



7-9 February 2025 Tokyo



Course Programme

Tokyo time (UTC+9)

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14:00 - 15:00



ROOM LONDON

Case-based
Discussion

Mastering techniques from basic to complex - Imaging for aortic stenosis

Facilitators: Y. Ohno, B. Prendergast

Join us if you want:

- To understand the impact of moderate stenosis and cardiac damage
 - To learn the essential elements of TAVI CT analysis
 - To discuss pitfalls of transfemoral TAVI and how to optimise valve expansion
- Welcome and session objectives
Y. Ohno
 - Moderate aortic stenosis and cardiac damage
S. H. Ewe
 - Discussion and audience interaction
 - Importance of multislice CT analysis - Fundamental measurements
Y. Watanabe
 - Discussion and audience interaction
 - Challenging transfemoral access
W. H. Yin
 - Discussion and audience interaction
 - Pre and post-dilatation: when and how
D. Walters
 - Discussion and audience interaction
 - Session evaluation and key learnings
B. Prendergast

15:10 - 16:10



ROOM LONDON

Case-based
Discussion

Mastering techniques from basic to complex - TAVI basics

Facilitators: S. C. C. Lam, B. Prendergast

Join us if you want:

- To understand the impact of commissural alignment and how to achieve it
 - To learn how to mitigate the risk of coronary occlusion during TAVI
 - To discuss how to manage unexpected hypotension during TAVI
- Welcome and session objectives
B. Prendergast
 - Commissural alignment
G. Attizzani
 - Discussion and audience interaction
 - Coronary occlusion: avoidance and management
R. Parma
 - Discussion and audience interaction
 - BASILICA in five minutes
N. Kamioka
 - Discussion and audience interaction
 - Managing hypotension
J. Hon
 - Discussion and audience interaction
 - Session evaluation and key learnings
S. C. C. Lam

14:00 - 15:00



ROOM TAIPEI

Case-based
Discussion

Mastering techniques from basic to complex - Mitral regurgitation diagnosis and suitability for TEER

Facilitators: K. Hayashida, D. Tchetché

Join us if you want:

- To learn the anatomy of mitral valve and suitability for M-TEER
 - To learn the up-to-date clinical data on M-TEER
- Welcome and session objectives
D. Tchetché
 - TEE: mitral regurgitation assessment: suitability for TEER
A. Lee
 - Discussion and audience interaction
 - CT: mitral regurgitation assessment: suitability for TEER
A. Sugiura
 - Discussion and audience interaction
 - Clinical scenarios to consider TEER
W. C. W. Lee
 - Discussion and audience interaction
 - TEER: RCTs that impact your clinical practice (COAPT/MITRA-FR/RESHAPE-2)
M. Saji
 - Discussion and audience interaction
 - Session evaluation and key learnings
K. Hayashida

15:10 - 16:10



ROOM TAIPEI

Case-based
Discussion

Mastering techniques from basic to complex - TEER for functional mitral regurgitation

Facilitators: S. H. Sung, M. Swaans

Join us if you want:

- To understand the anatomical challenges of functional mitral regurgitation
 - To acquire the key steps of TEER for functional mitral regurgitation
 - To discuss procedural tips and tricks in difficult situations
- Welcome and session objectives
S. H. Sung
 - AFMR vs. VFMR: both good indication for TEER?
M. Amaki
 - Discussion and audience interaction
 - Concomitant significant tricuspid regurgitation: my strategy
S. H. Ewe
 - Discussion and audience interaction
 - TEER result assessment
M. Izumo
 - Discussion and audience interaction
 - Need another device?
Y. Y. Lam
 - Discussion and audience interaction
 - Session evaluation and key learnings
M. Swaans

16:20 - 17:20



ROOM LONDON

Case-based
Discussion

Mastering techniques from basic to complex - Complex scenarios

Facilitators: Y. Ohno, B. Prendergast

Join us if you want:

- To understand the challenges of TAV-in-TAV procedures and new terminologies
- To discuss how to mitigate risk of conduction disturbance after TAVI
- To learn how to prepare for vascular bleeding complications and manage them successfully

- Welcome and session objectives
B. Prendergast
- TAV-in-TAV: a new language
K. Poon
- Discussion and audience interaction
- Conduction disturbance: optimal management
K. Ishizu
- Discussion and audience interaction
- Access-site bleeding
M. Chandavimol
- Discussion and audience interaction
- Post-TAVI care
M. Asami
- Discussion and audience interaction
- Session evaluation and key learnings
Y. Ohno

17:30 - 18:30



ROOM TAIPEI

Symposium



Mastering excellence: from valve selection to optimal outcomes with the Evolut TAVI system

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

16:20 - 17:20



ROOM TAIPEI

Case-based
Discussion

Mastering techniques from basic to complex - TEER for degenerative mitral regurgitation and complex situations

Facilitators: K. Hayashida, D. Tchetché

Join us if you want:

- To understand the anatomical challenges of degenerative mitral regurgitation
- To acquire the key steps of TEER for degenerative mitral regurgitation
- To discuss procedural tips and tricks in complex situations

- Welcome and session objectives
K. Hayashida
- MitraClip vs. PASCAL for degenerative mitral regurgitation – My approach
H. Tsuruta
- Discussion and audience interaction
- Managing commissural mitral regurgitation and chordal entanglement
S. Kubo
- Discussion and audience interaction
- Single leaflet device attachment
S. C. C. Lam
- Discussion and audience interaction
- Redo TEER
M. Saji
- Discussion and audience interaction
- Session evaluation and key learnings
D. Tchetché

08:30 - 10:00



ROOM TOKYO

LIVE Educational
Case



Transcatheter options for degenerated surgical aortic valves: LIVE Educational Case from Keio University Hospital - Tokyo, Japan

Anchorperson: B. Prendergast
Spokesperson: Y. Ohno
Operators: K. Hayashida, J. Iwata
Procedural Analyst: T. Kaneko
Discussants: V. Bapat, J. Fajadet, S. C. C. Lam, S. Saito, D. Tchetché
Discussant in the cathlab: M. Yamamoto
Medical Coordinator: J. Miyamoto
Medical Coordinator in the cathlab: R. Arita

Join us if you want:

- To approach the inherent risks of TAVI for failed surgical aortic valves
- To discuss the THV options for valve-in-valve
- To capture the procedural challenges of valve-in-valve
- Welcome and session objectives
B. Prendergast
- Patient presentation
Y. Ohno
- Imaging Analysis
T. Kaneko
- Heart team discussion
- Operator strategy
B. Prendergast
- LIVE Case procedure
- Debriefing
T. Kaneko
- Key learnings
B. Prendergast

08:30 - 10:00



ROOM LONDON

Case-based
Discussion

TAVI in bicuspid anatomy

Anchorperson: M. Lee
Spokesperson: F. Yamanaka
Discussants: A. B. Gopalapurugan, D. Hachinohe, K. Maeda, W. H. Yin

Join us if you want:

- To understand the latest evidence of TAVI in bicuspid patients
- To discuss the choice of prosthetic valve type in bicuspid aortic valve anatomy
- To learn some tips and tricks for TAVI in patients with bicuspid aortic valve
- Welcome and session objectives
M. Lee
- Overview of the current devices
R. Parma
- Discussion and audience interaction
- Procedural planning: contemporary valve choice and sizing method
T. Okuno
- Discussion and audience interaction
- TAVI in bicuspid aortic valve using balloon-expanding valve
K. Poon
- Discussion and audience interaction
- TAVI in bicuspid aortic valve using self-expanding valve
T. Sakamoto
- Discussion and audience interaction
- Session evaluation and key learnings
F. Yamanaka

08:30 - 10:00



ROOM TAIPEI

Case-based
Discussion

M-TEER for primary mitral regurgitation

Anchorperson: S. Kubo

Spokesperson: A. Lee

Discussants: S. Kuwata, S. Satish, P. Sorajja, G. Tang

Join us if you want:

- To capture the features of current TEER device for primary mitral regurgitation
 - To learn how to prevent mitral regurgitation recurrence after TEER for primary mitral regurgitation
 - To discuss anatomical criteria for TEER device selection in central and non-central mitral regurgitation
- Welcome and session objectives
S. Kubo
 - Current TEER device overview for primary mitral regurgitation
M. Saji
 - Discussion and audience interaction
 - Case 1-2: Mitral regurgitation recurrence cases
A. Isotani
 - Discussion and audience interaction
 - Case 3: Primary mitral regurgitation with MitraClip
S. H. Sung
 - Discussion and audience interaction
 - Case 3: Primary mitral regurgitation with MitraClip - Procedure and result
S. H. Sung
 - Case 4: Primary mitral regurgitation with PASCAL
M. Amaki
 - Discussion and audience interaction
 - Case 4: Primary mitral regurgitation with PASCAL - Procedure and result
M. Amaki
 - Session evaluation and key learnings
A. Lee

08:30 - 10:00



ROOM NEW
DELHI

Abstracts

M-TEER around the world

Facilitators: J. Yamaghuchi, F. Zahr

Discussants: A. Kataoka, S. Mizuno, T. Shimura, R. Singh Rao

- OCEAN-SCORE: a new anatomical risk score for procedural outcome prediction after transcatheter edge-to-edge mitral repair
A. Sugiura
- Discussion and audience interaction
- Two-year outcomes of mitral transcatheter edge-to-edge repair from the MiCLASP study
T. Geisler
- Discussion and audience interaction
- Regurgitant volume to left atrial volume ratio and outcomes in patients with ventricular functional mitral regurgitation who underwent transcatheter edge-to-edge repair: OCEAN-Mitral registry
M. Yoshikawa
- Discussion and audience interaction
- Incidence, outcomes, and predictors of non-home discharge in patients undergoing mitral valve edge-to-edge repair: insights from OCEAN-Mitral registry
T. Shimura
- Discussion and audience interaction
- Hospital resource utilisation before and after mitral valve transcatheter edge-to-edge repair
T. Shimura
- Discussion and audience interaction
- Clinical impact of baseline frailty status and residual mitral regurgitation after transcatheter edge-to-edge repair: insights from the OCEAN-Mitral registry
T. Tokuda
- Discussion and audience interaction

