. Treede
- Case 1: a patient with degenerative mitral and tricuspid valve disease
R. Hegeman
- Heart Team Discussion
- Minimally invasive mitral and tricuspid valve repair
H. Treede
- Discussion and audience interaction
- Case 2: a patient with bicuspid aortic valve stenosis and a mildly dilated ascending aorta
R. Hegeman
- Heart Team Discussion
- Minimally invasive SAVR and aortic root replacement
D. S. Dohle
- Discussion and audience interaction
- Session evaluation and key learnings
J. Byrne

16:25 - 17:25

ROOM 4

Innovation
Innovation / CV
Pipeline**Parading progress in transcatheter valve interventions****Anchorperson: A. Latib**
Spokesperson: N. Piazza
Discussants: J. Calle Gordo, K. Poon, M. Settergren, F. St Goar**Join us if you want:**

- To know more about new structural intervention devices that are still at an early stage of their development
 - To interact with early-stage start-up partners
 - To get a glimpse into the future of innovative (pre-CE mark) technology
- Welcome and learning objectives
A. Latib
 - Mitral butterfly: the next-gen hemi-valve mitral repair device
W. Mohl
 - Discussion and audience interaction
 - The Vesalius transfemoral degenerative mitral regurgitation repair device: surgical repair with a catheter
P. Skarsgard
 - Discussion and audience interaction
 - A novel TTVR system: a multicentre first-in-human experience
N. Fam
 - Discussion and audience interaction
 - A next-generation, low-profile TMVR system: first-in-human experience
A. Latib
 - Discussion and audience interaction
 - Session evaluation and key learnings
N. Piazza

16:25 - 16:55

HANDS ON LAB

Mitral Simulation
Pathway
Simulation-based
Learning**Transseptal puncture and left atrial navigation for mitral and LAO procedures***This session has been made possible thanks to the kind support of Abbott and Simulands***Facilitator: C. Godino**
Physician Trainers: N. Buzzatti, C. Cook, C. Gaspardone, F. Gramegna, M. Saccocci, M. Shuvy, A. P. Tagliari**Join us if you want:**

- To understand the importance of accurate transseptal puncture for specific devices and procedures
- To know the basic manoeuvres required for safe and successful left atrial navigation
- To master the technique of transseptal puncture using simulation based training models

16:25 - 17:25

IMAGING
LEARNING LABImaging
Imaging-based
Learning**Cardiac magnetic resonance in patients with aortic valve disease****Facilitators: J. Cavalcante, T. Treibel****Join us if you want:**

- To learn when to request a cardiac magnetic resonance scan for patients with aortic stenosis or regurgitation
- To grasp the principles behind the use of cardiac MRI for pre-procedural TAVI planning
- To understand the advantages and limitations of cardiac MRI over other imaging modalities

16:25 - 17:25

SIMULATION
LEARNING
ROOMSimulation-based
Learning**Surgical removal of transcatheter devices***This session has been made possible thanks to the kind support of Abbott, Boston Scientific, Edwards Lifesciences, Medtronic, Meril and Simulands***Anchorperson: F. Maisano**
Facilitators: A. Beneduce, P. Myers, M. Taramasso
Media Driver: N. Azzola Guicciardi
Participants: A. Faggi, G. Gallio**Join us if you want:**

- To understand how to explant a TAVI device safely prior to surgical aortic valve replacement
- To appreciate the surgical options for management of a patient following failed mitral or tricuspid TEER (including valve repair with or without device removal)
- To share your experience and contribute to educational initiatives that will further improve Heart Team collaboration

16:25 - 17:25

IMAGING SKILLS
LABImaging
Imaging-based
Learning**Tricuspid imaging session****Facilitators: N. Ajmone Marsan, M. Swaans, L. Weckbach, N. Wunderlich****Join us if you want:**

- To understand the principles of preparation for transcatheter tricuspid procedures
- To undertake pre-procedural analysis using the actual raw images from live cases at this year's PCR London Valves
- To learn which selection criteria are used for specific tricuspid interventions

- Welcome and session objectives
M. Swaans
- Anatomical determinants of success
M. Swaans, N. Wunderlich
- LUX
L. Weckbach (Pending confirmation)
- Session evaluation and key learnings
N. Wunderlich

16:25 - 17:25

ROOM A

Nurses and Allied
ProfessionalsCase-based
Discussion

Planning for safe discharge

Facilitators: G. Mccalmont, V. Rodriguez-Garciaabad
Media Driver: S. Carson

Join us if you want:

- To improve your systems for discharge management following valve interventions
 - To learn what is needed to allow patients to go home safely
 - To discuss strategies for the management of residual symptoms in the early follow up period
- Welcome and session objectives
G. Mccalmont
 - Building criteria for safe discharge
L. Hinterbuchner, K. Wilson, S. Carson
 - ECG assessment – When can my patient go home?
S. Hogarth (Pending confirmation)
 - Successful procedure but symptoms remain the same – Now what?
L. Connolly
 - Discussion and audience interaction
 - Session evaluation and key learnings
V. Rodriguez-Garciaabad

16:25 - 17:25

ROOM B

Abstracts

Featured Research - Aortic valve (Part 9)

Session comprising selected PCR London Valves
 2024 Abstracts submissions

Facilitators: M. Assafin, R. Kornowski

- Lower extremity dysfunction after transfemoral TAVI
G. Versteeg
- Discussion and audience interaction
- Gender differences after TAVR 10-year follow-up
M. Ferraioli
- Discussion and audience interaction
- Association of extravalvular cardiac damage and cardiac CT-derived extracellular volume in TAVI patients
M. Belmonte
- Discussion and audience interaction
- Aortic single point of referral process: a single-centre review of the aortic pathways' timelines
K. Pena
- Discussion and audience interaction
- Outcomes of repeat TAVR with different valve combinations
W. H. Yin
- Discussion and audience interaction
- A glimpse into the future of TAV-in-TAV procedure with the self-centering easycross catheter
C. Vella
- Discussion and audience interaction
- The examination of the co-axiality of transcatheter aortic self-expanding valve
Y. Teng
- Discussion and audience interaction

16:25 - 17:25

ROOM C

Abstracts

Featured Research - Tricuspid valve (Part 3)

Session comprising selected PCR London Valves
 2024 Abstracts submissions

Facilitators: A. Duncan, O. Soliman

- Novel balloon expandable valve: systematic review of aortic, mitral, tricuspid and pulmonary uses
M. García Gómez
- Discussion and audience interaction
- Health status after transcatheter tricuspid valve repair: results from the Tri-Fr trial
E. Donal
- Discussion and audience interaction
- Value of the pulmonary artery pulsatility index in transcatheter tricuspid valve interventions
K. P. Rommel
- Discussion and audience interaction
- Identifying high-risk secondary tricuspid regurgitation phenogroups by unsupervised cluster analysis
L. Badano
- Discussion and audience interaction
- Thrombosis of transcatheter tricuspid valve replacement devices: a single-center experience
R. Le Ruz
- Discussion and audience interaction
- Conductance disturbances after TTVR
R. Le Ruz
- Discussion and audience interaction

16:25 - 17:25



ROOM D

Clinical Cases

Featured Cases - Challenging Mitral TEER (Part 1)

Session comprising selected PCR London Valves 2024 Clinical Cases submissions

Facilitators: C. Barnes, S. C. C. Lam

- Coapting the non-regurgitant A2P2 segment in functional mitral regurgitation with eccentric jets
Z. Zhao
- Discussion and audience interaction
- 4D-Volume intracardiac echocardiography-only M-TEER
M. Birolì
- Discussion and audience interaction
- Diamond-shape clasp using PASCAL device for non-central mitral regurgitation
A. Okada
- Discussion and audience interaction
- Severe mitral regurgitation with endomyocardial fibrosis in patient candidate to heart transplantation
V. Monivas Palomero
- Discussion and audience interaction
- M-TEER in complex mitral valve anatomy
V. Ardizzone
- Discussion and audience interaction
- Favourable "spacer" effect of M-TEER via PASCAL P10 for mixed mitral regurgitation etiology with leaflet degeneration
H. Tsuruta
- Discussion and audience interaction

16:25 - 17:25



ROOM F

Clinical Cases

Featured Cases - Challenging mitral TEER (Part 2)

Session comprising selected PCR London Valves 2024 Clinical Cases submissions

Facilitators: J. Joseph, Y. Watanabe

- Octogenarian with Barlow's syndrome and severe mitral regurgitation: how should I treat?
Y. Zhang
- Discussion and audience interaction
- A valve-tastic adventure - Chasing the A1 prolaps
J. Stehli
- Discussion and audience interaction
- TEER for mitral valve prolapse at the commissure
- Discussion and audience interaction
- Managing severe mitral regurgitation in Barlow's disease with significant mitral annular disjunction
A. Millin
- Discussion and audience interaction
- TEER-ing up for a challenge: the Barlow's valve regurgitation rodeo
J. Stehli
- Discussion and audience interaction
- Mitral edge to edge repair case series for recurrent mitral regurgitation post mitral valve surgery
P. Savvoulidis
- Discussion and audience interaction

16:25 - 17:25



ROOM E

Abstracts

Featured Research - Tricuspid valve (Part 4)

Session comprising selected PCR London Valves 2024 Abstracts submissions

Facilitators: R. Costa, M. Garbi

- Clinical impact of the planimetry of vena contracta area in secondary tricuspid regurgitation
G. Benzoni
- Discussion and audience interaction
- Tricuspid right ventricular lead jailing in transcatheter tricuspid interventions
T. Storozhenko
- Discussion and audience interaction
- 4D ICE to guide T-TEER: step by step comparison of intracardiac and transoesophageal echo
M. Birolì
- Discussion and audience interaction
- Efficacy of transcatheter edge-to-edge repair in CIED-related tricuspid regurgitation
A. Ruberti
- Discussion and audience interaction
- Acute effect of transcatheter tricuspid edge-to-edge repair on 3D tricuspid annular geometry
J. Von Stein
- Discussion and audience interaction

16:25 - 17:25



THE EXCHANGE

Clinical Cases

Rapid-Fire - Transcatheter tricuspid valve replacement

Session comprising selected PCR London Valves 2024 Clinical Cases submissions

Facilitators: T. Nestelberger, N. Wilde

- LuX TTVR to salvage a single leaflet device attachment TriClip
K. C. Y. So
- Discussion and audience interaction
- Severe tricuspid valve regurgitation: a unique case of combined interventional strategies
M. L. Novembre
- Discussion and audience interaction
- TTVR - First experience in Latin America
V. Esteves
- Discussion and audience interaction
- Transcatheter tricuspid valve-in-valve implantation
I. Nedelciuc
- Discussion and audience interaction
- Post-TTVI implantation atrioventricular block requiring pacemaker implantation
I. J. Amat-Santos
- Discussion and audience interaction
- Challenging imaging during TTVR
M. Weber
- Discussion and audience interaction
- TTVR - Transjugular is the way to go
V. Esteves
- Discussion and audience interaction

17:00 - 17:30



HANDS ON LAB

Mitral Simulation
Pathway

Simulation-based
Learning

Transseptal puncture and left atrial navigation for mitral and LAO procedures

This session has been made possible thanks to the kind support of Abbott and Simuland

Facilitators: P. Denti, C. Godino
Physician Trainers: N. Buzzatti, C. Cook, C. Gaspardone, F. Gramegna, M. Saccocci, M. Shuvy, A. P. Tagliari

Join us if you want:

- To understand the importance of accurate transseptal puncture for specific devices and procedures
- To know the basic manoeuvres required for safe and successful left atrial navigation
- To master the technique of transseptal puncture using simulation based training models

17:30 - 18:30



ROOM 3

Symposium with
Recorded case



TAVR implantation techniques: are they the same for all self-expanding TAV platforms?