08:30 - 10:00



ROOM SYDNEY

Abstracts

TAVI complications

Facilitators: T. Ochiai, D. Roy
Discussants: P. Chiam, Y. Fuku, F. E. Posas, I. Takamisawa

- Haemolytic anaemia after TAVI using the fifth-generation balloon-expandable valves
S. Kurashima
- Discussion and audience interaction
- The serum haemoglobin to creatinine ratio predicts one-year adverse outcomes in patients undergoing TAVI
A. Ikuta
- Discussion and audience interaction
- In-hospital outcome of transcatheter aortic valve replacement
N. Satomi
- Discussion and audience interaction
- From asymptomatic to crisis: a case study of prosthetic valve endocarditis following TAVR and its resolution
M. C. Pobre-Madriaga
- Discussion and audience interaction
- Diastolic dysfunction measured by the E/e ratio on echocardiogram before transcatheter aortic valve implantation as predictor of acute kidney injury in patients with severe aortic stenosis
A. Mendez Rodriguez
- Discussion and audience interaction
- Effectiveness of cerebral embolic protection in reducing stroke during TAVR in high-risk patients
J. J. Cha
- Discussion and audience interaction
- Sex-based outcomes following transcatheter aortic valve replacement in Arab patients: a retrospective cohort analysis
A. Al Kindi
- Discussion and audience interaction
- Aortic valve implantation in the management of aortic stenosis
J. Yap
- Discussion and audience interaction

08:30 - 09:15



THE EXCHANGE

Clinical Cases

M-TEER difficult situation

Facilitators: S. H. Ewe, T. Morikawa
Discussants: G. R. Hong, S. Ono

- Percutaneous mitral edge-to-edge repair for extremely small mitral valve after restrictive mitral annuloplasty
R. Shigeno
- Discussion and audience interaction
- M-TEER for a P2 prolapse case; P2 primarily supported by chordae from the PPM
S. Shiba
- Discussion and audience interaction
- A case of transcatheter edge-to-edge repair for degenerative mitral regurgitation with a wide prolapse involving P2 and 3
T. Dotare
- Discussion and audience interaction
- Transcatheter edge-to-edge repair for radiotherapy-related mitral regurgitation
G. Kawamura
- Discussion and audience interaction
- A successful case of mitral transcatheter edge-to-edge repair with the PASCAL P10 for atrial functional mitral regurgitation with leaflet degeneration
S. Sakata
- Discussion and audience interaction
- Transcatheter edge-to-edge repair for mitral regurgitation with membranous chordae
H. Sato
- Discussion and audience interaction

08:30 - 10:00



ECHO & CT
HANDS ON LAB -
ROOM 1

Imaging

Simulation-based
Learning

Hands-on TEE workshop for mitral valve: pre-procedural 3D analysis

This session has been made possible thanks to the kind support of GE Healthcare and Philips

Facilitators: M. Izumo, D. Miyahara, H. Tsunamoto

Join us if you want:

- To understand how to evaluate the anatomy of mitral valve via 3D-multi-planar reconstruction
- To learn how to consider procedural planning of M-TEER

08:30 - 10:00

ECHO & CT
HANDS ON LAB -
ROOM 2

Simulation-based
Learning

Hands-on CT workshop TAVI for native aortic valve

This session has been made possible thanks to the kind support of Canon Medical.

Facilitators: H. Hioki, K. Ishizu, H. Tajima

Join us if you want:

- To learn the basics of TAVI
- To know how to use the 3mensio
- To learn how to measure aortic valve complex before TAVI

10:30 - 11:30

ROOM TOKYO

Hot line / Late-
Breaking Trials



Late-Breaking Trial session

Anchorperson: J. Fajadet

Spokesperson: M. Tabata

Discussants: T. Imamura, T. Ochiai, T. Okuno, D. W. Park, S. Saito, G. Tang

- AltaValve early feasibility updates
T. Kaneko
- Discussion and audience interaction
- In-hospital outcomes after surgical treatment vs. percutaneous intervention in patients with aortic stenosis concomitant coronary artery disease from JROAD-DPC data
K. Takagi
- Discussion and audience interaction
- Procedural results and early safety of M-TEER using the PASCAL device
Y. Enta
- Discussion and audience interaction
- Early outcomes with latest generation TAVI valves in women population – Insights from LANDMARK trial
I. J. Amat-Santos
- Discussion and audience interaction
- Impact of basal septal bulge on conduction disturbance after TAVI
Y. Sugiyama
- Discussion and audience interaction

09:15 - 10:00

THE EXCHANGE

Clinical Cases

TAVI complications cases - Part 1

Facilitators: H. S. Kim, K. Takagi

Discussants: K. Ho, N. Wongpraparut, K. Yamasaki, K. Zen

- Bailout implantation of an embolised self-expandable transcatheter heart valve in the ascending aorta using self-expandable valves
E. Horio
- Discussion and audience interaction
- A case of ascending aortic dissection after Evolut FX implantation
T. Kamon
- Discussion and audience interaction
- Double disaster
- Discussion and audience interaction
- A case of coronary embolisation due to leaflet and valsalva thrombosis at short time after TAVI
T. Yasuo
- Discussion and audience interaction
- Cardiac tamponade in transcatheter aortic valve implantation
- Discussion and audience interaction
- TAVR annular rupture and CAD in self-contained scenario
- Discussion and audience interaction

10:00 - 10:20

ROOM TOKYO

Ceremony



Welcome Ceremony

Participants: J. Fajadet, Y. Ohno, B. Prendergast, D. Tchetché

10:30 - 11:30



ROOM LONDON

Imaging
Case-based
Discussion

Basic imaging and procedural steps for T-TEER

Anchorperson: A. Lee
Spokesperson: Y. Ohno
Discussants: S. H. Ewe, K. Meemook, A. Sugiura, M. Swaans

Join us if you want:

- To understand the basic anatomy and mechanism for procedural planning
 - To learn how to image the tricuspid valve during T-TEER
 - To gain insights into the procedural steps involved in T-TEER
- Welcome and session objectives
A. Lee
 - Tricuspid regurgitation
M. Swaans
 - Discussion and audience interaction
 - Imaging the tricuspid valve with TEE during T-TEER
S. H. Ewe
 - Discussion and audience interaction
 - How to image the tricuspid valve with 3D intracardiac echocardiogram/echocardiography?
A. Lee
 - Discussion and audience interaction
 - Case demo: T-TEER
A. Sugiura
 - Discussion and audience interaction
 - Session evaluation and key learnings
Y. Ohno

10:30 - 11:30



ROOM TAIPEI

Case-based
Discussion



TAVI unplugged: multidisciplinary insights on roles and teamwork

Anchorperson: T. Tsunaki
Spokesperson: K. Ishizu
Discussants: Y. Hachiuma, N. Hosoda, T. Nakamura, M. Sago, K. Taninobu, H. Yukari

Join us if you want:

- To learn practical knowledge about the importance of multidisciplinary collaboration, focusing on the roles of nurses and radiologists in the preoperative and intraoperative phases of TAVI
 - To discuss various professional perspectives by analysing live TAVI procedure videos
 - To share valuable insights and experiences to strengthen collaboration within the TAVI team
 - To gain a deeper understanding of how coordinated efforts across professions ensure the success of TAVI procedures, fostering mutual respect and teamwork
- Welcome and session objectives
T. Tsunaki
 - Preoperative and intraoperative roles and support of radiology
N. Aida
 - Discussion and audience interaction
 - TAVI Recorded Case
K. Ishizu
 - Discussion and audience interaction
 - Preoperative and intraoperative roles and support of nurses
K. Takei
 - Discussion and audience interaction
 - Session evaluation and key learnings
K. Ishizu

10:30 - 11:30

ROOM NEW
DELHI

Abstracts



The 2025 top Japanese abstracts

Facilitators: Y. Fuku, S. Okazaki
Discussants: H. Irie, M. Miyasaka, J. Yamaghuchi, F. Yashima

- Impact of billowing on treatment outcomes in secondary mitral regurgitation following percutaneous mitral valve repair
Y. Gatate
- Discussion and audience interaction
- Severity of thinness amplifies mortality risk in TAVR patients
K. Handa
- Discussion and audience interaction
- The clinical characteristics and prognostic impact of the severity of delirium undergoing TAVI
T. Suenaga
- Discussion and audience interaction
- Transjugular intracardiac echocardiography-guided TAVI of intra-annular self-expandable valves
T. Murakai
- Discussion and audience interaction
- Impact of cognitive impairment on long-term outcomes after TAVI
N. Miyawaki
- Discussion and audience interaction
- Comparison of the 20mm SAPIEN 3 Ultra Resilia in patients with small aortic annuli: evaluating against the 20mm SAPIEN 3 and 23mm Evolut valves
Y. Kozai
- Discussion and audience interaction

10:30 - 11:30

ROOM SYDNEY

Clinical Cases

TAV-in-SAV - Part 1

Facilitators: N. Tada, D. Walters
Discussants: M. Chandavimol, P. Chandra, N. Kamioka, K. Maeda

- Valve-in-valve TAVI in a patient with structural valve deterioration of a small aortic prosthesis
Y. Ueno
- Discussion and audience interaction
- A successful case of balloon-assisted BASILICA for TAV-in-TAV
N. Moriyama
- Discussion and audience interaction
- TAVI after valve sparing aortic replacement
I. Hadzibegovic
- Discussion and audience interaction
- A case of successful valve-in-valve TAVR with BVF in surgical valve failure patient
Y. Choi
- Discussion and audience interaction
- TC-TAVR approach in case failing TF-TAVR
E. Ko
- Discussion and audience interaction

10:30 - 11:30

THE EXCHANGE

Clinical Cases

TAVI access issues

Facilitators: K. Matsushita, J. Yap
Discussants: J. Hon, J. E. Sia

- A one-step operation of transcatheter aortic valve replacement and patent ductus arteriosus occlusion
C. Zhang
- Discussion and audience interaction
- A bailout case of transfemoral TAVI through severe bending and calcified aorta
R. Yoshida
- Discussion and audience interaction
- Hostile peripheral anatomy: the role of transcaval access
J. J. Wong
- Discussion and audience interaction
- Successful TAVI via right subclavian artery in a patient with chronic type A aortic dissection
Y. Hori
- Discussion and audience interaction
- Emergency transcatheter aortic valve replacement with mechanical support
A. Yoshida
- Discussion and audience interaction
- Effective use of internal endoconduit technique for navigating complex iliac anatomy in TAVI
S. Nakawatase
- Discussion and audience interaction
- TAVI via right internal carotid approach in a patient with right middle cerebral artery occlusion
K. Nishioka
- Discussion and audience interaction

10:30 - 11:30

ECHO & CT
HANDS ON LAB -
ROOM 1

Imaging
Simulation-based
Learning

Hands-on TTE workshop for 3D-TTE of mitral valve

This session has been made possible thanks to the kind support of GE Healthcare.

Facilitators: T. Maruo, T. Sunada, M. Toki

Join us if you want:

- To learn how to render 3D-TTE imaging of mitral valve
- To learn how to analyse the mitral valve via 3D-multi-planar reconstruction
- To learn the role of TTE for supporting mitral valve intervention

10:30 - 11:30

ECHO & CT
HANDS ON LAB -
ROOM 2

Simulation-based
Learning

Breakthrough 4D ICE imaging: a hands-on approach to structural heart disease

This session has been made possible thanks to the kind support of Siemens Healthineers

Facilitator: M. Fukunaga

11:50 - 13:20

ROOM TOKYO

Symposium



How to optimise the patient outcomes - Key considerations for the small body population

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

11:50 - 13:20

ROOM LONDON

Symposium



Maximising the potential of MitraClip in TEER therapy

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

11:50 - 13:20

ROOM NEW
DELHI

Clinical Cases

Challenging situations in M-TEER

Facilitator: G. Tang

Discussants: N. Kagiya, D. Muller, M. Saigan, C. K. Wong

- A case of Takotsubo syndrome following mitral transcatheter edge-to-edge repair
A. Saito
- Discussion and audience interaction
- Successful TEER with improved visualisation with a bronchial blocker
H. Yuki
- Discussion and audience interaction
- Life on the edge: MitraClip in complex mitral valve regurgitation with cardiac arrest
J. K. Yeh
- Discussion and audience interaction
- Successful concomitant redo mitralclip and trclip in a single procedure
D. Walters
- Discussion and audience interaction
- Effectiveness of transthoracic echocardiography for pre-operative planning in transcatheter mitral valve edge-to-edge repair: a case report
W. Fujita
- Discussion and audience interaction
- Edge-to-edge mitral valve repair beyond COAPT criteria: a bridge to Immunotherapy
- Discussion and audience interaction

11:50 - 13:20

TAVI complications cases - Part 2

Facilitators: R. Bhindi, G. Nakazawa
Discussants: M. Hayashi, J. Ito, A. Masumoto, H. Zhang

ROOM SYDNEY

Clinical Cases

- A patient with severe aortic stenosis along with left main coronary artery dissection and severe primary MR presented with acute decompensated heart failure: how to treat and which should be done first?
Y. Chang
- Discussion and audience interaction
- Successful management for stuck of Evolut's commissural tab in final release
K. Shishido
- Discussion and audience interaction
- A case of acute left ventricular perforation during TAVI procedure
K. Ishibuchi
- Discussion and audience interaction
- A successful bailout case for balloon-expandable valve pop-out during TAVI.
T. Yoshizumi
- Discussion and audience interaction
- Evolut mark in the heart
M. Arakawa
- Discussion and audience interaction
- Lifesaving transcatheter TAVI for severe aortic stenosis in a patient with cardiogenic shock
D. Akiyama
- Discussion and audience interaction
- A concealed conundrum
A. G. Sundaravadivelu
- Discussion and audience interaction

11:50 - 12:35

THE EXCHANGE

Clinical Cases

Tips and tricks for M-TEER

Facilitators: T. Geisler, T. Maruo
Discussants: S. Satish, T. Tanaka

- Difficult transeptal access through a left-atrial septal pouch for transcatheter edge-to-edge repair in a previously repaired mitral valve
Q. Jin
- Discussion and audience interaction
- An octogenarian case of severe mitral regurgitation with scoliosis and kyphosis
N. Kuroiwa
- Discussion and audience interaction
- Diamond-shape clasp using PASCAL device for non-central mitral regurgitation
A. Okada
- Discussion and audience interaction
- CLASP the annulus: PASCAL device for non-central primary mitral regurgitation
M. Fujita
- Discussion and audience interaction
- Successful edge-to-edge mitral repair for mixed origin severe mitral regurgitation including systolic anterior motion in hypertrophic cardiomyopathy
A. Kurita
- Discussion and audience interaction

12:40 - 13:25

THE EXCHANGE

Clinical Cases

Mitral challenging anatomy

Facilitators: G. Hashimoto, T. Walton
Discussants: W. C. W. Lee, H. Utsunomiya

- Unavoidable iatrogenic mitral stenosis following transcatheter edge-to-edge mitral valve repair with current devices
Y. Enta
- Discussion and audience interaction
- Must TSP height be sufficient for MitraClip to succeed? A M-TEER case with extremely low TSP height
S. Tanaka
- Discussion and audience interaction
- PASCAL device implantation for severe mitral regurgitation with bileaflet prolapse
S. Narui
- Discussion and audience interaction
- Successful transcatheter edge-to-edge repair with PASCAL device in a patient with large prolapse and deep cleft
H. Ohara
- Discussion and audience interaction
- Beyond the limits: a case of extreme flail gap in MitraClip intervention
C. Y. Wang
- Discussion and audience interaction
- A case of Barlow's disease treated with PASCAL system
F. Hasegawa
- Discussion and audience interaction

13:30 - 15:00

ROOM TOKYO

LIVE Educational Case



Challenges of patients with small aortic annuli: LIVE Educational Case from Keio University Hospital - Tokyo, Japan

Anchorperson: Y. Ohno
Spokesperson: D. Tchetché
Operators: K. Hayashida, T. Ryuzaki
Procedural Analyst: K. Ishizu
Discussants: J. Hon, M. Lee, D. W. Park, S. Shirai, Y. Watanabe
Discussant in the cathlab: M. Yamamoto
Medical Coordinator: J. Miyamoto
Medical Coordinator in the cathlab: T. Moriizumi

Join us if you want:

- To understand the management of patients with small aortic annuli
 - To debate the recent data about TAVI for small aortic annuli
 - To explore THV selection for small aortic annuli
- › Welcome and session objectives
Y. Ohno
 - › Patient presentation
D. Tchetché
 - › Imaging Analysis
K. Ishizu
 - › Heart team discussion
 - › Operator strategy
Y. Ohno
 - › LIVE Case procedure
 - › Debriefing
K. Ishizu
 - › Key learnings
Y. Ohno

13:30 - 15:00

ROOM LONDON

Case-based Discussion

Lifetime management

Anchorperson: T. Kaneko
Spokesperson: R. Bhindi
Discussants: S. C. C. Lam, B. Prendergast, M. Swaans, K. Takagi

Join us if you want:

- To understand the key concepts behind the lifetime management of aortic stenosis
 - To learn how to optimise the initial valve choice, factoring surgical risk, life expectancy, valve durability and haemodynamics
 - To understand the key concepts in evaluating redo TAVI feasibility
 - To understand the key advantages and disadvantages of reintervention methods after an index TAVI or surgical aortic valve replacement
- › Welcome and session objectives
T. Kaneko
 - › A patient with a longer life expectancy: how should we treat this patient?
J. Iwata
 - › Technique to improve the outcomes of reintervention: surgical aortic valve replacement and aortic root enlargement
M. Tabata
 - › SAVR failure and reintervention options
M. Tabata
 - › Discussion and audience interaction
 - › Techniques to improve the outcomes of reintervention: commissural alignment
G. Tang
 - › Outcomes of TAVI explant: is it really bad as reported?
T. Kaneko
 - › Outcomes of TAV-in-TAV: the knowns and the unknowns
G. Tang
 - › Discussion and audience interaction
 - › Putting it all together: what is the lifetime management?
R. Bhindi
 - › Discussion and audience interaction
 - › Session evaluation and key learnings
R. Bhindi

13:30 - 15:00

TAV-in-TAV

ROOM TAIPEI

Case-based
Discussion

Anchorperson: V. Bapat
Spokesperson: T. Ochiai
Discussants: M. Chandavimol, P. Chiam, H. S. Kim, T. Naganuma

Join us if you want:

- To understand the clinical considerations and challenges in TAV-in-TAV
- To learn how to perform CT analysis and pre-procedural planning of TAV-in-TAV
- To learn how to perform TAV-in-TAV procedure
- Welcome and session objectives
T. Ochiai
- Understanding important concepts in TAV-in-TAV and introduction of redo-TAV APP
V. Bapat
- Discussion and audience interaction
- Failed tall valve - Case with Live CT analysis
M. Fukui
- Discussion and audience interaction
- Case resolution
M. Chandavimol
- Failed short valve - case presentation including CT analysis
M. Fukui
- Discussion and audience interaction
- More to be discussed...
M. Fukui
- Procedural tips and general concepts
T. Ochiai
- Session evaluation and key learnings
V. Bapat

13:30 - 15:00

ROOM NEW
DELHI

Clinical Cases

TAVI complex cases

Facilitators: G. Sengottuvelu, K. Shimamura
Discussants: A. S. F. Chui, H. Hioki, M. A. Rosli

- Four cases of intervention to intravascular hemolysis due to paravalvular leak after TAVI with Sapien3 Ultra RESILIA
Y. Teng
- Discussion and audience interaction
- Four-year follow-up following Intraventricular membranous septal aneurysm after TAVI
D. Sato
- Discussion and audience interaction
- Calcification morphology hindering expansion and placement of self-expanding valves during TAVI
K. Ochi
- Discussion and audience interaction
- Narrow escape from death
- Discussion and audience interaction
- The rocky road to triumph
- Discussion and audience interaction
- Heyde syndrome treated by TAVI
Y. Sugiyama
- Discussion and audience interaction
- A successful case of simultaneous TEVAR and TAVI performed on a patient with severe aortic tortuosity
M. Takaseya
- Discussion and audience interaction
- Emergent TAVI for cardiogenic shock due to aortic stenosis in a patient with human immunodeficiency virus infection
H. Kobayashi
- Discussion and audience interaction
- A rocky TAVI
- Discussion and audience interaction