See session details in the Sponsored Programme section at the end of this document.

17:30 - 19:00



MAIN ARENA

Symposium with
Recorded case



RESHAPING the transcatheter treatment of mitral and tricuspid regurgitation

See session details in the Sponsored Programme section at the end of this document.

17:30 - 19:00



ROOM 4

Symposium with
Recorded case



New frontiers in TAVI: have we reached them?

See session details in the Sponsored Programme section at the end of this document.

17:30 - 18:30



ROOM 2 - THE FORUM

Symposium



The many faces of complex TAVI

See session details in the Sponsored Programme section at the end of this document.

08:30 - 10:00



MAIN ARENA

LIVE Educational
Case



TAVI durability and treatment options

Anchorperson: T. Patterson
Spokesperson: S. Dawkins
Operators: N. Dumonteil, D. Tchetché
Procedural Analyst: C. Cook
Imaging analyst: H. Jilaihawi
Discussants: M. Chen, M. Coylewright, R. Eduardo Gomes Sarmento Leite, A. Mcinerney, O. Wendler
Medical Coordinator: B. Degrelle
Speaker: L. Conradi

Join us if you want:

- To discuss the available information concerning the durability of current TAVI devices
 - To gain a fuller understanding of the challenges associated with TAV-in-TAV intervention
 - To understand how to plan and perform a redo TAVI procedure step-by-step
- Welcome and session objectives
T. Patterson
 - Patient presentation
S. Dawkins
 - Imaging analysis
H. Jilaihawi
 - Heart team discussion
 - Operator strategy
T. Patterson
 - LIVE Case from Clinique Pasteur - Toulouse, France
 - Debriefing
 - Recorded Surgical case from University Hospital of Cologne, Germany
 - Debriefing
 - Key learnings
T. Patterson

08:30 - 09:30



ROOM 2 - THE
FORUM

Case-based
Discussion



Recurrent and residual tricuspid regurgitation after transcatheter repair - Assessment and management

With the collaboration of the PCR Tricuspid Focus Group

Facilitators: V. Delgado, P. Lurz
Discussants: G. Nickenig, A. Rück, A. Sannino, H. Treede

Join us if you want:

- To know how to avoid recurrent and residual tricuspid regurgitation after transcatheter repair
 - To understand how to assess the mechanism and severity of recurrent and residual tricuspid regurgitation
 - To learn more about the options for interventional treatment and key elements of procedural planning
- Welcome and session objectives
P. Lurz
 - Predictors and clinical relevance of residual tricuspid regurgitation after transcatheter repair
L. Stolz
 - Discussion and audience interaction
 - Case discussion: common clinical scenarios
G. Nickenig
 - Discussion and audience interaction
 - Case discussion: single leaflet detachment
N. Fam
 - Discussion and audience interaction
 - Session evaluation and key learnings
V. Delgado

08:30 - 09:30



ROOM 3

Case-based
Discussion



TAV-in-SAV for surgical bioprosthetic valve failure

Anchorperson: S. Bleiziffer
Spokesperson: M. Abdel-Wahab
Discussants: D. Dvir, I. George, Y. Ohno, R. Parma

Join us if you want:

- To appreciate the key information you need to know about a failed surgical bioprosthesis before considering a valve-in-valve procedure
 - To learn how to avoid high gradients and patient-prosthesis mismatch after valve-in-valve procedures
 - To understand the clinical relevance of trans-valve gradient measurements
- Welcome and session objectives
S. Bleiziffer
 - Case presentation
M. Abdel-Wahab
 - Gradients and mismatch – the Achilles heel of valve-in-valve procedures
D. Dvir
 - The characteristics of surgical bioprostheses and the role of re-do surgery
M. Abdel-Wahab, M. Erlebach
 - Discussion and audience interaction
L. Rosseel
 - Expansion of contemporary surgical bioprostheses
S. Bleiziffer
 - Discussion and audience interaction
 - Procedural measures to avoid gradients and mismatch
R. Parma
 - BEV vs. SEV - RCT data and the relevance of valve gradients
A. Abbas
 - Live poll: how would you treat my patient?
M. Abdel-Wahab
 - Session evaluation and key learnings
M. Abdel-Wahab

08:30 - 09:30



ROOM 4

Innovation
Case-based
Discussion



How to implement a successful structural intervention programme

With the collaboration of the European Association of Percutaneous Cardiovascular Interventions (EAPCI)

Anchorperson: M. Gilard
Spokesperson: A. Chieffo
Discussants: M. Adamo, C. R. Agatiello, D. Dudek, G. Tarantini

Join us if you want:

- To learn about the requirements for building a transcatheter valve intervention programme
 - To discuss the physical and personnel requirements that are needed to ensure success
 - To understand how to attract and train fellows and ensure that their educational needs are addressed
- Welcome and session objectives
M. Gilard
 - Case presentation
P. Simon
 - Discussion and audience interaction
 - What are the requirements in terms of equipment and capacity?
F. Praz
 - Discussion and audience interaction
 - How to build an aortic programme?
R. Campante Teles
 - Discussion and audience interaction
 - How to build a mitral and tricuspid programme?
E. Van Belle
 - Discussion and audience interaction
 - How to create a fellowship programme?
F. Bedogni
 - Discussion and audience interaction
 - Session evaluation and key learnings
A. Chieffo

08:30 - 09:30



SIMULATION
LEARNING
ROOM

Simulation-based
Learning

Mitral leaflet management: LAMPOON, ELASTA and BATMAN

This session has been made possible thanks to the kind support of Abbott, Edwards Lifesciences, Meril, Pie Medical Imaging and Simulands

Anchorperson: P. Denti
Facilitators: M. Adam, M. Sitges, M. Taramasso
Media Driver: M. Saccocci

Join us if you want:

- To understand the anatomical landmarks needed for successful mitral leaflet management
- To become more familiar with the material needed for electrosurgical leaflet management techniques
- To understand the different approaches to leaflet management (LAMPOON, ELASTA and BATMAN)



08:30 - 09:00



HANDS ON LAB

Simulation-based
Learning

Planning for second time TAVI (TAV-in-TAV) procedures

This session has been made possible thanks to the kind support of Biosensors, Boston Scientific, Edwards Lifesciences, Medtronic, Meril and Simulands

Facilitators: A. Beneduce, A. Khokhar
Physician Trainers: M. Akodad, I. J. Amat-Santos, V. Bapat, N. Buzzatti, F. Giannini, D. Meier

Join us if you want:

- To understand the challenges of TAV-in-TAV procedures using different implant combinations
- To observe the interaction of different TAVI platforms in simulator models
- To explore different TAV-in-TAV options according to initial device choice and second time implant

08:30 - 10:00



ROOM A

Abstracts

Featured research - Aortic valve (Part 10)

Session comprising selected PCR London Valves 2024 Abstracts submissions

Facilitators: M. Lee, P. Theriault-Lauzier

- One-year outcomes after TAVI in tricuspid and bicuspid native valves and surgical bioprosthesis
T. Thim
- Discussion and audience interaction
- Impact of baseline frailty and mobility on clinical outcome and symptom improvement post-TAVI
S. Fawaz
- Discussion and audience interaction
- Coronary alignment during TAVI with balloon expandable valves: a compare TAVI substudy
R. V. Jensen
- Discussion and audience interaction
- JenaValve Trilogy for the treatment of severe aortic regurgitation: a single-centre experience
F. Pensotti
- Discussion and audience interaction
- Expansion and ellipticity of Evolut in bicuspid aortic stenosis and impact on valve performance
G. Tirado Conte
- Discussion and audience interaction
- Right ventricular systolic dysfunction in severe aortic stenosis - 3D-echocardiography study
H. Abdelgawad
- Discussion and audience interaction
- Effect of cardiac amyloidosis on TAVR in low-flow low-gradient aortic stenosis
J. Maenza
- Discussion and audience interaction
- Clinical utility and durability of TAVR for left ventricular assist device associated aortic insufficiency
G. Chrysant
- Discussion and audience interaction
- Comparison of primary outcomes of contemporary generation TAVI valves: analysis from LANDMARK trial
P. Serruys
- Discussion and audience interaction

08:30 - 10:00



IMAGING LEARNING LAB

Imaging
Imaging-based
Learning

Imaging for transcatheter tricuspid interventions - Combining echocardiography, CT, and fluoroscopy

Facilitators: A. Gackowski, N. Piazza, M. Swaans

Join us if you want:

- To learn how to integrate echocardiography, CT and fluoroscopy into your daily practice
- To understand which chamber views are optimal to perform transcatheter tricuspid valve interventions
- To learn how to interpret fluoroscopic and echocardiographic images for catheter movements during transcatheter tricuspid valve interventions

08:30 - 09:30



IMAGING SKILLS LAB

Imaging
Imaging-based
Learning

The TAVI CT - Hands-on

Facilitator: B. Ariff
Media Driver: N. Montarello

Join us if you want:

- To understand the essential elements of the TAVI CT report
 - To obtain hands on experience of TAVI CT reporting using contemporary software
 - To learn from experienced mentors and network with your peers
- Welcome and session objectives
 - How to report a TAVI CT
 - Discussion and audience interaction
 - Mentored reporting session
 - Participant reporting session
 - Session evaluation and key learnings

08:30 - 10:00



ROOM B

Clinical Cases

Featured cases - When the cardiologist meets the surgeon

Session comprising selected PCR London Valves 2024 Clinical Cases submissions

Facilitators: A. Damonte, T. Walther

- Direct vision implantation of a TAVI prosthesis during left ventricular assist device implantation
S. Sündermann
- Discussion and audience interaction
- Valve-in-valve TAVI in a patient with a bioprosthetic aortic valve and a tube aortic graft
C. Eftychiou
- Discussion and audience interaction
- A case of TAVR for aortic stenosis after aortic valve neocuspidisation
- Discussion and audience interaction
- Organised thrombus stuck aortic valve leaflet in 82 high-risk patient with Bentall
K. Amber
- Discussion and audience interaction
- Valve pop-out during valve-in-valve procedure of bioprosthetic aortic valve: a challenging case
M. H. Namazi
- Discussion and audience interaction
- Transforming mitral valve care "valve-in-valve" technique for bioprosthetic valve stenosis
M. M. Mahmood
- Discussion and audience interaction
- Complication management post-TAVR: highlighting the critical role of the hybrid operating room
M. Andreas
- Discussion and audience interaction
- Iatrogenic annulus rupture during TAVR
T. Lescure
- Discussion and audience interaction
- When thinking outside the box saves two hearts
A. Marigliano
- Discussion and audience interaction
- When an aortic valve prosthesis is not enough
C. Oliveira
- Discussion and audience interaction