13:30 - 15:00

Post-procedure complications

Facilitator: R. Bhagwandeem
Discussants: P. Chandra, A. Masumoto, N. Moriyama

ROOM SYDNEY

Clinical Cases

- A case of subacute leaflet thrombus after TAVI in cancer patient
H. Onoda
- Discussion and audience interaction
- Two cases of surgical aortic valve replacement in patients who developed haemolytic anaemia after TAVI using balloon-expandable valve
K. Onishi
- Discussion and audience interaction
- Late migration of papillary fibroelastoma into the left coronary artery following TAVI
R. Otake
- Discussion and audience interaction
- A case of avoiding sinus sequestration and performing PCI after TAVI using balloon-expandable valve
S. Matsushita
- Discussion and audience interaction
- IVUS and fluoroscopic en-face view-guided PCI for delayed left main occlusion post-BEV TAVR
T. Sasiprapha
- Discussion and audience interaction
- Delayed high grade atrioventricular block after TAVI
- Discussion and audience interaction
- Partial malcoaptation of SAPIEN 3 Ultra RESILIA (S3UR) successfully treated by post-balloon dilation during TAVI
T. Sano
- Discussion and audience interaction
- A delivery failure case of TF-TAVI with SAPIEN 3 UR due to severe tortuosity of the iliac artery
G. Bando
- Discussion and audience interaction

13:30 - 14:15

THE EXCHANGE

Clinical Cases

Redo mitral procedures

Facilitators: T. Kitai, S. H. Sung
Discussants: T. Morikawa, J. Yamaguchi

- PASCAL for recurrent mitral regurgitation after MitraClip
Y. Gonda
- Discussion and audience interaction
- Redo M-TEER for recurrent severe mitral regurgitation caused by torn posterior mitral leaflet
K. Kito
- Discussion and audience interaction
- Successful redo TEER for recurrent severe mitral regurgitation two years after first TEER
S. Hirano
- Discussion and audience interaction
- Successful redo MitraClip for late recurrent mitral regurgitation in a complex high-risk patient
D. Walters
- Discussion and audience interaction
- Redo percutaneous mitral balloon valvuloplasty: fifth times the charm?
- Discussion and audience interaction

13:30 - 15:00

ECHO & CT
 HANDS ON LAB -
 ROOM 1

Imaging

Simulation-based
 Learning

Hands-on TEE workshop for intraprocedural TEE of tricuspid edge-to edge repair

This session has been made possible thanks to the kind support of Philips.

Facilitators: M. Izumo, A. Lee, T. Maruo, L. T. Yang

Join us if you want:

- To learn the basic TEE view of tricuspid valve for T-TEER procedure: Mid-/Deep oesophageal commissural view with cross-plane imaging, transgastric short axis view, and tricuspid valve 3D en face view
- To learn how to guide and evaluate grasping process during T-TEER procedure

13:30 - 15:00



ECHO & CT
HANDS ON LAB -
ROOM 2

Imaging

Simulation-based
Learning

Hands-on TTE workshop for mitral or tricuspid valve and right ventricle: TTE Simulator

This session has been made possible thanks to the kind support of GE Healthcare.

Facilitators: N. Shiokawa, T. Sunada, M. Toki

Join us if you want:

- To learn the basic TTE view and anatomy of mitral and tricuspid valve
- To learn the basic TTE view for the evaluation of right ventricle

15:20 - 16:50



ROOM LONDON

Symposium



How to optimise clinical outcomes with the latest generation intra-annular self-expandable TAVI device?

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

14:20 - 15:05



THE EXCHANGE

Clinical Cases

TAV-in-TAV cases

Facilitators: M. Noguchi, D. Roy
Discussants: T. Arai, J. Kang

- › TAV-in-TAV
- › Discussion and audience interaction
- › A case of successful TAV-in-TAV with coronary protection
T. Hoshi
- › Discussion and audience interaction
- › A case of CABG and TAV-in-TAV
R. Ushijima
- › Discussion and audience interaction
- › TAVI in a patient with failed homograft and three previous sternotomies
M. Kawata
- › Discussion and audience interaction
- › Concurrent mitral and aortic valve-in-valve interventions in an extreme high-risk patient
S. J. Q. Koh
- › Discussion and audience interaction

15:20 - 16:05



ROOM TAIPEI

Symposium



Lifetime management - First valve choice matters

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

15:20 - 16:50



ROOM TOKYO

Symposium



Standardised implant technique with self-expandable valve

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

15:20 - 16:50



ROOM NEW
DELHI

Clinical Cases

Management of paravalvular leak

Facilitators: A. Lee, N. Tada
Discussants: G. Hashimoto, K. Nishioka, R. Parma, J. E. Sia

- › From SAVR to shunt: managing the complexities of post-operative pulmonary oedema
K. Powpuree
- › Discussion and audience interaction
- › Challenging case of percutaneous closure of a left ventricular septal defect in post myocardial infarction using retroaortic approach
V. Jeevanantham
- › Discussion and audience interaction
- › Paravalvular leak got fixed
- › Discussion and audience interaction
- › Navigating the challenges: mitral paravalvular leak closure
- › Discussion and audience interaction
- › A case of percutaneous closure for recurrent mitral paravalvular leak
K. Osakada
- › Discussion and audience interaction
- › Challenging transcatheter mitral paravalvular leak closure in patient with mechanical aortic and mitral prostheses
- › Discussion and audience interaction
- › Bailout redo TAVI for mild paravalvular leak as a cause of decompensated haemolytic anaemia
K. Ishizu
- › Discussion and audience interaction

15:20 - 16:50

TAVI and coronary artery disease

Facilitators: D. Hachinohe, K. Poon
Discussants: R. Higuchi, M. Nakashima, J. Yap

ROOM SYDNEY

Clinical Cases

- PCI first or TAVI first: deciding the optimal sequence in cardiovascular interventions
C. C. Chang
- Discussion and audience interaction
- A case of acute myocardial infarction due to coronary embolism caused by leaflet thrombosis after TAVI with Evolut valve
T. Yoshida
- Discussion and audience interaction
- Delayed coronary obstruction after TAVI with intra-annular self-expandable valve
J. Miyamoto
- Discussion and audience interaction
- A case of TAVR in a patient with coronary artery disease
D. Yoshiura
- Discussion and audience interaction
- Multifaceted cardiac intervention - TAVI, complex coronary intervention, cerebral protection
R. Boosi
- Discussion and audience interaction
- Delayed right coronary artery obstruction following TAVI
K. Hattori
- Discussion and audience interaction
- A case of achieving good commissural alignment by rotating the hat marker to the inner curve during TAV-in-SAV with EvolutFX
S. Oka
- Discussion and audience interaction
- Severe aortic stenosis with an infra-aortic-annular aneurysm of ventricular septum treated with Evolut FX
H. Yuki
- Discussion and audience interaction

15:20 - 16:05

High-risk TAVI

Facilitator: M. Miyasaka

THE EXCHANGE

Clinical Cases

- Impella assisted TAVI in severe bicuspid aortic valve disease with severe LV dysfunction
D. Walters
- Discussion and audience interaction
- TAVR for pure native aortic regurgitation in surgically unfit patient
- Discussion and audience interaction
- Placement of TAVI as bridging therapy in a patient with cirrhosis awaiting liver transplant
- Discussion and audience interaction
- Overcoming calcium. Transfemoral TAVI in calcified peripheral vasculopathy
H. O. A. C. Chiu
- Discussion and audience interaction
- Unexpected valve impediment during TAVI using a balloon-expandable valve in a patient on VA-ECMO support
Y. Fujii
- Discussion and audience interaction

16:10 - 16:55

The value of WATCHMAN therapy - Who should we treat?

ROOM TAIPEI

Symposium

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

16:10 - 16:55



THE EXCHANGE

Clinical Cases

Mitral valve-in-valve and valve-in-ring electrosurgery

Facilitators: C. K. Wong, F. Zahr
Discussants: D. Muller, L. T. Yang

- Tip-to-base LAMPOON technique to prevent left ventricular outflow obstruction in transseptal mitral valve-in-ring
D. Walters
- Discussion and audience interaction
- Overcoming left ventricle outflow tract obstruction in TMVR: a clinical case of the LAMPOON procedure
R. Yerkezhan
- Discussion and audience interaction
- Valve-in-valve with LAMPOON procedure
- Discussion and audience interaction
- First Malaysian case of mitral valve-in-valve with LAMPOON technique in an octogenarian using TAVI valve
Q. Jin
- Discussion and audience interaction
- The long journey of a healing heart: a case of mitral valve-in-ring
S. I. Lin
- Discussion and audience interaction

17:00 - 18:00



ROOM TOKYO

Tutorial



Future devices

Anchorperson: K. Hayashida
Spokesperson: D. Tchetché
Discussants: T. Fujita, M. Izumo, S. C. C. Lam, P. Sorajja, M. Swaans, K. K. Yeo

Join us if you want:

- To understand the current situation of innovative imaging devices in structural interventions
 - To understand future devices of mitral and tricuspid valve interventions
- Welcome and session objectives
K. Hayashida
 - Innovation in imaging for structural heart disease
A. Lee
 - Discussion and audience interaction
 - Future devices for mitral valve intervention
B. Prendergast
 - Discussion and audience interaction
 - Future devices for tricuspid valve intervention
F. Zahr
 - Discussion and audience interaction
 - Session evaluation and key learnings
D. Tchetché

17:00 - 18:00



ROOM LONDON

How Should I Treat?

Nightmare in TAVI

Anchorperson: T. Kaneko
Spokesperson: S. Shirai
Discussants: Y. Y. Lam, D. W. Park, Y. Watanabe, M. Yamamoto

Join us if you want:

- To be aware of the risk and prevent the complication
 - To recognise the complication according to clinical information
 - To treat the patients without further complication
- Welcome and session objectives
T. Kaneko
 - Nightmare case 1: valve embolisation, balloon-expandable valve
M. Hayashi
 - Discussion and audience interaction
 - How should I treat?
D. Hachinohe
 - Discussion and audience interaction
 - How did we treat?
M. Hayashi
 - Discussion and audience interaction
 - Nightmare case 2: coronary obstruction, self-expandable valve
K. Shimamura
 - Discussion and audience interaction
 - How should I treat?
F. Yamanaka
 - Discussion and audience interaction
 - How did we treat?
K. Shimamura
 - Discussion and audience interaction
 - Session evaluation and key learnings
S. Shirai

17:00 - 18:00



ROOM TAIPEI

Case-based
Discussion

M-TEER for secondary mitral regurgitation

Anchorperson: M. Amaki
Spokesperson: S. H. Sung
Discussants: T. Geisler, S. Mizuno, M. Saji, G. Tang

Join us if you want:

- To better understand the therapeutic tips for the atrial functional mitral regurgitation with extremely flat valve
 - To identify the best candidate for surgery in atrial functional mitral regurgitation
 - To decide whether you should undergo M-TEER for VFMR patients with non-COAPT patient with large left ventricle, pulmonary hypertension, etc.
 - To understand what is the best pre-to-post treatment strategy for M-TEER with non-COAPT patient with large gap
 - To know the optimal timing for left ventricular assist device
- Welcome and session objectives
M. Amaki
 - What should we know about atrial functional mitral regurgitation
M. Saji
 - Atrial functional mitral regurgitation case: pre M-TEER
W. C. W. Lee
 - Discussion and audience interaction
 - Atrial functional mitral regurgitation case: during and post M-TEER
W. C. W. Lee
 - What should we know about VFMR beyond COAPT criteria
G. Tang
 - VFMR Case presentation: pre M-TEER
A. Okada
 - Discussion and audience interaction
 - VFMR Case presentation: during and post M-TEER
A. Okada
 - Session evaluation and key learnings
S. H. Sung

17:00 - 18:00



ROOM NEW
DELHI

Clinical Cases

Mitral complications

Facilitators: D. Muller, A. Sugiura
Discussants: Y. Chen, S. H. Ewe, A. Kataoka, A. Yoshida

- The "velcro shoes phenomenon" in transcatheter mitral valve edge-to-edge repair
N. Okamoto
- Discussion and audience interaction
- Transcatheter edge-to-edge mitral valve repair for the leaflet perforation with PASCAL device
K. Mushiake
- Discussion and audience interaction
- Haemolytic anaemia after transcatheter edge-to-edge repair with PASCAL system
K. Ayai
- Discussion and audience interaction
- Intraoperative desaturation during MitraClip
A. Tanaka
- Discussion and audience interaction
- Percutaneous closure of an iatrogenic mitral valve perforation with symmetrical membranous VSD occluder
H. F. Dilek
- Discussion and audience interaction
- Takotsubo syndrome following transcatheter edge-to-edge mitral repair
H. Endo
- Discussion and audience interaction

17:00 - 18:00

TAVI

ROOM SYDNEY

Clinical Cases

Facilitator: M. Tabata
Discussants: R. Bhagwandeem, H. S. Kim, A. Masumoto, H. Sato

- How to optimise commissural alignment in self-expandable valve
- Discussion and audience interaction
- How to manage sudden deterioration in severe aortic stenosis without pre-operative evaluation?
T. Morofuji
- Discussion and audience interaction
- Rescue TAVI for cardiogenic shock due to critical aortic stenosis: unique challenges in clinical and technical approach
- Discussion and audience interaction
- The surprising solution to the difficulty in detaching a self-expanding valve
H. Sugane
- Discussion and audience interaction
- TAVI in no-man's landing zone
M. Sivaprakasam
- Discussion and audience interaction
- A patient with Heyde syndrome successfully treated with TAVR
Y. Matsuda
- Discussion and audience interaction
- How to initiate transcatheter TAVI: step-by-step with case series
C. Y. Chu
- Discussion and audience interaction

17:00 - 18:00

THE EXCHANGE

Clinical Cases

Valve-in-valve

Facilitators: M. Fukui, K. C. Y. So
Discussants: G. Attizzani, M. Yudi

- First TAVR in a surgically implanted aortic Trifecta valve
J. L. Pagulayan-Rivas
- Discussion and audience interaction
- TAVI - Valve-in-valve double chimney stenting
L. Mosiashvili
- Discussion and audience interaction
- Transcatheter aortic valve in surgical aortic valve for bioprosthetic valve dysfunction after modified Bentall's procedure
M. Alagon
- Discussion and audience interaction
- A case of valve-in-valve to a haemodialysis patient due to structural valve dysfunction two years after initial TAVR
K. Miyahara
- Discussion and audience interaction
- A case of transcatheter double valve-in-valve replacement of aortic and mitral bioprosthetic valves
N. Singh
- Discussion and audience interaction
- Valve in surgical valve TVAR - Should we post dilate?
- Discussion and audience interaction
- Self-expandable valve in aortic valve-in-valve enhancing precision and outcomes
- Discussion and audience interaction
- Feasibility of balloon valvuloplasty alone for rescuing patient with bioprosthetic valve failure in pulmonary and tricuspid position combined with severe aortic stenosis
Y. Chang
- Discussion and audience interaction

17:00 - 18:00

ECHO & CT
HANDS ON LAB -
ROOM 1

Imaging

Simulation-based
Learning

Hands-on TTE workshop for 3D-TTE of tricuspid valve

This session has been made possible thanks to the kind support of Philips.

Facilitators: N. Mizukami, Y. Saito, H. Tsuruta

Join us if you want:

- To learn how to render 3D-TTE imaging of tricuspid valve
- To learn how to analyse the tricuspid valve via 3D-MPR and 3D-analysis software (EPIQ CVX 3D Auto TV)

17:00 - 18:00

ECHO & CT
HANDS ON LAB -
ROOM 2

Simulation-based
Learning

Hands-on CT workshop LAA

This session has been made possible thanks to the kind support of Canon Medical.

Facilitators: M. Asami, N. Hosoda, S. Ono

Join us if you want:

- To learn the basics of LAAC
- To know how to use the 3mensio for LAA
- To learn how to measure before LAAC

08:30 - 10:00

ROOM TOKYO

LIVE Educational Case



Transcatheter management of failed THV: LIVE Educational Case from Cheng Hsin General Hospital - Taipei City, Taiwan

Anchorperson: D. Tchetché
Spokesperson: K. Hayashida
Operators: Y. T. Lee, W. H. Yin
Procedural Analyst: K. Ishizu
Discussants: R. Bhindi, A. B. Gopalapuram, S. H. Sung, M. Yamamoto, F. Yamanaka
Medical Coordinator: R. Arita
Medical Coordinator in the cathlab: T. P. Tsao

Join us if you want:

- To discuss lifetime management of patients with longer life-expectancy
 - To apprehend the risks associated with redo TAVI
 - To get the sizing methods and device combinations for optimised outcomes after redo TAVI
- Welcome and session objectives
D. Tchetché
 - Patient presentation
K. Hayashida
 - Imaging Analysis
K. Ishizu
 - Heart team discussion
 - Operator strategy
D. Tchetché
 - LIVE Case procedure
 - Debriefing
K. Ishizu
 - Key learnings
D. Tchetché

08:30 - 10:00

ROOM LONDON

Imaging
Case-based Discussion

Imaging aortic valve

Anchorperson: S. H. Ewe
Spokesperson: M. Izumo
Discussants: M. Asami, T. Kaneko, A. Lee, M. Swaans

Join us if you want:

- To learn how to assess patients with low-flow low-gradient aortic stenosis in patients with reduced and preserved left ventricle function
 - To learn how to manage and treat patients with increased aortic valve gradients post-TAVI
 - To understand permanent pacemaker and valve thrombosis using multimodality imaging
 - To learn how to assess patients with native aortic regurgitation and how to treat aortic regurgitation in patients who are high-risk for aortic valve surgery
- Welcome and session objectives
S. H. Ewe
 - Low-flow low-gradient aortic stenosis: prevalence and clinical impact, how to assess aortic stenosis severity
K. Sato
 - Case 1
D. Miyahara
 - Discussion and audience interaction
 - Case 2
A. Okada
 - Discussion and audience interaction
 - Summarisation and discussion
M. Izumo
 - Increased aortic valve gradients post-TAVI: why and how?
A. Yoshida
 - Case 3
F. Yashima
 - Discussion and audience interaction
 - Summarisation and discussion
S. H. Ewe
 - Mechanisms of aortic regurgitation and grading of aortic regurgitation
A. Lee
 - Aortic regurgitation: timing of aortic valve intervention, what do the guidelines say?
L. T. Yang
 - Case 4
I. Wong
 - Discussion and audience interaction
 - Summarisation and discussion
S. H. Ewe
 - Session evaluation and key learnings
M. Izumo

08:30 - 10:00

TAV-in-SAV

ROOM TAIPEI

Case-based
Discussion

Anchorperson: N. Tada
Spokesperson: G. Tang
Discussants: V. Bapat, M. Fukui, K. Poon, K. C. Y. So

Join us if you want:

- To learn the fundamentals of TAV-in-SAV
- To understand how to evaluate the feasibility of TAV-in-SAV and TAV selection
- To learn advanced skills in TAV-in-SAV (valve fracture/remodel, leaflet modification, coronary protection)
- Welcome and session objectives
N. Tada
- TAV-in-SAV: the good, the bad, the ugly
R. Parma
- Preprocedural CT planning in TAV-in-SAV
D. Hachinohe
- Procedural Tips and Tricks in TAV-in-SAV with BEV and SEV
T. Ochiai
- Discussion and audience interaction
- Balloon valve fracture/remodel: when, how and outcomes
J. Yap
- Discussion and audience interaction
- Leaflet modification in TAV-in-SAV: when, how and outcomes
S. C. C. Lam
- Discussion and audience interaction
- Case presentation: BASILICA and coronary protection
Y. Kobayashi
- Discussion and audience interaction
- Session evaluation and key learnings
G. Tang