08:30 - 10:00



ROOM C

Clinical Cases

Featured cases - Challenging TAVI scenarios

Session comprising selected PCR London Valves 2024 Clinical Cases submissions

Facilitators: C. J. Terkelsen, L. Testa

- TAVR with coronary protection in a patient with low anomalous origin of left circumflex artery
S. Dhumale
- Discussion and audience interaction
- 3D ICE-guided antegrade TAVR using "commander-flex" technique with conscious sedation
J. Castellanos
- Discussion and audience interaction
- It's not about coronary protection but life-saving
Y. Sadek
- Discussion and audience interaction
- No-contrast TAVI in end-stage renal disease: a thoughtful choice
A. Rigopoulos
- Discussion and audience interaction
- Threading the needle : snare-assisted TAVI's precision craft
R. Kanaklal Abhaichand
- Discussion and audience interaction
- Triple trouble in a complex TAVI
D. Bhattacharyya
- Discussion and audience interaction
- Escaping the metallic cage
A. Mani
- Discussion and audience interaction
- A case with failed aortic valve-in-valve
C. Liu
- Discussion and audience interaction
- Recurrent premature bioprosthetic aortic valves failure due to a rare form of cardiomyopathy
I. Rafie
- Discussion and audience interaction
- Use of snare technique for repositioning of an embolised self-expanding valve during TAVR
F. Akturk
- Discussion and audience interaction

08:30 - 10:00



ROOM D

Clinical Cases

Featured cases - Non-transfemoral TAVI access

Session comprising selected PCR London Valves 2024 Clinical Cases submissions

Facilitators: J. Byrne, T. Hovasse

- Exploring alternative access to treat a rotated degenerated aortic bioprosthesis
A. Cervone
- Discussion and audience interaction
- Extraordinary access for TAVI: transiliac approach
V. O. Baris
- Discussion and audience interaction
- "Femoral" is not the only way: a case of transsubclavian TAVI with a twist
E. Hatipoglu (Pending confirmation)
- Discussion and audience interaction
- Snaring-assisted TAVR in a complex anatomy
S. Moscardelli
- Discussion and audience interaction
- Transcaval TAVI
A. Alenezi
- Discussion and audience interaction
- Alternate access TAVR - When one door is closed then look for another
S. Narasimhan
- Discussion and audience interaction
- Transformed from above
A. Sherwen
- Discussion and audience interaction
- Going around the bend
A. Sherwen
- Discussion and audience interaction
- When your roads get closed
A. El Amrawy
- Discussion and audience interaction

08:30 - 10:00



ROOM E

Clinical Cases

Featured cases - TAVI nightmares (Part 3)

Session comprising selected PCR London Valves 2024 Clinical Cases submissions

Facilitators: K. Poon, M. Traina

- Healing process is a miracle
N. Glavnik Poznic
- Discussion and audience interaction
- Not all annular ruptures are the same
A. Al Kindi
- Discussion and audience interaction
- Navigating the triple challenge: TAVR, coronary angioplasty, and iliac artery dissection
D. Jain
- Discussion and audience interaction
- TAVI with an end-game difficulty
V. Kesavan
- Discussion and audience interaction
- A case of severe transvalvular regurgitation in the subacute phase after TAVR with Navitor system
S. Oka
- Discussion and audience interaction
- Treatment and consideration of instrument failure during TAVR
J. Michel
- Discussion and audience interaction
- Severe aortic regurgitation after post-dilation balloon rupture during TAVI
P. J. Santillan
- Discussion and audience interaction
- Snare-assisted aortic valve positioning with heart Navigator
L. Avendaño-Perez
- Discussion and audience interaction
- "Coming down the chimney" PCI post valve-in-valve TAVI with deformed chimney stent
A. Taleb
- Discussion and audience interaction

08:30 - 10:00

ROOM F

Clinical Cases

Featured cases - TAVI in challenging anatomy

Session comprising selected PCR London Valves 2024 Clinical Cases submissions

Facilitator: Z. Zhao

- TAVI: crossing the uncrossable: tips and tricks
P. Dardas
- Discussion and audience interaction
- Is percutaneous large-bore access possible multiple times through the same axillary artery?
J. Sacha
- Discussion and audience interaction
- Transfemoral TAV-in-TAV with endoconduit in right-sided aortic arch and complex vascular anatomy
R. Otake
- Discussion and audience interaction
- A case of aorto-femoral bypass access for TAVI
B. Rymuza
- Discussion and audience interaction
- A way to manage an uncrossable aortic root calcification during TAVI
E. Cecchi
- Discussion and audience interaction
- Concomitant TAVI and EVAR service in high-risk patients.
M. Aetesam-Ur-Rahman
- Discussion and audience interaction
- Intravascular lithotripsy for encumbered access in transfemoral TAVI
B. G. Martin
- Discussion and audience interaction
- TAVR with self-expanding valve in complex aortic anatomy - A touch to non-steerable valve
T. Patel
- Discussion and audience interaction
- TAVI via alternative access - Transcarotid approach
H. Mehta
- Discussion and audience interaction

08:30 - 09:15

THE EXCHANGE

Clinical Cases

Rapid-Fire - Pulmonary valve interventions

Session comprising selected PCR London Valves 2024 Clinical Cases submissions

Facilitators: M. Chopra, N. Wilde

- Pulmonary valve-in-valve - Tips and tricks
V. Ninios
- Discussion and audience interaction
- TPVR for a restenosed post-Rastelli pulmonary valve with severe infundibular conduit restenosis
P. Barwad
- Discussion and audience interaction
- Pulmonary valve implantation in repaired tetralogy of fallot with anomalous origin of circumflex
J. A. Fernandez Sanchez
- Discussion and audience interaction
- Transcatheter pulmonary valve implantation in quadricuspid pulmonary valve regurgitation
Y. Feng
- Discussion and audience interaction
- Novel extra-large balloon expandable transcatheter heart valve for the right ventricle outflow tract
M. Garcia Gómez
- Discussion and audience interaction
- Mexico's first self-expandable pulmonary valve in an adult with repaired tetralogy of Fallot
J. G. Paredes-Vazquez
- Discussion and audience interaction

09:10 - 09:40

HANDS ON LAB

Simulation-based Learning

Planning for second time TAVI (TAV-in-TAV) procedures

This session has been made possible thanks to the kind support of Biosensors, Boston Scientific, Edwards Lifesciences, Medtronic, Meril and Simulands

Facilitators: A. Beneduce, A. Khokhar
Physician Trainers: M. Akodad, I. J. Amat-Santos, V. Bapat, N. Buzzatti, F. Giannini, D. Meier

Join us if you want:

- To understand the challenges of TAV-in-TAV procedures using different implant combinations
- To observe the interaction of different TAVI platforms in simulator models
- To explore different TAV-in-TAV options according to initial device choice and second time implant

09:20 - 10:05



THE EXCHANGE

Clinical Cases

Rapid-Fire - TAVI-in-TAVI (Part 2)

Session comprising selected PCR London Valves
2024 Clinical Cases submissions

Facilitators: M. Bunc, C. Godino

- TAVI-in-TAVI coronary artery occlusion an unexpected complication
D. Espriu
- Discussion and audience interaction
- Comparison of haemodynamic valve deterioration process between self-expanding and balloon expandable-THV as considered from a TAV-in-TAV case
T. Sakamoto
- Discussion and audience interaction
- TAVI-in-TAVI, surgical AVR-in-TAVI or neither?
K. Stathogiannis
- Discussion and audience interaction
- Procedural planning with modern tools
A. Thabit
- Discussion and audience interaction
- TAV in TAV: balloon expandable valve in a degenerated self expandable valve
R. Kapoor
- Discussion and audience interaction
- TAVI-in-TAVI in emergency, cardiogenic shock, low-contrast protocol
G. Bonnet
- Discussion and audience interaction
- Valve in early TAVI failure
G. Ghanem
- Discussion and audience interaction

09:45 - 10:45



ROOM 2 - THE FORUM

Case-based Discussion



TAV-in-TAV for transcatheter heart valve failure

Facilitators: M. Akodad, V. Bapat, D. Blackman, T. Rogers
Participants: R. Parma, T. Rudolph

Join us if you want:

- To understand the key decisions required when planning a re-do TAVI procedure
 - To learn how to analyse the CT prior to re-do TAVI using a step-by-step approach
 - To know how to use the re-do TAVI App to plan and execute a TAV-in-TAV procedure
- Welcome and session objectives
D. Blackman
 - Case presentation
T. Rogers
 - Key decisions in planning a re-do TAVI procedure
M. Akodad, D. Blackman
 - Introduction to the re-do TAVI App
V. Bapat, D. Blackman
 - Redo TAVI CT planning using the Redo TAV App
M. Akodad, V. Bapat, D. Blackman, T. Rogers
 - Device selection
M. Akodad, D. Blackman
 - Implant depth, sizing and coronary risk assessment
M. Akodad, V. Bapat, D. Blackman, T. Rogers
 - Final strategy
V. Bapat
 - Case demonstration
T. Rogers
 - Discussion and audience interaction
 - Session evaluation and key learnings
V. Bapat

09:45 - 10:45

ROOM 3

Case-based
Discussion



Transcatheter mitral intervention for failed surgical valves and rings - The toolkit

Anchorperson: F. Hellig
Spokesperson: P. Maccarthy
Discussants: S. Bleiziffer, M. Guerrero, J. Khan, K. K. Yeo

Join us if you want:

- To understand how to select a patient for mitral valve-in-valve or valve-in-ring intervention
 - To explore the steps of a typical mitral valve-in-valve procedure
 - To appreciate how to address the most frequent procedural challenges
- Welcome and session objectives
F. Hellig
 - Pre-procedural clinical and imaging screening
O. De Backer
 - Suitability of specific valves and rings for transcatheter intervention
S. Bleiziffer
 - My patient requiring a valve-in-valve procedure
S. Redwood
 - Transseptal puncture
S. Redwood
 - Valve wiring
S. Redwood
 - Valve delivery
S. Redwood
 - Valve deployment
S. Redwood
 - Tips and tricks for valve-in-ring procedures
P. Freeman
 - Optimal haemodynamic outcomes – the role of valve cracking
G. Nickenig
 - LVOT obstruction – the role of the LAMPOON procedure
P. Freeman
 - Troubleshooting – how to address the most frequent procedural challenges
F. Hellig
 - Session evaluation and key learnings
P. Maccarthy

09:45 - 10:45

ROOM 4

Case-based
Discussion



The right ventricle - Key determinant of tricuspid procedural planning and clinical outcomes

With the collaboration of the PCR Tricuspid Focus Group

Anchorperson: N. Wunderlich
Spokesperson: D. Muraru
Discussants: R. Hahn, K. P. Kresoja, T. Ruf, L. Weckbach

Join us if you want:

- To understand the role of the right ventricle in the pathophysiology of tricuspid regurgitation
 - To appreciate which imaging modalities are most useful to assess right ventricular morphology and function
 - To know which parameters determine prognosis in the context of tricuspid intervention
- Welcome and session objectives
N. Wunderlich
 - Which echocardiographic parameters characterise right ventricular morphology and function in the context of tricuspid valve intervention?
D. Muraru
 - Discussion and audience interaction
 - What can further diagnostic imaging contribute?
K. P. Kresoja
 - Discussion and audience interaction
 - Acute right heart failure after TR reduction
R. Hahn
 - Discussion and audience interaction
 - When (and how) does the right ventricle remodel after tricuspid valve interventions?
L. Weckbach
 - Discussion and audience interaction
 - Session evaluation and key learnings
D. Muraru