08:30 - 10:00

ROOM NEW
DELHI

Abstracts

Repeat TAVI

Facilitators: G. Attizzani, Y. Ohno
Discussants: G. Attizzani, Y. Ichibori, J. Kang, T. Walton

- Predicting the surge in valve-in-valve volume: a comparative study of Japan and the United States
Y. Ohno
- Discussion and audience interaction
- TAVI dysfunction requiring re-intervention
J. Y. J. Tan
- Discussion and audience interaction
- Balloon-expandable vs. self-expandable valves for percutaneous treatment of failed aortic valve prosthesis. A single-centre experience
G. Besis
- Discussion and audience interaction
- Impact of left ventricular ejection fraction and its improvement in patients with aortic stenosis following TAVI
A. Ishigaki
- Discussion and audience interaction
- Valve-in-valve TAVI is associated with increased capture of small-to-medium-sized particles by cerebral protection devices
A. J. Ling
- Discussion and audience interaction
- Potential risk of coronary obstruction during TAV-in-TAV
T. Takaseya
- Discussion and audience interaction
- Coronary protection in non-high risk calcified patient during TAVI: case report
E. R. Argueta Machado
- Discussion and audience interaction
- Fully ultrasound-guided transcatheter aortic valve replacement after aortic bioprosthetic failure
X. Li
- Discussion and audience interaction

08:30 - 10:00



ROOM SYDNEY

Abstracts

Mitral and tricuspid intervention

Facilitators: A. Sugiura, D. Walters
Discussants: J. Iwata, T. Nagasaka, R. Singh
Rao, C. K. Wong

- Impact of respiratory dysfunction on mid-term clinical outcomes after M-TEER
J. Iwata
- Discussion and audience interaction
- Left atrial structure and function improvement after mitral valve transcatheter edge-to-edge repair assessed by cardiac magnetic resonance imaging: impact of secondary mitral regurgitation proportionality
T. Arai
- Discussion and audience interaction
- AltaValve TMVR for the treatment of patients with severe mitral regurgitation and mitral annular calcification
V. Ninios
- Discussion and audience interaction
- Mitral valve morphological changes after transcatheter edge-to-edge repair with two different devices
S. Ono
- Discussion and audience interaction
- Long-term outcomes of transcatheter edge-to-edge repair in patients with systolic anterior motion-associated mitral regurgitation
T. Shoji
- Discussion and audience interaction
- Tricuspid regurgitation improvement and prognosis after TEER for patients with atrial fibrillation
Y. Sakai
- Discussion and audience interaction

08:30 - 09:15



THE EXCHANGE

Clinical Cases

TAVI challenging cases

Facilitators: H. Hioki, K. Ho
Discussants: T. Naganuma, A. Pop

- Successful TAVI case in severe calcified aortic valve with immediate valve implantation following BAV
K. Terasaka
- Discussion and audience interaction
- A case of PCI after TAVI in which coronary access was made easier by using VR simulation
M. Okubo
- Discussion and audience interaction
- A case of catastrophic pulmonary vasoconstriction after protamine use in TAVR
N. Inoue
- Discussion and audience interaction
- Cured sinus of valsalva aneurysms after TAVI
K. Shinouchi
- Discussion and audience interaction
- A case of successful balloon aortic valvuloplasty for refractory haemolytic anaemia due to PVL after TAVI
S. Kuroda
- Discussion and audience interaction
- Delayed sinus sequestration after rescue TAV-in-TAV - Out of the frying pan, into the fire
R. Horita
- Discussion and audience interaction

08:30 - 10:00

ECHO & CT
HANDS ON LAB -
ROOM 1

Imaging

Simulation-based
Learning

Hands-on TEE workshop: how to render 'MultiVue' imaging during SHD procedure

This session has been made possible thanks to the kind support of Philips.

Facilitators: A. Isotani, T. Maruo, H. Tsuruta

Join us if you want:

- To learn how to render 'MultiVue' imaging of mitral and tricuspid valve and LAA
- To learn how to guide M-TEER and LAAC procedure via 'MultiVue' imaging

08:30 - 10:00

ECHO & CT
HANDS ON LAB -
ROOM 2

Simulation-based
Learning

Hands-on CT workshop TAVI for aortic valve-in-valve

This session has been made possible thanks to the kind support of Canon Medical.

Facilitators: N. Kamioka, J. Miyamoto, T. Tsunaki

Join us if you want:

- To learn the application of TAVI
- To know valve-in-valve TAVI
- To learn how to measure before valve-in-valve TAVI

10:10 - 11:10

ROOM TOKYO

Tutorial



Indication and device selection for tricuspid interventions

Anchorperson: S. Kuwata

Spokesperson: D. Tchetché

Discussants: T. Kaneko, A. Lee, M. Saji, P. Sorajja, A. Sugiura, T. Tanaka

Join us if you want:

- To capture selection criteria for transcatheter tricuspid procedures
 - To discuss current and future therapeutic options for tricuspid regurgitation
- Welcome and session objectives
S. Kuwata
 - Indications for transcatheter valve intervention
T. Kaneko
 - Discussion and audience interaction
 - Anatomical challenges for T-TEER
M. Swaans
 - Discussion and audience interaction
A. Lee, D. Tchetché
 - Anatomical challenges and candidates for TTVR
D. Tchetché
 - Discussion and audience interaction
D. Tchetché
 - Session evaluation and key learnings
D. Tchetché

09:20 - 10:05

THE EXCHANGE

Clinical Cases

Mitral valve interventions cases

Facilitators: T. Geisler, S. Kubo

Discussants: S. Fukuhara, N. Kagiya

- 4D intracardiac echocardiography guided mitral valve-in-valve: procedural and imaging step-by-step
N. Wong
- Discussion and audience interaction
- Valve-in-ring for severe mitral stenosis
I. Jurin
- Discussion and audience interaction
- Prevention is better than cure – Pre-emptive tip to base LAMPOON in valve-in-ring TMVR
T. H. Chan
- Discussion and audience interaction
- Chordal mapping and live multi-planar reconstruction guide in non-A2P2 lesion for mitral transcatheter edge-to-edge repair
Y. Izumi
- Discussion and audience interaction

10:10 - 11:10



ROOM LONDON

Case-based
Discussion

LAA closure procedure step-by-step

Anchorperson: M. Asami
Spokesperson: M. Yamamoto
Discussants: M. Fukunaga, H. Hara, M. Izumo, S. C. C. Lam

Join us if you want:

- To know LAA closure procedure step-by-step
 - To learn how to perform intracardiac echocardiogram and echocardiography-guided LAA closure
 - To understand the pre-procedural imaging assessments in LAA closure
-
- Welcome and session objectives
M. Asami
 - Discussion and audience interaction
M. Asami
 - Presentation 1: screening of simple LAA closure case
M. Yamamoto
 - Discussion and audience interaction
 - Presentation 2: procedure of simple LAA closure case focusing on imaging
M. Fukunaga
 - Discussion and audience interaction
 - Presentation 3: intracardiac echocardiogram/echocardiography-guided LAA closure case with WATCHMAN
S. C. C. Lam
 - Discussion and audience interaction
 - Session evaluation and key learnings
M. Yamamoto

10:10 - 11:10



ROOM TAIPEI

Nurses and Allied
Professionals

Case-based
Discussion



Periprocedural management: TAVI

Anchorperson: M. Toki
Spokesperson: H. Watanabe
Discussants: T. Morikawa, M. Sago, T. Tobaru, T. Tsunaki

Join us if you want:

- To equip radiologic technologists with effective, practical skills for rapidly acquiring and applying techniques essential to TAVI procedures
 - To enable medical laboratory technologists to develop the expertise to provide accurate information in critical situations, thereby strengthening team collaboration
 - To train nurses in communication and educational skills that foster trust and reassurance among elderly patients and their families, ensuring a supportive treatment experience
 - To enhance clinical engineers' competencies in risk management and safety assurance of medical devices, contributing to the effective delivery of TAVI treatment
-
- Welcome and session objectives
M. Toki
 - Accelerated skill acquisition for radiologic technologists in TAVI procedures
T. Tsunaki
 - Discussion and audience interaction
 - Empowering sonographers for effective crisis communication and team integration
M. Toki
 - Discussion and audience interaction
 - Building trust: educational skills for nurses to support elderly patients and their families
Y. Tanaka
 - Discussion and audience interaction
 - Enhancing clinical engineers' competence in risk management and device safety for TAVI treatment
M. Sago
 - Discussion and audience interaction
 - Session evaluation and key learnings
H. Watanabe

10:10 - 11:10

ROOM NEW DELHI

Abstracts

Hot topics in TAVI

Facilitators: P. Chandra, Y. Watanabe
Discussants: S. Doi, M. Miura, M. A. Rosli, H. Zhang

- Impact of balloon-expandable TAVR valve deformation and calcium distribution on outcomes in bicuspid aortic valve
T. Nagasaka
- Discussion and audience interaction
- Outcomes of complex and high-risk vs. standard PCI in patients undergoing TAVI
A. J. Ling
- Discussion and audience interaction
- Haemodynamic outcomes after TAVI for aortic stenosis with small annuli with self-expanding valves
H. Miyashita
- Discussion and audience interaction
- Long-term impact of early subclinical leaflet thrombosis after TAVI
J. Iwata
- Discussion and audience interaction
- HV interval measurement in patients with post-TAVI left bundle branch block
J. M. Nogales
- Discussion and audience interaction
- Usefulness of a novel method to achieve optimal commissural alignment during TAVI
S. Minami
- Discussion and audience interaction
- Incidence, mechanism, and clinical outcomes of exacerbation of LVOT obstruction after TAVI
H. Tsuruta
- Discussion and audience interaction

10:10 - 11:10

ROOM SYDNEY

Abstracts

Combined valve disease

Facilitators: N. Kagiya, G. Tang
Discussants: J. Kato, D. W. Park, M. Saigan, F. Zahr