09:45 - 10:45

IMAGING SKILLS LAB

Imaging
Imaging-based Learning

Hands-on mitral valve imaging

Facilitators: V. Delgado, A. Duncan, H. Mahmoud-Elseyed, J. Von Stein

Join us if you want:

- To learn how to assess the severity of mitral stenosis and determine anatomical suitability for balloon valvuloplasty
 - To understand how to assess patients with a failing prosthetic mitral valve or ring and assess anatomical suitability for a valve-in-valve or valve-in-ring procedure
 - To know more about the assessment of patients with mitral annular calcification and how to plan a valve-in-MAC procedure
- > Welcome and session objectives
A. Duncan
 > Mitral stenosis and balloon valvuloplasty
H. Mahmoud-Elseyed
 > Patient selection for mitral valve-in-valve or valve-in-ring procedures
V. Delgado
 > Interventions for mitral annular calcification
A. Duncan
 > Session evaluation and key learnings
V. Delgado

09:50 - 10:20

HANDS ON LAB

Simulation-based Learning

Mitral leaflet management: LAMPOON, ELASTA and BATMAN

This session has been made possible thanks to the kind support of Abbott, Edwards Lifesciences, Medtronic, Meril and Simulands

Facilitator: P. Denti
Physician Trainers: N. Azzola Guicciardi, A. Beneduce, N. Buzzatti, A. Faggi, P. Gatto, M. Saccocci, M. Shuvy

Join us if you want:

- To improve your appreciation of the key anatomical landmarks required for safe and successful mitral leaflet management
- To become more familiar with the equipment required to perform leaflet electrosurgery
- To understand the different contemporary techniques for mitral leaflet management (LAMPOON, ELASTA and BATMAN)

10:05 - 10:55

MAIN ARENA

Tutorial



Multivalve disease: defining pathways for optimal assessment and treatment in the absence of good clinical evidence

Partners in Learning - a PCR/CRF Collaboration

Anchorperson: A. Vahanian
Spokesperson: A. Asgar
Discussants: M. Garbi, J. Hausleiter, R. Makkar, D. Messika-Zeitoun, T. Patterson, G. Tang

Join us if you want:

- To appreciate the frequency of multivalve disease and its association with poor clinical outcomes
 - To understand the need for comprehensive multimodality investigation, including assessment of the pulmonary circulation and right ventricular function
 - To learn how to identify high risk patients and instigate measures that will ensure best clinical outcomes
- > Welcome and session objectives
A. Vahanian
 > Modern means of multi-modality assessment: advanced echocardiography, magnetic resonance or cardiac catheterisation?
J. Cavalcante
 > Discussion and audience interaction
 > Cardiopulmonary interaction: the impact of the pulmonary circulation and right ventricular function
P. Lurz
 > Discussion and audience interaction
 > High risk combinations: measures for haemodynamic support and the role of procedural sequencing
M. Adamo
 > Discussion and audience interaction
 > Session evaluation and key learnings
A. Asgar

10:05 - 11:05

IMAGING LEARNING LAB

Imaging
Imaging-based Learning

Learning from experience - TOE for transcatheter tricuspid interventions

Facilitators: J. Dreyfus, A. Gackowski, E. Ho, F. Praz

Join us if you want:

- To learn how to optimise transesophageal echocardiography for procedural guidance of transcatheter tricuspid edge-to-edge repair
- To learn how to optimise transesophageal echocardiography for procedural guidance of transcatheter tricuspid valve replacement

10:05 - 10:50



ROOM A

Abstracts

Featured research - Aortic valve (Part 11)

Session comprising selected PCR London Valves 2024 Abstracts submissions

Facilitators: M. Lee, D. Muir

- Long-term outcome of bailout valve-in-valve TAVI at index procedure
I. Horn
- Discussion and audience interaction
- The Navilgister: Navitor THV in bicuspid aortic valves
O. Oliva
- Discussion and audience interaction
- Volumetric measurements of 3D aortic models as a novel component of post-TAVI CT data analysis
A. Zlahoda-Huzior
- Discussion and audience interaction
- Left vs right ventricular pacing in TAVR: a systematic review and meta-analysis
W. Gomes
- Discussion and audience interaction
- Optimise PRO study: global standardised TAVI technique and care pathway results
K. Grubb (Pending confirmation)
- Discussion and audience interaction
- Clinical impact of frame underexpansion using a self-expanding transcatheter heart valve
W. K. Kim (Pending confirmation)
- Discussion and audience interaction

10:05 - 10:50



ROOM B

Clinical Cases

Featured Cases - Pulmonary valve intervention

Session comprising selected PCR London Valves 2024 Clinical Cases submissions

Facilitators: P. Calvert, S. Worthley

- Percutaneous innovation in complex pulmonary pathology: simplifying the challenge
D. T. Gutierrez Guadarrama
- Discussion and audience interaction
- Percutaneous pulmonary valve implantation in an extremely dilated main pulmonary artery
K. C. T. Un
- Discussion and audience interaction
- Premature balloon rupture
A. Firouzi
- Discussion and audience interaction
- Transcatheter pulmonic valve implantation in native pulmonary valve with extra large annulus 33mm
P. Barwad
- Discussion and audience interaction
- Closing a giant pulmonary paravalvar leak - Tips and tricks
V. Ninios
- Discussion and audience interaction

10:05 - 10:50



ROOM C

Clinical Cases

Featured Cases - TAVI in SAVR (Part 2)

Session comprising selected PCR London Valves 2024 Clinical Cases submissions

Facilitators: K. Poon, Y. Watanabe

- TAVI for severe aortic regurgitation in degenerated homograft: urgent solution for heart failure
K. Chatterjee
- Discussion and audience interaction
- Torrential aortic regurgitation in aortic homograft with redo bioprosthesis: can we stop the leak?
S. Khogali
- Discussion and audience interaction
- Illusions of angles
M. Parekh
- Discussion and audience interaction
- Transcatheter treatment of degenerated sutureless aortic prosthesis
E. Toscano
- Discussion and audience interaction
- Valve-in-valve TAVI with severely calcified coronary and peripheral stenoses
A. Alharbi
- Discussion and audience interaction

10:05 - 10:50



ROOM D

Clinical Cases

Featured Cases - Stroke prevention

Session comprising selected PCR London Valves 2024 Clinical Cases submissions

Facilitators: M. Chopra, R. Kharbanda

- Snaring-assisted TAVR under cerebral embolic protection: the "Chaperone" with "Top Hat" technique
P. S. Simeoli
- Discussion and audience interaction
- Single side access for cerebral embolic protection device in TAVR
I. George
- Discussion and audience interaction
- Use of the TriGUARD system during percutaneous mitral commissurotomy in a patient with LA thrombus
C. Mesiani
- Discussion and audience interaction
- TAVR and LAA closure - Watch-TAVR
L. Areiza
- Discussion and audience interaction
- Strategy in a double structural interventional procedure in a complex patient
M. Mon Noboa
- Discussion and audience interaction

10:05 - 10:50



ROOM E

Clinical Cases

Featured cases - TAVI in aortic regurgitation

Session comprising selected PCR London Valves 2024 Clinical Cases submissions

Facilitators: V. Gupta, D. Hou

- TAVR for pure native aortic regurgitation in surgically unfit patient
R. Kapoor
- Discussion and audience interaction
- Aortic regurgitation treatment with dedicated transcatheter valve in left ventricular assist patient
H. Hinkov
- Discussion and audience interaction
- Challenging TAVI in a patient with left ventricular assist device-induced aortic regurgitation
B. Duran Karaduman
- Discussion and audience interaction
- Expanding frontiers on TAVR implantation
I. L. Merino González
- Discussion and audience interaction

10:05 - 10:50



ROOM F

Clinical Cases

Featured cases - Tricuspid TEER

Session comprising selected PCR London Valves 2024 Clinical Cases submissions

Facilitators: F. Kreidel, O. Soliman

- Transcatheter tricuspid valve edge-to-edge repair with Pascal Device in a patient with dextrocardia
T. Chakravarty
- Discussion and audience interaction
- Combined annuloplasty and edge-to-edge repair for tricuspid regurgitation: simultaneous or staged
A. Ruberti
- Discussion and audience interaction
- First-in-man transcatheter repair of tricuspid regurgitation caused by annuloplasty band dehiscence
P. Seshiah
- Discussion and audience interaction
- The challenges of transcatheter tricuspid valve interventions in the presence of eustachian valve.
C. A. Abool Maaly
- Discussion and audience interaction
- When clip slip: A tricuspid TEER challenge
S. Mengi
- Discussion and audience interaction

10:10 - 10:55



THE EXCHANGE

Clinical Cases

Rapid-Fire - TAVI and co-existent coronary artery disease

Session comprising selected PCR London Valves 2024 Clinical Cases submissions

Facilitators: M. Chen, H. Mehta

- Overcoming late radiotherapy consequences: left main PCI and TAVI at young age
A. Damonte
- Discussion and audience interaction
- Challenging bicuspid aortic stenosis and left main disease: a patient-tailored approach
S. Elvinger
- Discussion and audience interaction
- TAVI from elective to emergency
A. Alenezi
- Discussion and audience interaction
- TAVI in a patient with NSTEMI, heart failure and acute kidney injury: dealing with triple lethality
A. Kalogeropoulos
- Discussion and audience interaction
- Simultaneous PCI and TAVR using Hydra THV in an elderly patient
N. B. Senguttuvan
- Discussion and audience interaction
- Irreversible myocardial stunning in myocardial infarction with aortic stenosis: an ischemic interplay
N. Chunhamaneewat
- Discussion and audience interaction

10:30 - 11:00



HANDS ON LAB

Simulation-based Learning

Mitral leaflet management: LAMPOON, ELASTA and BATMAN

This session has been made possible thanks to the kind support of Abbott, Edwards Lifesciences, Medtronic, Meril and Simulands

Facilitator: P. Denti

Physician Trainers: N. Azzola Guicciardi, A. Beneduce, N. Buzzatti, A. Faggi, P. Gatto, M. Saccocci, M. Shuvy

Join us if you want:

- To improve your appreciation of the key anatomical landmarks required for safe and successful mitral leaflet management
- To become more familiar with the equipment required to perform leaflet electrosurgery
- To understand the different contemporary techniques for mitral leaflet management (LAMPOON, ELASTA and BATMAN)

11:05 - 12:35

MAIN ARENA

Symposium with
LIVE case



Align for the future with the novel balloon expandable Myval transcatheter heart valve series

See session details in the Sponsored Programme section at the end of this document.

11:05 - 12:05

ROOM 2 - THE FORUM

Symposium with
Recorded case



Pushing the boundaries to optimise patient outcomes: from planning to success

See session details in the Sponsored Programme section at the end of this document.

11:05 - 11:50

ROOM 3

Symposium



TAVI for pure aortic regurgitation with a dedicated CE-mark device: an underdiagnosed and undertreated disease

See session details in the Sponsored Programme section at the end of this document.

11:05 - 12:05

SIMULATION
LEARNING
ROOM

Simulation-based
Symposium



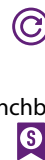
Transforming interventional care for patients with mitral regurgitation: simulation and case-based learning

See session details in the Sponsored Programme section at the end of this document.

12:15 - 13:15

ROOM 2 - THE FORUM

Symposium



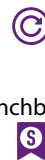
Optimising TAVI for bicuspid aortic stenosis: experience with a novel self-expanding system

See session details in the Sponsored Programme section at the end of this document.

12:15 - 13:15

ROOM 3

Symposium with
Recorded case



Zero-contrast TAVI while using a novel full-body embolic protection filter

See session details in the Sponsored Programme section at the end of this document.

12:15 - 13:15

ROOM 4

Symposium with
Recorded case



A dedicated TAVI valve for aortic regurgitation: the J-VALVE solution

See session details in the Sponsored Programme section at the end of this document.

14:00 - 15:35



MAIN ARENA

LIVE Educational
Case



Prime time for tricuspid TEER

Anchorperson: P. Lurz
Spokesperson: T. Modine
Operators: L. Bonfils, N. Dumonteil, D. Tchetché
Procedural Analyst: F. Praz
Imaging analyst: M. Sitges
Discussants: N. Ajmone Marsan, J. Byrne, F. Maisano, G. Nickenig, P. Sorajja, K. K. Yeo
Medical Coordinator: S. Arri
Speaker: N. Piazza
Participant: A. Gackowski

Join us if you want:

- To understand the challenges of tricuspid TEER in complex anatomical situations
 - To acquire the imaging skillset required in this procedural setting
 - To discuss potential approaches for complex tricuspid TEER procedures
- Welcome and session objectives
P. Lurz
 - Patient presentation
T. Modine
 - Imaging analysis
A. Gackowski, M. Sitges
 - Heart team discussion
 - Operator strategy
P. Lurz
 - LIVE Case from Clinique Pasteur - Toulouse, France
 - Debriefing
 - Recorded Case "Advanced imaging for tricuspid TEER" from McGill University Health Centre - Montréal, Canada
 - Debriefing
 - Key learnings
P. Lurz

14:00 - 15:30



ROOM 2 - THE
FORUM

Case-based
Discussion



Management of transcatheter mitral complications: prevention, recognition and bailout

Facilitators: S. Dawkins, S. Kar, T. Patterson

Join us if you want:

- To understand how to identify and predict the most frequent and serious complications of transcatheter mitral interventions
 - To know how to deal with difficult situations and manage them step by step
 - To learn key tips and tricks from experienced high volume operators
- Welcome and session objectives
T. Patterson
 - Audience poll
 - Case 1
S. Kar
 - Discussion and audience interaction
 - Case 2
 - Discussion and audience interaction
 - Case 3
T. Patterson
 - Discussion and audience interaction
 - Case 4
S. Dawkins
 - Discussion and audience interaction
 - Session evaluation and key learning
S. Dawkins

14:00 - 15:00



ROOM 3

Case-based
Discussion



Valve haemodynamics and long-term durability

Anchorperson: P. Pibarot
Spokesperson: V. Delgado
Discussants: D. Dudek, A. Petronio, L. Rosseel, E. Van Belle

Join us if you want:

- To understand the differences between invasive and echocardiographic measurements of valve gradient
 - To put the performance of surgical and transcatheter valves in contemporary perspective
 - To learn how to share our current understanding of surgical and transcatheter heart valve durability with your patients
- Welcome and session objectives
V. Delgado
 - Why are there differences in echocardiographic and invasive measurements of aortic transvalvular gradients?
P. Pibarot
 - Discussion and audience interaction
 - Perspectives on the differences in valve gradients for balloon expandable and self-expanding transcatheter heart valves
A. Abbas
 - Discussion and audience interaction
 - Current knowledge concerning structural degeneration of surgical and transcatheter valves
A. Petronio
 - Discussion and audience interaction
 - Interventional techniques that may impact upon transcatheter valve durability
D. Blackman
 - Discussion and audience interaction
 - What should we tell young patients about the durability of bioprosthetic aortic valves?
E. Van Belle
 - Discussion and audience interaction
 - Session evaluation and key learnings
V. Delgado

14:00 - 15:30



ROOM 4

Case-based
Discussion



Transcatheter tricuspid valve replacement - The fundamentals

With the collaboration of the PCR Tricuspid Focus Group

Anchorperson: C. Davidson
Spokesperson: M. I. Koerber
Discussants: C. Davidson, E. Ho, L. Leroux, V. Rudolph

Join us if you want:

- To understand how to select appropriate patients for transcatheter tricuspid valve replacement
 - To appreciate the essential elements of procedural planning
 - To know more about the key steps of the procedure
- Welcome and session objectives
J. Hausleiter
 - Case presentation
T. Ruf
 - Clinical selection for transcatheter tricuspid valve replacement
V. Rudolph
 - Discussion and audience interaction
 - Echocardiographic findings
T. Ruf
 - Screening for transcatheter tricuspid valve replacement: what to look for during echocardiography
M. I. Koerber
 - Discussion and audience interaction
 - CT analysis
T. Ruf
 - Procedural planning with CT and MRI
N. Pires
 - Discussion and audience interaction
 - The TRISCEND II study: an in-depth analysis
C. Davidson
 - Discussion and audience interaction
 - Case resolution
T. Ruf
 - Session evaluation and key learnings
M. I. Koerber

14:00 - 15:00

**SIMULATION
LEARNING
ROOM**

Simulation-based
Learning

**Planning and performance of
second time TAVI (TAV-in-TAV)
procedures**

*This session has been made possible thanks to the
kind support of Boston Scientific, Edwards
Lifesciences, Heartroid and Medtronic*

Anchorperson: A. Beneduce
**Facilitators: M. Akodad, V. Bapat, A.
Khokhar**
Media Driver: N. Azzola Guicciardi

Join us if you want:

- To understand the challenges associated with second time TAVI (TAV-in-TAV) procedures
- To know how to use the CT scan to plan a safe TAV-in-TAV procedure
- To learn how to perform a successful TAV-in-TAV procedure and use simulated techniques to appreciate how different TAVI platforms interact

14:00 - 15:00

**IMAGING SKILLS
LAB**

Imaging
Imaging-based
Learning

Tricuspid imaging session

**Facilitators: M. Swaans, J. Von Stein, L.
Weckbach, N. Wunderlich**

Join us if you want:

- To learn which patients are suitable for transcatheter tricuspid valve replacement
 - To appreciate which morphological and functional criteria need to be considered before transcatheter tricuspid valve replacement
 - To know how to guide the procedure safely and effectively, and assess the final outcome
- Welcome and session objectives
N. Wunderlich
 - What echocardiographic information do I need to decide whether a patient is suitable for tricuspid valve replacement?
L. Weckbach
 - What do I need to see during the individual procedural steps?
M. Swaans
 - How do I assess the outcome after transcatheter tricuspid valve replacement?
L. Weckbach
 - Session evaluation and key learnings
M. Swaans

14:00 - 14:45

HANDS ON LAB

Nurses and Allied
Professionals

Simulation-based
Learning

**Vascular closure devices: time
for hands on experience**

*This session has been made possible thanks to the
kind support of Abbott and Teleflex*

**Facilitators: L. Hinterbuchner, M. Longoni,
K. Wilson**

Join us if you want:

- To become more familiar with different closure devices and their application
- To gain knowledge concerning the pros and cons of each device
- To learn useful tips and tricks from high volume experienced operators

14:00 - 15:00

**IMAGING
LEARNING LAB**

Imaging
Imaging-based
Learning

**Cardiac magnetic resonance in
patients with mitral and
tricuspid valve disease**

Facilitators: P. Garg, T. Treibel

Join us if you want:

- To learn when to request a cardiac magnetic resonance scan for patients with mitral or tricuspid valve disease
- To understand how cardiac MRI can be used for procedural planning prior to mitral and tricuspid TEER

14:00 - 15:30

ROOM A

Abstracts

Featured research - Valves and beyond

Session comprising selected PCR London Valves 2024 Abstracts submissions

Facilitators: S. B C, P. Calvert

- Early results from a TTVR with the Trisol valve system
K. Goel
- Discussion and audience interaction
- Acurate vs. Evolut for treatment of Sievers type 1 bicuspid aortic valve stenosis: insights from ad hoc registry
A. Buono
- Discussion and audience interaction
- Long-term (>10 years) results of transcatheter mitral valve-in-valve implantation from MIVIV registry
E. Zancanaro
- Discussion and audience interaction
- Suture-mediated PFO closure: long-term outcomes and predictors of success
C. Gaspardone
- Discussion and audience interaction
- 15-year outcomes of PFO closure in cryptogenic embolism: insight from the PROLONG registry
C. Gaspardone
- Discussion and audience interaction
- LAA closure outcomes in patients with and without prior stroke
P. Zamora
- Discussion and audience interaction
- Impact of Intraprocedural guidance on PFO closure outcomes: insights from the PROLONG Registry
P. Costa
- Discussion and audience interaction
- Clinical outcomes of persistent vs. spontaneously closed iatrogenic atrial septal defects
N. Pyrryris
- Discussion and audience interaction
- Gender differences in peri-procedural outcomes of LAA occlusion
N. Pyrryris
- Discussion and audience interaction

14:00 - 15:30

ROOM B

Clinical Cases

Featured cases - TAVI coronary protection strategies (Part 3)

Session comprising selected PCR London Valves 2024 Clinical Cases submissions

Facilitators: M. Lee (Pending confirmation), C. Zukowski

- Sorting the post
C. Parikh
- Discussion and audience interaction
- Valve-in-valve TAVI: should we always protect the coronaries?
A. Damonte
- Discussion and audience interaction
- Navitor valve-in-valve in a degenerated TRIFECTA valve, with risk of left main artery obstruction
S. Tersegav
- Discussion and audience interaction
- The ultimate TAVI team
A. Olusan
- Discussion and audience interaction
- Orthotopic chimney stenting following valve-in-valve TAVI in a stenless bioprosthetic valve
G. Liccardo
- Discussion and audience interaction
- Valve-in-valve TAVI - Low coronary height
A. Olusan
- Discussion and audience interaction
- Discussion and audience interaction
- Post dilatation risk after self expanding TAVI
A. Damonte
- Discussion and audience interaction
- Snorkelling with a friend
H. Karamah
- Discussion and audience interaction

14:00 - 15:30



ROOM C

Clinical Cases

Featured cases - TAVI in bicuspid valve anatomy (Part 2)

Session comprising selected PCR London Valves 2024 Clinical Cases submissions

Facilitators: C. R. Agatiello, O. Wendler

- Not just a single issue!
H. El Shahawy
- Discussion and audience interaction
- TAVR in bicuspid type 0 with severe calcification
K. Bhummimuang
- Discussion and audience interaction
- Back to stenosis to improve results - TAVI in a bicuspid aortic valve
M. Birolì
- Discussion and audience interaction
- Tracking through tortuosity - TAVR in bicuspid aortic valve
S. Narasimhan
- Discussion and audience interaction
- TAVI case of supra annular sizing in bicuspid aortic valve
R. Kapoor
- Discussion and audience interaction
- Double sequential balloon inflation in high-risk bicuspid valve TAVI
J. Wilcox
- Discussion and audience interaction
- Utility of novel self-expanding transcatheter heart valve with active release mechanism in a type 1A bicuspid aortic valve
N. B. Senguttuvan
- Discussion and audience interaction

14:00 - 15:30



ROOM D

Clinical Cases

Featured cases - TAVI nightmares (Part 4)

Session comprising selected PCR London Valves 2024 Clinical Cases submissions

Facilitator: V. Gupta

- Tortuosity - Consider the length of the delivery system
O. Aldalati
- Discussion and audience interaction
- When treating one obstruction leads to another: a case series of suicide left ventricle after TAVI
L. Koliastasis
- Discussion and audience interaction
- Heart pounding complication in transcaval TAVI: a successful bailout story
Y. C. Chuang
- Discussion and audience interaction
- Management of contained aortic annular rupture following TAVI with a balloon-expandable valve
S. Pinel
- Discussion and audience interaction
- Suicide left and right ventricle during TAVI: how to approach
P. Dardas
- Discussion and audience interaction
- TAVI for aortic regurgitation complicated by type A aortic dissection
C. Lucarelli
- Discussion and audience interaction
- Management of a left ventricular pseudoaneurysm after a TAVR procedure
C. Witzke
- Discussion and audience interaction

14:00 - 15:30



ROOM E

Clinical Cases

Featured cases - Mitral valve-in-valve (Part 2)

Session comprising selected PCR London Valves 2024 Clinical Cases submissions

Facilitators: J. Joseph, E. Saadi

- Bailout for uncrossable atrial septum during percutaneous mitral valve in valve procedure
C. Dospinescu
- Discussion and audience interaction
- Balloon-assisted translocation of anterior mitral leaflet to facilitate native mitral replacement
G. Papadopoulos
- Discussion and audience interaction
- Mitral annular calcification - Patient-specific simulation case planning
J. S. Marques
- Discussion and audience interaction
- TMVR with laceration of the anterior mitral leaflet
A. Alharbi
- Discussion and audience interaction
- Laceration of a calcified anterior mitral leaflet to prevent outflow tract obstruction
C. Rohm
- Discussion and audience interaction
- TMVR with a single wire for continuous pressure monitoring and left ventricular pacing
A. Ruberti
- Discussion and audience interaction
- Discussion and audience interaction
- Mitral valve-in-valve-in-valve of a degenerated transcatheter in surgical bioprosthesis
M. F. Crociani
- Discussion and audience interaction
- Hybrid surgical and transcatheter technique to address a failed mitral bioprosthesis (SURPLUS)
W. Omar
- Discussion and audience interaction

14:00 - 15:30



ROOM F

Clinical Cases

Featured cases - TAVI in unusual anatomical situations

Session comprising selected PCR London Valves 2024 Clinical Cases submissions

Facilitators: W. K. Kim, D. Muir

- TAVI in bicuspid valve with membranous interventricular septum aneurysm
J. Yao
- Discussion and audience interaction
- Percutaneous approach to subaortic membrane
S. Shereef
- Discussion and audience interaction
- One year outcomes of transfemoral TAVR implantation for severe aortic regurgitation in dextrocardia
D. Hou
- Discussion and audience interaction
- Pure aortic regurgitation in a quadricuspid valve
M. Daghem
- Discussion and audience interaction
- Discussion and audience interaction
- Dual challenges: aortic coarctation and TAVI in a complex high-risk elderly patient
E. Arias
- Discussion and audience interaction
- India's first case of successful TAVR with Myval in Dextrocardia with heavily calcified bicuspid AV
R. Anantharaman
- Discussion and audience interaction
- Aortic subvalvular diverticulum with severe aortic stenosis
A. T. Ariza Mosquera
- Discussion and audience interaction
- One step at a time
A. Sherwen
- Discussion and audience interaction
- TAVR in a patient with quadricuspid aortic valve stenosis
A. Marrone
- Discussion and audience interaction

14:00 - 14:45



THE EXCHANGE

Clinical Cases

Rapid-Fire - Paravalvular leak closure

Session comprising selected PCR London Valves 2024 Clinical Cases submissions

Facilitators: A. Baumbach, A. Khan Niazi

- Second surgery was not enough: percutaneous treatment of a mitral paravalvular leak
T. Furquim
- Discussion and audience interaction
- Two are better than one
M. Abdelshafy
- Discussion and audience interaction
- Zero-contrast percutaneous closure of aortocavitary fistula
M. Abdelshafy
- Discussion and audience interaction
- Utilising aortic paravalvular defect as a neopathway for mitral paravalvular leak closure
M. Erturk
- Discussion and audience interaction
- Two valves and three paravalvular leaks closure using the coronary balloon technique
A. E. Ulutas
- Discussion and audience interaction
- It should be closed
Y. Sadek
- Discussion and audience interaction
- Interesting transcatheter paravalvular leak closure in a patient with repeated cardiac surgeries
E. Vavouranakis
- Discussion and audience interaction

14:50 - 15:35



THE EXCHANGE

Clinical Cases

Rapid-Fire - TAVI complications (Part 3)

Session comprising selected PCR London Valves 2024 Clinical Cases submissions

Facilitators: A. Khan Niazi (Pending confirmation), H. Mehta

- Valve embolisation - When everything goes wrong - When everything goes right
T. Furquim
- Discussion and audience interaction
- Parallel wiring - The benefit of reflective learning
O. Aldalati
- Discussion and audience interaction
- Management of balloon rupture and dissociation during TAVI
V. O. Baris
- Discussion and audience interaction
- Deformed valves : what risks are you prepared to take?
O. Aldalati
- Discussion and audience interaction
- Acute intraventricular migration of a transcatheter aortic valve prosthesis
D. Alexiou
- Discussion and audience interaction
- Oesophageal haematoma with hemothorax post-TAVI: a case report
Z. Hao
- Discussion and audience interaction
- Severe paravalvular leak right in the beginning of TAVI programme
I. Gogorishvili
- Discussion and audience interaction

15:35 - 15:45

ROOM 2 - THE FORUM

Ceremony



15:45 - 16:00

ROOM 2 - THE FORUM

Ceremony



EAPCI Awards Ceremony

Participants: A. Chieffo, M. Gilard, M. Saad

PCR London Valves 2024 Closing Ceremony

Participants: F. Maisano, N. Piazza, B. Prendergast, S. Redwood, N. Wunderlich



Detailed Sponsored Programme



17:20 - 18:50



MAIN ARENA

Symposium with
LIVE case



Leading innovation for patients with valvular heart disease

Sponsored by Edwards Lifesciences

Anchorperson: S. Dawkins
Spokespersons: R. Parma, N. Van Mieghem
Operators: T. Patterson, S. Redwood
Discussants: P. Bartko, V. Rudolph, F. Saia, G. Tarantini, J. Webb
Medical Coordinator: J. Martins

Join us if you want:

- To learn how latest generation of transcatheter heart valves can facilitate a contemporary lifetime management of patients with valvular heart diseases
 - To discuss the latest clinical outcomes data showing how transcatheter heart valves technologies enhance the quality of patient care
 - To appreciate how a portfolio of device options can be employed to treat a broad spectrum of valve anatomy
- › Welcome and session objectives
S. Dawkins
 - › A portfolio of options to treat patients with mitral and tricuspid regurgitation
P. Bartko, V. Rudolph
 - › Discussion and audience interaction
 - › Recorded case: transseptal mitral valve replacement with the SAPIEN M3 system
J. Webb
 - › The future of lifetime management
F. Saia
 - › Discussion and audience interaction
 - › Patient presentation
R. Parma
 - › Operator strategy
S. Dawkins
 - › LIVE Case from St. Thomas' Hospital - London, United Kingdom
 - › Session evaluation and key learnings
S. Dawkins

17:20 - 18:20



ROOM 2 - THE
FORUM

Symposium



Rendez-vous with Myval THV series and Landmark RCT

Sponsored by Meril Life

Anchorperson: N. Piazza
Spokesperson: A. Baumbach
Discussants: I. J. Amat-Santos, P. Freeman, R. S. Rao

Join us if you want:

- To learn about the novel Myval THV series, its key features, procedural and clinical benefits from the experts
 - To know more about the pivotal Landmark randomised controlled trial and its relevance in clinical practice
 - To discover clinical relevance of Intermediate and XL sizes in addressing large clinical unmet needs
 - To understand the strong relation between foreshortening and accurate deployment of transcatheter heart valve
- › Welcome and session objectives
A. Baumbach, N. Piazza
 - › Myval THV series design philosophy - Sizing, frame design and its impact on foreshortening, precise positioning, leading to accurate deployment
P. Freeman
 - › Landmark randomised controlled trial - Key findings and clinical concepts
I. J. Amat-Santos
 - › Discussion and audience interaction
 - › Matching prosthesis to patient - Clinical and practical relevance of intermediate sizes
A. Baumbach
 - › XL size relevance not as trivial as it seems - Sizing considerations
N. Piazza
 - › Discussion and audience interaction
 - › Relation between THV foreshortening and accurate deployment - The Pro effect
R. S. Rao
 - › Session evaluation and key learnings
A. Baumbach, N. Piazza

17:20 - 18:50

ROOM 3

Symposium with
Recorded case



Optimisation of your valve implantation to ensure lifelong outcomes using a novel self-expanding valve

Sponsored by Boston Scientific

Anchorperson: O. De Backer

Discussants: D. Hildick-Smith, R. Makkar, A. Rück, F. Sawaya

Join us if you want:

- To understand the importance of valve optimisation post implantation to secure acute and long-term outcomes
 - To understand the features and benefits of a novel self-expanding valve in the context of lifetime patient management
 - To learn the step-by-step implantation technique of a novel self-expanding valve
 - To discuss how different TAVI platforms perform when treating larger annuli and other complex patient subsets
- Welcome and session objectives
O. De Backer
 - Importance of valve implant optimisation to secure immediate and future outcomes / Insights from the IDE trial
R. Makkar
 - Clinical impact of frame underexpansion using a self-expanding transcatheter heart valve / European Experience
O. De Backer
 - Discussion and audience interaction
 - Clinical presentation and recorded case
A. Rück
 - Discussion and audience interaction
 - Different TAVI options in patients with large annuli
F. Sawaya
 - Discussion and audience interaction
 - Versatility of the ACURATE platform - Discussion
D. Hildick-Smith
 - Session evaluation and key learnings
O. De Backer

17:20 - 18:20

ROOM 4

Symposium with
Recorded case



Innovation never stops: Cardiovalve in action!

Sponsored by Venus MedTech

Anchorperson: D. Tchetché

Spokesperson: G. Nickenig

Discussants: S. Berti, F. De Marco, R. Estevez-Loureiro, X. Freixa

Join us if you want:

- To understand the anatomical and imaging challenges associated with transcatheter tricuspid valve replacement
 - To gain insights into the latest advances in this rapidly developing clinical field
 - To get an update on current developments in the Cardiovalve tricuspid clinical programme
- Welcome and session objectives
D. Tchetché
 - Cardiovalve tricuspid replacement system: latest clinical updates
G. Nickenig
 - Discussion and audience interaction
 - A happy wedding: recorded case
X. Freixa
 - Discussion and audience interaction
 - Transcatheter tricuspid valve replacement in rheumatic valve disease
F. De Marco
 - Discussion and audience interaction
 - Hot news in imaging: transcatheter tricuspid valve replacement using intracardiac echocardiographic guidance
S. Berti
 - Discussion and audience interaction
 - Rapid learning curve: a single-site experience
R. Estevez-Loureiro
 - Discussion and audience interaction
 - Session evaluation and key learnings
G. Nickenig

17:20 - 18:20



**SIMULATION
LEARNING
ROOM**

Simulation-based
Symposium



Unlocking the potential of mitral and tricuspid valves clipping

Sponsored by Abbott

Anchorperson: *F. Maisano*

Facilitators: *D. Arzamendi, T. Nestelberger, M. Swaans, M. Taramasso*

Discussants: *E. Heng, B. Kaufmann, C. H. Li*

Speaker: *A. Cook*

Join us if you want:

- To learn the morphology of TEER: understand the intricate structure of atrioventricular valves and discuss the associated treatment challenges
 - To learn about the safety and efficacy of TEER therapies: unlock the knowledge about the transcatheter solutions' safety profiles and effectiveness
 - To explore multidisciplinary approaches: discuss the benefits of multidisciplinary strategies in managing atrioventricular valve diseases
- Welcome and session objectives
F. Maisano
 - Case presentation
C. H. Li
 - Deep dive into tricuspid valve morphology
D. Arzamendi, A. Cook
 - Real-time clipping
M. Swaans, M. Taramasso
 - R&D discussion
 - Case presentation
D. Arzamendi, C. H. Li
 - Takeaways
E. Heng, F. Maisano
 - Case presentation
B. Kaufmann
 - Deep dive into mitral valve morphology
A. Cook, T. Nestelberger
 - Real-time clipping
M. Swaans, M. Taramasso
 - R&D discussion
 - Case presentation
B. Kaufmann, T. Nestelberger
 - Takeaways
E. Heng
 - Session evaluation and key learnings
F. Maisano



13:30 - 15:00

MAIN ARENA

Symposium with
LIVE case

A window into the future - Expanding horizons for patients with long life expectancy with the Evolut FX + TAVI system

Sponsored by Medtronic

Anchorperson: D. Blackman
Spokesperson: M. Barbanti
Operators: M. Adam, S. Baldus, E. Kuhn
Procedural Analyst: M. Abdel-Wahab
Discussants: M. Alkhalil, D. Dvir, M. Erlebach, T. Pilgrim, T. Rudolph
Medical Coordinator: I. Lianos

Join us if you want:

- To understand the key issues when considering TAVI in patients with long life expectancy
 - To learn the data on long-term outcomes and valve durability with different transcatheter valves
 - To understand the evidence for the treatment of women and patients with small annulus anatomy
 - To understand how to assess the feasibility of future redo-TAVI when performing TAVI in patients with long life-expectancy
- Welcome and session objectives
D. Blackman
 - Patient presentation
M. Barbanti
 - Data presentation: TAVI in small anatomy and women
T. Rudolph
 - Long-term outcomes after TAVI and durability
M. Alkhalil
 - Heart team discussion
 - Imaging analysis
M. Abdel-Wahab
 - Discussion and audience interaction
 - Novel technologies
D. Dvir
 - Operator strategy
M. Barbanti
 - LIVE Case from University Hospital of Cologne - Cologne, Germany
 - Debrief
M. Abdel-Wahab
 - Coronary access after TAVI
T. Pilgrim
 - Discussion and audience interaction
 - Session evaluation and key learnings
D. Blackman

13:30 - 14:40

ROOM 2 - THE
FORUM

Symposium



Tailoring tricuspid interventions with the EVOQUE and PASCAL Precision systems

Sponsored by Edwards Lifesciences

Anchorperson: J. Hausleiter
Spokesperson: D. Tchetché
Discussants: S. Dawkins, F. De Marco, H. Dreger, M. I. Koerber, M. Wild

Join us if you want:

- To understand when and how PASCAL is used to successfully treat a broad range of tricuspid regurgitation anatomies
 - To learn the key features of the PASCAL implant that contribute to successful procedural outcomes
 - To understand when and how EVOQUE can be used in patients who are ineligible for TEER
 - To appreciate how EVOQUE is superior to optimal medical therapy
- Welcome and session objectives
J. Hausleiter
 - Patient presentations: how would you treat?
F. De Marco
 - Discussion and audience interaction
 - Real world evidence: PASCAL Precision system for treatment of tricuspid regurgitation
M. Wild
 - Discussion and audience interaction
 - Patient selection and management strategies for the EVOQUE system
S. Dawkins, F. De Marco, H. Dreger
 - The EVOQUE system unveiled: simulation, imaging and case-based discussion
S. Dawkins, J. Hausleiter, M. I. Koerber
 - Discussion and audience interaction
 - Session evaluation and key learnings
D. Tchetché

13:30 - 14:15

ROOM 3

Symposium

**Cinch it if you can - Indirect annuloplasty for functional mitral regurgitation***Sponsored by Cardiac Dimensions***Anchorperson: N. Wunderlich**
Spokesperson: N. Newton
Discussants: V. Ninios, M. Swaans, M. Taramasso**Join us if you want:**

- To understand the importance of early treatment of secondary mitral regurgitation and the clinical benefits associated with left ventricular reverse remodeling
 - To hear the latest clinical evidence concerning indirect annuloplasty using the CARILLON device
 - To appreciate how indirect annuloplasty keeps all future treatment options open
 - To find out more about aFMR therapy options
- Welcome and session objectives
N. Wunderlich
 - Don't get stuck in habits - The EMPOWER trial
V. Ninios
 - Discussion and audience interaction
 - And if it's not the ventricle? Indirect annuloplasty in aFMR
M. Swaans
 - Discussion and audience interaction
 - Why you should start with indirect annuloplasty - My Carillon and remodeling experience
M. Taramasso
 - Discussion and audience interaction
 - Session evaluation and key learnings
N. Newton

13:30 - 15:00

ROOM 4

Symposium with Recorded case

**Align for the future with Myval THV series - From randomised trials to everyday clinical practice***Sponsored by Meril Life***Anchorperson: P. Serruys**
Spokesperson: A. Baumbach
Discussants: M. De Carlo, C. Gandolfo, S. Gunasekaran, C. Hengstenberg
Speakers: R. Anantharaman, A. Holzamer, A. Ielasi, R. Kapoor, R. S. Rao, A. Seth**Join us if you want:**

- To know more about pivotal Landmark randomised controlled trial and its relevance in clinical practice
 - To learn about the novel Myval Octapro THV - Key features, the procedural impact and potential clinical benefits.
 - To know the Octalign technique which enables predictable and precise commissural and coronary alignment thus preserving coronary access
 - To understand the technique of precise sizing, positioning and deployment of Myval THV series in real world clinical scenarios
- Welcome and session objectives
P. Serruys
 - Landmark randomised controlled trial - Key findings and clinical concepts
P. Serruys
 - Breaking barriers in TAVI: the unique features of the Myval THV series
A. Holzamer
 - Myval OctaPro THV - Science and design philosophy
A. Seth
 - Myval OctaPro recorded case - RHL Jaipur
R. S. Rao
 - Real world experience with Myval OctaPro
A. Ielasi
 - Real world experience with Myval OctaPro
R. Kapoor
 - Extraordinary TAVI using Myval OctaPro and Python BZ smart introducer
R. Anantharaman
 - Session evaluation and key learnings
P. Serruys

13:30 - 14:30

SIMULATION LEARNING ROOM

Simulation-based
Symposium


From index procedure to re-valving with a novel self-expanding valve

Sponsored by Boston Scientific

Anchorperson: C. Cook
Spokesperson: G. Tarantini
Facilitators: A. Beneduce, A. Khokhar
Speaker: H. Möllmann

Join us if you want:

- To understand the features and benefits of a novel self-expanding valve in the context of lifetime patient management
 - To learn how to use simulation to anticipate future treatment options
 - To appreciate how the choice of a TAVI platform can impact coronary access feasibility and re-do options
- Welcome and session objectives
C. Cook
 - Patient presentation
H. Möllmann
 - Recorded case
H. Möllmann
 - Discussion and audience interaction
 - Simulation on re-valving
A. Beneduce, C. Cook, A. Khokhar, G. Tarantini
 - Session evaluation and key learnings
G. Tarantini

14:20 - 15:05

ROOM 3

Imaging
Symposium


Mastering structural heart intervention with innovations in imaging

Sponsored by Siemens Healthineers

Anchorperson: V. Delgado
Spokesperson: A. Duncan
Discussants: O. De Backer, V. Rudolph, R. S. Von Bardeleben

Join us if you want:

- To understand how innovative multi-modality imaging techniques can facilitate complex mitral and tricuspid valve procedures
 - To learn how 4D ICE and CT/Fluoro fusion can improve procedural safety and efficiency
 - To hear the perspectives of experienced operators concerning the future of structural heart intervention
- Welcome and session objectives
V. Delgado
 - What's new in the assessment of mitral and tricuspid regurgitation?
V. Delgado
 - Innovations in fusion imaging for transcatheter mitral and tricuspid intervention
O. De Backer
 - Discussion and audience interaction
 - 4D intracardiac echocardiography: my best friend for transcatheter structural heart interventions
R. S. Von Bardeleben
 - A glimpse into the future of structural heart disease intervention
V. Rudolph
 - Discussion and audience interaction
 - Session evaluation and key learnings
A. Duncan

17:30 - 19:00



MAIN ARENA

Symposium with
Recorded case


RESHAPING the transcatheter treatment of mitral and tricuspid regurgitation

Sponsored by Abbott

Anchorperson: P. Lurz
Spokesperson: A. Asgar
Procedural Analyst: N. Ajmone Marsan
Discussants: M. Adamo, E. Donal, G. Filippatos, G. Nickenig, R. S. Von Bardeleben
Speakers: F. Kreidel, G. Leurent
Discussant (Connected remotely): S. Baldus
(Pending confirmation)

Join us if you want:

- To learn more about the outcomes of recent pivotal randomised clinical trials
 - To assess the impact of the RESHAPE, MATTERHORN and Tri.FR trial outcomes on your daily clinical practice
 - To anticipate future trends in the treatment of mitral and tricuspid valve disease
- Welcome and session objectives
P. Lurz
 - The RESHAPE trial – clinical outcomes and implications for clinical practice
P. Lurz, R. S. Von Bardeleben
 - Discussion and audience interaction
 - The MATTERHORN trial – Clinical outcomes and implications for clinical practice
A. Asgar, S. Baldus (Pending confirmation)
 - Discussion and audience interaction
 - Patient presentation
G. Leurent
 - Discussion and audience interaction
 - Recorded case
G. Leurent
 - Procedural analysis
N. Ajmone Marsan
 - Discussion and audience interaction
 - The Tri.FR trial – Clinical outcomes and implications for clinical practice
E. Donal, P. Lurz
 - Discussion and audience interaction
 - Patient presentation
F. Kreidel
 - Discussion and audience interaction
 - Case resolution
F. Kreidel
 - Session evaluation and key learnings
N. Ajmone Marsan, A. Asgar

17:30 - 18:30



ROOM 2 - THE FORUM

Symposium



The many faces of complex TAVI

Sponsored by Medtronic

Anchorperson: O. De Backer
Facilitators: I. J. Amat-Santos, H. Danenberg, A. Mcinerney

Join us if you want:

- To appreciate the importance of device choice and implantation technique in complex TAVI procedures
 - To learn how to anticipate the challenges of implanting a bicuspid valve, valve-in-valve, burdensome access
 - To discern the latest technological evolutions for treating patients with complex anatomies
- Welcome and session objectives
O. De Backer
 - Case example 1: Challenging accesses/aorta
O. De Backer, A. Mcinerney
 - Discussion and audience interaction
 - Case example 2: Challenging bicuspid aortic stenosis
I. J. Amat-Santos, H. Danenberg
 - Discussion and audience interaction
 - FX+ device with new features and benefits
H. Danenberg
 - Case example 3
H. Danenberg
 - Discussion and audience interaction
 - Session evaluation and key learnings
O. De Backer

17:30 - 18:30

ROOM 3

Symposium with
Recorded case


TAVR implantation techniques: are they the same for all self-expanding TAV platforms?

Sponsored by Sahajanand Medical Technologies (SMT)

Anchorperson: G. Bieliauskas

Spokesperson: J. Iqbal

Discussants: I. Cruz-Gonzalez, A. Ielasi, H. Mehta, N. B. Senguttuvan, A. Sonawane, G. Tarantini

Join us if you want:

- To know more about the differences between currently available self-expanding TAVI platforms
- To discuss the pros and cons of these different platforms and how these influence device selection
- To acquire tips and tricks that will be helpful when tackling different anatomical challenges

➤ Welcome and session objectives

G. Bieliauskas

➤ Hydra case series

G. Bieliauskas

➤ Discussion and audience interaction

➤ Case presentation: patient with aortic stenosis and a bicuspid valve

N. B. Senguttuvan

➤ Discussion and audience interaction

➤ Case presentation: patient undergoing valve-in-valve TAVI

J. Iqbal

➤ Discussion and audience interaction

➤ Session evaluation and key learnings

J. Iqbal

17:30 - 19:00

ROOM 4

Symposium with
Recorded case


New frontiers in TAVI: have we reached them?

Sponsored by Edwards Lifesciences

Anchorperson: V. Delgado

Spokesperson: B. Prendergast

Discussants: H. Eltchaninoff, P. Genereux, J. Mascherbauer, M. Nicotera, P. Pibarot, H. Treede

Join us if you want:

- To discover the results of the latest randomised clinical trials in TAVI: EARLY TAVR and RHEIA
- To learn how these new data may impact clinical practice guidelines
- To discuss what will be the new frontiers in TAVI including the treatment of patients with bicuspid aortic valve and moderate aortic stenosis

➤ Welcome and session objectives

V. Delgado

➤ EARLY TAVR: what you need to know

P. Genereux

➤ How will the EARLY TAVR findings impact on clinical guidelines?

H. Treede

➤ New frontiers in asymptomatic patients: case examples

J. Mascherbauer

➤ Discussion and audience interaction

➤ RHEIA: what you need to know

H. Eltchaninoff

➤ How will the RHEIA findings impact on clinical guidelines?

H. Treede

➤ New frontiers in female patients: case examples

M. Nicotera

➤ Discussion and audience interaction

➤ What are the unmet clinical needs in TAVI?

P. Pibarot

➤ Discussion and audience interaction

➤ Session evaluation and key learnings

V. Delgado, B. Prendergast

11:05 - 12:35

MAIN ARENA

Symposium with
LIVE case



Align for the future with the novel balloon expandable Myval transcatheter heart valve series

Sponsored by Meril Life

Anchorperson: N. Piazza

Spokesperson: A. Seth

Operators: N. Dumonteil, D. Tchetché

Procedural Analyst: M. Chopra

Discussants: F. Bedogni, F. Feres, P.

Freeman, O. C. Raffel

Medical Coordinator: O. Chehab

Speakers: N. Joshi, P. Serruys, U. Zeymer

Join us if you want:

- To learn from the experts best-in-the-class TAVI practice: pre-procedural (Imaging, sizing rationale, treatment strategy), procedural tips and tricks and post-procedural management
 - To know more about pivotal Landmark randomised controlled trial and its relevance in clinical practice
 - To discover about the novel Myval Octapro THV - Key features, the procedural impact and potential clinical benefits
- Welcome
N. Piazza
 - Landmark randomised controlled trial - Key findings and clinical concepts
P. Serruys
 - Patient presentation
A. Seth
 - Patient CT analysis - Interactive
M. Chopra
 - Heart team discussion
 - Operator strategy
N. Piazza
 - Myval OctaPro THV - Science and design philosophy
U. Zeymer
 - LIVE Case from Clinique Pasteur - Toulouse, France
 - Real world experience with Myval OctaPro
N. Joshi
 - Session evaluation and key learnings
N. Piazza

11:05 - 12:05

ROOM 2 - THE FORUM

Symposium with
Recorded case



Pushing the boundaries to optimise patient outcomes: from planning to success

Supported by Abbott

Facilitators: M. Akodad, O. De Backer, L. Testa

Discussants: R. Dworakowski, H. Möllmann, T. Patterson, T. Walther

Join us if you want:

- To know more about the factors that determine the best possible TAVI outcomes in a variety of anatomical situations
 - To understand how a tailored approach can help to address the lifetime management needs of individual patients
 - To acquire useful tips and tricks from high volume experienced operators
- Welcome and session objectives
L. Testa
 - Important topics in the contemporary management of severe aortic valve stenosis
O. De Backer, H. Möllmann, T. Patterson, T. Walther
 - Simulation of coronary access
M. Akodad
 - Case overview
R. Dworakowski
 - Recorded case
R. Dworakowski
 - Navitor Vision and the 35mm valve: advantages, tips and tricks
 - Session evaluation and key learnings
O. De Backer

11:05 - 11:50

ROOM 3

Symposium



TAVI for pure aortic regurgitation with a dedicated CE-mark device: an underdiagnosed and undertreated disease

Sponsored by JenaValve Technology

Anchorperson: A. Baumbach
Spokesperson: D. Blackman
Discussants: M. Abdel-Wahab, M. Garbi, H. Treede

Join us if you want:

- To learn how to improve the treatment of aortic regurgitation, a disease that is underdiagnosed and undertreated
 - To learn about TAVI for aortic regurgitation
 - To explore the future of TAVI for aortic regurgitation
- Welcome and session objectives
A. Baumbach
 - Aortic regurgitation: unmet needs
M. Garbi
 - Discussion and audience interaction
 - Performance of a dedicated TAVI device for aortic regurgitation
H. Treede
 - Discussion and audience interaction
 - TAVI for aortic regurgitation – Where we are now and what the future holds
M. Abdel-Wahab
 - Discussion and audience interaction
 - Session evaluation and key learnings
D. Blackman

11:05 - 12:05

SIMULATION
LEARNING
ROOM

Simulation-based
Symposium



Transforming interventional care for patients with mitral regurgitation: simulation and case-based learning

Sponsored by Edwards Lifesciences

Anchorperson: P. Lurz
Spokesperson: W. Rottbauer
Discussants: E. Heng, A. A. Mahabadi, A. Mangieri, M. Mullen, T. Noack, A. Rdzanek, C. Walther

Join us if you want:

- To understand when and how the PASCAL implants may be used for successful treatment of mitral regurgitation in a broad range of anatomical situations
 - To learn more about the key features of the PASCAL Precision system that facilitate the mitral TEER procedure and contribute to successful clinical outcomes
 - To raise awareness of SAPIEN M3, a TMVR device for patients who are unsuitable for TEER
- Welcome and session objectives
P. Lurz
 - Get where you want with PASCAL Precision system maneuverability
E. Heng, A. Mangieri
 - Discussion and audience interaction
 - Seeing is believing: predictable implant release with the PASCAL Precision system
A. A. Mahabadi, A. Rdzanek
 - Discussion and audience interaction
 - Indirect annuloplasty effect of the PASCAL implants
T. Noack, C. Walther
 - Discussion and audience interaction
 - Key learnings and transition to mitral valve replacement
W. Rottbauer
 - Transseptal mitral valve replacement with the SAPIEN M3 system: case presentation
M. Mullen

12:15 - 13:15



ROOM 2 - THE FORUM

Symposium



Lunchbox



Optimising TAVI for bicuspid aortic stenosis: experience with a novel self-expanding system

Sponsored by MicroPort

Facilitators: I. J. Amat-Santos, O. De Backer, A. Mcinerney, M. Szejfman
Discussant: M. Chen

Join us if you want:

- To learn more about the latest developments in the transcatheter treatment of bicuspid aortic stenosis
 - To discuss the procedural steps needed to treat bicuspid aortic stenosis with self-expanding devices
 - To review a step-by-step implant of the VitaFlow TAVI system in bicuspid aortic stenosis
- Welcome and session objectives
O. De Backer
 - The latest trial results and experience in bicuspid patient
M. Chen
 - Discussion and audience interaction
 - My top tips for treating bicuspid aortic stenosis with self-expanding valves
M. Szejfman
 - Discussion and audience interaction
 - Latest clinical outcomes with the VitaFlow Liberty valve
A. Mcinerney
 - Discussion and audience interaction
 - A real bicuspid case demonstration
O. De Backer
 - Discussion and audience interaction
 - Session evaluation and key learnings
O. De Backer

12:15 - 13:15



ROOM 3

Symposium with Recorded case



Lunchbox



Zero-contrast TAVI while using a novel full-body embolic protection filter

Sponsored by Emboline, Inc.

Anchorperson: T. Nazif
Spokesperson: A. Abizaid
Discussants: L. Conradi, F. De Brito Jr, W. K. Kim, H. Möllmann

Join us if you want:

- To understand the clinical scenarios where a zero-contrast TAVI protocol should be considered
 - To learn how to perform a zero-contrast TAVI procedure
 - To know more about a novel, full-body embolic protection filter for use during transcatheter interventions
- Welcome and session objectives
T. Nazif
 - Zero contrast TAVI and recommendations for use of embolic protection
A. Abizaid
 - Design features of a novel, full-body embolic protection filter
H. Möllmann
 - A zero-contrast TAVI procedure with full body embolic protection
F. De Brito Jr
 - Case discussion
 - Session evaluation and key learnings
T. Nazif

12:15 - 13:15



ROOM 4

Symposium with
Recorded case



Lunchbox



A dedicated TAVI valve for aortic regurgitation: the J-VALVE solution

Sponsored by Genesis MedTech

Anchorperson: *S. C. C. Lam*

Spokesperson: *D. Hou*

Discussants: *M. Lee, L. Wei*

Join us if you want:

- To learn the 30-day outcomes of a novel TAVI device for aortic regurgitation
 - To learn how a novel TAVI device with automatic anchoring mechanism for aortic regurgitation works
 - To learn how left ventricular remodeling happens in aortic regurgitation after implantation of a novel TAVI device for aortic regurgitation
- Welcome and session objectives
S. C. C. Lam
 - 30-day outcomes of J-VALVE transfemoral for chronic aortic regurgitation: a prospective, multicenter study in 127 cases
L. Wei
 - Discussion and audience interaction
 - 10-year outcomes of transapical J-VALVE for aortic regurgitation and stenosis
Y. Guo
 - Discussion and audience interaction
 - Recorded cases sharing with J-VALVE
D. Hou
 - Discussion and audience interaction
 - Session evaluation and key learnings
S. C. C. Lam