- Transcatheter tricuspid valve replacement and valve-in-valve/valve-in-ring implantation in high-risk patients
H. C. Lin
- Discussion and audience interaction
- Predictors of true mitral stenosis in patients undergoing TAVI: importance of CT imaging analysis
- Discussion and audience interaction
- Clinical outcomes of mild-to-moderate mixed aortic valve disease vs. isolated aortic stenosis
S. N. Chu
- Discussion and audience interaction
- Comparison of combined transcatheter mitral and tricuspid edge-to-edge repair vs. tricuspid edge-to-edge repair in moderate mitral regurgitation: a propensity-matched study
M. Kassir
- Discussion and audience interaction

10:10 - 11:10

THE EXCHANGE

Clinical Cases

TAVI in challenging anatomy

Facilitators: D. Hachinohe, A. Pop
Discussant: C. K. Wong

- Extremely horizontal aorta
- Discussion and audience interaction
- A case of successful TAVI for an extra-large aortic annulus with calcified amorphous tumour-like mass
S. Shu
- Discussion and audience interaction
- Ultimate TAVR
F. Malik
- Discussion and audience interaction
- TAVI for predominant aortic regurgitation
- Discussion and audience interaction
- Successful treatment of severe atherosclerotic aorta complicated by severe aortic stenosis using transfemoral TAVI
A. Otani
- Discussion and audience interaction
- Transfemoral TAVI for a severe aortic regurgitation with Stanford type B aortic dissection: a case report
Z. Sun
- Discussion and audience interaction
- Optimal TAVI strategy for small sinus of valsalva using 3D simulation
Y. Konami
- Discussion and audience interaction
- Percutaneous management of severe aortic regurgitation due to surgical perforation of non-coronary valve sinus
L. Avendaño-Perez
- Discussion and audience interaction

10:10 - 11:10

ECHO & CT
HANDS ON LAB -
ROOM 1

Imaging
Simulation-based
Learning

Hands-on TTE workshop for 3D-TTE of tricuspid valve

This session has been made possible thanks to the kind support of GE Healthcare.

Facilitators: S. H. Ewe, N. Mizukami, Y. Saito

Join us if you want:

- To learn how to render 3D-TTE imaging of tricuspid valve
- To learn how to analyse the tricuspid valve via 3D-MPR and 3D-analysis software (4D Auto TVQ)

11:30 - 12:15

ROOM TAIPEI

Imaging
Symposium



Sharper views, smarter moves: mini 4D TEE and 4D ICE in structural heart interventions

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

10:10 - 11:10

ECHO & CT
HANDS ON LAB -
ROOM 2

Simulation-based
Learning

Breakthrough 4D ICE imaging: a hands-on approach to structural heart disease

This session has been made possible thanks to the kind support of Siemens Healthineers

Facilitators: T. Ryuzaki, K. C. Y. So

11:30 - 13:00

ROOM NEW
DELHI

Clinical Cases

Versatile cases in interventions

Facilitators: N. Tada, D. Walters
Discussants: A. S. F. Chui, A. B. Gopalumurugan, T. Shimura, H. Ueno
(Pending confirmation)

11:30 - 13:00

ROOM TOKYO

Symposium



More possibilities in TEER - Treatment of degenerative mitral regurgitation

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

11:30 - 13:00

ROOM LONDON

Symposium



Lifetime management with self-expandable valve based on the latest evidence

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

- Atrial flow regulator as a form of inter-atrial shunting in an advanced heart failure patient - First case in Malaysia
Q. Jin
- Discussion and audience interaction
- Pulmonary valvotomy in a Filipino case of Noonan's disease with severe pulmonary stenosis and ASD
J. A. Huibonhoa
- Discussion and audience interaction
- Black hole
M. S. Islam
- Discussion and audience interaction
- Coronary artery compression testing in left anterior descending artery fistula and high anterior take off right coronary artery during transcatheter pulmonic valve replacement in Tetralogy of Fallot s/p transannular patch with moderate pulmonary regurgitation
W. Wattanasiriporn
- Discussion and audience interaction
- TAVI in severe kyphoscoliosis and restrictive lung disease
D. Jain
- Discussion and audience interaction
- Transfemoral TAVI with Sapien3 Ultra RESILIA 26mm with 16Fr E-sheath deep insertion for difficult stent graft passage
R. Arita
- Discussion and audience interaction

11:30 - 13:00



ROOM SYDNEY

Clinical Cases

Tricuspid and pulmonary valve intervention

Facilitators: S. C. C. Lam, M. Saji
Discussants: Y. Y. Lam, T. Ryuzaki, A. Sugiura, H. Utsunomiya

- Imaging nightmare for treating patient with severe tricuspid regurgitation along with pre-existing double mechanical prosthesis at mitral and aortic position
Y. T. Fu
- Discussion and audience interaction
- A case of transcatheter pulmonary valve implantation for heavily calcified monocusp patch
S. Hishinuma
- Discussion and audience interaction
- Tricuspid valve-in-valve: transcatheter option for high-risk patients
B. Ahmed
- Discussion and audience interaction
- Pushing the boundaries of tricuspid valve transcatheter edge-to-edge repair: "zipping technique" for a massive flail gap
I. Jappar
- Discussion and audience interaction
- Percutaneous pulmonary valve implantation in native RVOT with short landing zone and concomitant LPA stenosis
K. C. T. Un
- Discussion and audience interaction
- TPVR in bilateral branch pulmonary artery stenosis - The strategy and methods
M. Sivaprakasam
- Discussion and audience interaction
- Successful TTVR in a challenging anatomy
K. Rapolu
- Discussion and audience interaction

11:30 - 12:15



THE EXCHANGE

Abstracts

TAVI abstracts

Facilitator: T. Nagasaka
Discussants: N. H. V. Luk, M. Yudi

- Two perclose or one perclose with vascular seal: optimising hemostasis in TAVI
I. Hadzibegovic
- Discussion and audience interaction
- TAVR safety, efficacy and valve performance among Filipino patients with severe, symptomatic aortic valve pathology
F. E. Posas
- Discussion and audience interaction
- Short-term clinical outcomes of transfemoral TAVI supported by aggressive endovascular therapy in haemodialysis patients
T. Ouchi
- Discussion and audience interaction
- Effectiveness of an online patient education video for TAVI
S. J. Q. Koh
- Discussion and audience interaction

12:20 - 13:05

THE EXCHANGE

Clinical Cases

LAA closure

Facilitators: M. Fukunaga, H. Hara
Discussant: M. Nakashima

- Improving the acronymous checklist safety to close the LAA
R. Lezaun
- Discussion and audience interaction
- Left atrial thrombosis five years after transcatheter LAA closure
K. Okabe
- Discussion and audience interaction
- Management of mobile thrombus attached to delivery sheath during LAA closure
N. Nishiura
- Discussion and audience interaction
- Successful case of LAA closure using the WATCHMAN-FLX 40 mm device
Y. Nishimura
- Discussion and audience interaction
- Current concept for filling gaps during WATCHMAN FLX pro implantation
D. Hachinohe
- Discussion and audience interaction

13:10 - 14:10



ROOM TOKYO

Case-based
Discussion



Coronary access after TAVI: timing and techniques

Anchorperson: D. W. Park
Spokesperson: M. Yamamoto
Discussants: G. Attizzani, H. Higami, Y. Y. Lam, Y. Ohno, N. Tada, G. Tang, F. Yamanaka (Pending confirmation)

Join us if you want:

- To learn the up-to-date knowledge of revascularisation strategy in severe aortic stenosis patients undergoing TAVI
 - To understand the effect and timing of PCI in patients undergoing TAVI
 - To understand the importance of commissure and coronary alignment after transcatheter heart valve implantation for the future coronary reaccess
 - To share the up-to-date tips and techniques of post-TAVR PCI
 - To know the usefulness of new technology using virtual reality assessment during PCI after TAVI
- Welcome and session objectives
D. W. Park
 - Discussion and audience interaction
M. Yamamoto
 - Case 1 - Concomitant significant coronary artery disease and aortic stenosis patient
Y. Ohno, F. Yamanaka
 - Discussion and audience interaction
 - Case 2 - Concomitant significant coronary artery disease and aortic stenosis patient: high-risk case
G. Tang
 - Discussion and audience interaction
 - Case 3 - Concomitant significant coronary artery disease and aortic stenosis patient: PCI after SA-SEV (Evolut-FX case) - Introduce the new technology of virtual reality
H. Higami
 - Discussion and audience interaction
M. Yamamoto
 - Session evaluation and key learnings
M. Yamamoto

13:10 - 14:10



ROOM LONDON

Imaging
Case-based
Discussion

Imaging mitral valve

Anchorperson: M. Swaans
Spokesperson: H. Tsuruta
Discussants: M. Amaki, S. H. Ewe, A. Lee, F. Zahr

Join us if you want:

- To capture how to analyse the mitral valve anatomy and pathology with echocardiography
 - To learn what imaging information is needed for optimal patient selection for mitral valve procedures
 - To learn what information advanced imaging (CT/MRI) can contribute to patient selection for mitral valve procedures
 - To learn how to guide mitral valve interventions with imaging
- Welcome and session objectives
M. Swaans
 - Pre-procedural assessment: step-by-step evaluation of the mitral valve using TEE
A. Lee
 - Discussion and audience interaction
 - Pre-procedural assessment: advanced imaging for mitral valve interventions (CT/MRI)
M. Fukui
 - Discussion and audience interaction
 - During procedure: advanced TEE imaging techniques to guide complex mitral interventions
M. Swaans
 - Discussion and audience interaction
 - Post-procedural assessment: how do I evaluate the result after the procedure? Residual mitral regurgitation and mitral stenosis
M. Amaki
 - Discussion and audience interaction
 - Session evaluation and key learnings
H. Tsuruta

13:10 - 14:10



ROOM TAIPEI

Case-based
Discussion

Expanding indications for TAVI - moderate aortic stenosis and heart failure

Anchorperson: K. Shimamura
Spokesperson: K. Poon
Discussants: T. Ochiai, R. Parma, G. Sengottuvelu

Join us if you want:

- To discuss the potential benefits of early intervention in patients with moderate aortic stenosis and heart failure
 - To appreciate the key considerations that determine the accurate diagnosis of moderate aortic stenosis
 - To understand how to stratify patients with moderate aortic stenosis based upon the future risk of cardiac damage
- Welcome and session objectives
K. Shimamura
 - Trials on asymptomatic severe aortic stenosis (EARLY TAVR, EVOLVED)
D. Murdoch
 - Discussion and audience interaction
 - What DO these trials tell us (and what they DO NOT)?
A. Pop
 - How will these trials influence Heart Team discussions?
 - Trials on moderate aortic stenosis and heart failure (TAVR UNLOAD, PROGRESS, EXPAND TAVR II)
K. Poon
 - Discussion and audience interaction
 - What DO these trials tell us (and what they DO NOT)?
A. Pop
 - How will these trials influence Heart Team discussions?
 - Session evaluation and key learnings
K. Poon

13:10 - 14:10



ROOM NEW
DELHI

Clinical Cases

Complex anatomical features

Facilitators: K. C. Y. So, Y. Watanabe
Discussants: T. Arai, K. C. Y. So, I. Takamisawa, K. Zen

- Dynamic improvement of tricuspid valve leaflets coaptation and tricuspid regurgitation immediately after TAVI
H. Minami
- Discussion and audience interaction
- The overlooked threat: aortic stenosis hidden by mitral stenosis in robotic valve surgery
A. Alshehri
- Discussion and audience interaction
- Marked improvement of left ventricular function after simultaneous TAVI and M-TEER
T. Moriizumi
- Discussion and audience interaction
- A little neglect can breed great mischief: immediate recognition of self-expanding transcatheter aortic valve infolding during trans-subclavian TAVI
Y. C. Chuang
- Discussion and audience interaction
- Right-sided aortic arch: case series of two patients with complex anatomical features
R. Otake
- Discussion and audience interaction
- Successful 4D-ICE supported left appendage closure
A. Kajino
- Discussion and audience interaction

13:10 - 14:10

Challenging TAVI

Facilitators: N. Moriyama, R. Singh Rao
Discussants: P. Chiam, J. Iwata, G. Nakazawa

ROOM SYDNEY

Clinical Cases

- TAVI in a patient with a pure aortic regurgitation with previous mitral valve replacement
A. H. Ates
- Discussion and audience interaction
- Extremely challenging transfemoral TAVI
T. Ouchi
- Discussion and audience interaction
- Management of bradycardia before TAVI in a patient with MVR and TVR
M. L. Sahiner
- Discussion and audience interaction
- From vision to victory
- Discussion and audience interaction
- A case of emergency TAVI for severe aortic stenosis and regurgitation following PCI after cardiopulmonary resuscitation
T. Yoshino
- Discussion and audience interaction
- A case of successful implantation by snare technique for migrated Evolut valve but, there has been a remnant complication
Y. Choi
- Discussion and audience interaction
- Successful 4D-ICE guided TAVI
T. Ryuzaki
- Discussion and audience interaction

13:10 - 14:10

TAV-in-SAV - Part 2

Facilitator: K. Ishizu
Discussants: S. Fukuhara, J. Ito (Pending confirmation)

THE EXCHANGE

Clinical Cases

- Reproducible BASILICA technique using enface view
D. Hachinohe
- Discussion and audience interaction
- Chimney stenting during TAV-in-SAV in a very high coronary occlusion risk patient
K. Koda
- Discussion and audience interaction
- Urgent zero contrast TAV-in-SAV
S. Nakada
- Discussion and audience interaction
- Do not BASILICA the new valve! A tale of a complication
J. Fang
- Discussion and audience interaction
- Sinus sequestration as a complication of TAV-in-TAV for valve embolisation
R. Higuchi
- Discussion and audience interaction
- Successful coronary protection during TAV-in-SAV to prevent high-risk coronary occlusion
Y. Irie
- Discussion and audience interaction
- Failed 19 mm Trifecta aortic bioprosthetic valve: which THV would you choose for valve-in-valve procedure?
Y. T. Fu
- Discussion and audience interaction

13:10 - 14:10

Hands-on TTE workshop for 3D -TTE of mitral valve

This session has been made possible thanks to the kind support of Philips.

Facilitators: M. Izumo, N. Shiokawa

Join us if you want:

- To learn how to render 3D-TTE imaging of mitral valve
- To learn how to analyse the mitral valve via 3D-MPR
- To learn the role of TTE for supporting MV intervention

ECHO & CT
HANDS ON LAB -
ROOM 1

Simulation-based
Learning

14:20 - 15:50



ROOM TOKYO

LIVE Educational Case



Optimising the outcomes in patients with failing small surgical valves: LIVE Educational Case from Cheng Hsin General Hospital - Taipei City, Taiwan

Anchorperson: K. Hayashida
Spokesperson: D. Tchetché
Operators: Y. T. Lee, W. H. Yin
Discussants: V. Bapat, S. H. Ewe, D. W. Park, G. Tang, M. Yamamoto
Medical Coordinator: T. Moriizumi
Medical Coordinator in the cathlab: T. P. Tsao

Join us if you want:

- To approach the inherent risks of TAVI for small failed surgical aortic valves
 - To understand contemporary techniques to optimise the outcomes of TAVI for small failed surgical aortic valves
 - To capture the procedural challenges of valve-in-valve
- Welcome and session objectives
K. Hayashida
 - Patient presentation
D. Tchetché
 - Imaging Analysis
Y. Ohno
 - Heart team discussion
 - Operator strategy
K. Hayashida
 - LIVE Case procedure
 - Debriefing
Y. Ohno
 - Key learnings
K. Hayashida

14:20 - 15:50



ROOM LONDON

How Should I Treat?

Nightmare in mitral valve intervention

Anchorperson: Y. Watanabe
Spokesperson: D. Walters
Discussants: M. Izumo, S. Kubo, S. C. C. Lam, S. Mizuno

Join us if you want:

- To understand the complex challenges in mitral valve intervention
 - To identify strategies to manage complications
 - To enhance procedural outcomes through teamwork and innovation
- Welcome and session objectives
Y. Watanabe
 - Nightmare case 1: successful M-TEER with PASCAL device in a patient with large prolapse and deep cleft
H. Ohara
 - How would I treat?
S. C. C. Lam
 - Discussion and audience interaction
 - How did I treat?
H. Ohara
 - Discussion and audience interaction
 - Nightmare case 2: overcoming left ventricle outflow tract obstruction in TMVR, a clinical case of the LAMPOON procedure
R. Yerkhezhan
 - How would I treat?
S. Kubo
 - Discussion and audience interaction
 - How did I treat?
R. Yerkhezhan
 - Discussion and audience interaction
 - Nightmare case 3: M-TEER for primary mitral regurgitation with posterior mitral annular calcification
Y. Enta
 - How would I treat?
S. Shirai
 - Discussion and audience interaction
 - How did I treat?
Y. Enta
 - Discussion and audience interaction
 - Session evaluation and key learnings
D. Walters

14:20 - 15:50

M-TEER for challenging anatomy

ROOM TAIPEI

Case-based
Discussion

Anchorperson: M. Saji
Spokesperson: D. Muller
Discussants: M. Amaki, A. Lee, A. Lee, S. H. Sung, M. Swaans

Join us if you want:

- To understand the type of challenging anatomy for mitral TEER
 - To know the risk of complications in patients with complex anatomies
 - To be able to decide the TEER strategy for complex anatomies by themselves
- Welcome and session objectives
M. Saji
 - Case with small left atrium
A. Lee
 - Discussion and audience interaction
A. Lee
 - Case with large gap
S. Kuwata
 - Discussion and audience interaction
 - Case with giant left atrium
K. W. Park
 - Discussion and audience interaction
 - Summary of device selection
M. Saji
 - Discussion and audience interaction
 - Session evaluation and key learnings
D. Muller

14:20 - 15:50

ROOM NEW
DELHI

Abstracts

TAVI burning issues

Facilitators: M. Fukui, M. Yudi
Discussants: M. Asami, M. Chandavimol, N. H. V. Luk, H. Ueno

- Impact of catheter insertion on left ventricular pacing: comparison of two pre-shaped guidewires
K. Matsushita
- Discussion and audience interaction
- Impact of the en-face view for coronary cannulation after TAVI
K. Mitsui
- Discussion and audience interaction
- Comparison of SAPIEN 3 and SAPIEN 3 Ultra RESILIA TAVI valve expansion
S. Nakano
- Discussion and audience interaction
- True indications for left ventricular pacing and right ventricular pacing during TAVI
H. Suzuyama
- Discussion and audience interaction
- Outcomes of upfront-staged vs. concomitant PCI and TAVI
H. C. Lin
- Discussion and audience interaction
- Haemodynamic performance between the intra-annular and the supra-annular transcatheter valves
J. Kang
- Discussion and audience interaction
- Transcatheter aortic approach for TAVI: a case series of seven patients
K. Fujita
- Discussion and audience interaction
- TAVI for severe aortic stenosis with movable leaflet structures -de-risk stroke by collaboration with neurosurgeons
H. Kiriya
- Discussion and audience interaction

14:20 - 15:50

Imaging in TAVI

Facilitators: M. A. Rosli (Pending confirmation), H. Watanabe
Discussants: R. Bhindi (Pending confirmation), R. Gurvitch, N. Kagiya

ROOM SYDNEY

Imaging
Abstracts

- Clinical outcomes in patients with very low-gradient severe aortic stenosis after TAVI: insights from OCEAN-TAVI registry
D. Miyahara
- Discussion and audience interaction
- Assessing the influence of TAVI valve differences on long-term outcomes in left ventricular mass index
S. Kuroda
- Discussion and audience interaction
- Assessment of aortic valve area using 4D CT in patients with aortic stenosis
K. Kaneyuki
- Discussion and audience interaction
- Utility of left atrial strain in asymptomatic patients with aortic stenosis: a diastolic stress echocardiography study
R. Oda
- Discussion and audience interaction
- Association between aortic systolic upstroke parameter for valvular aortic stenosis diagnosis
W. Wangpermpoon
- Discussion and audience interaction
- Efficient imaging techniques for dose reduction in TAVI for high BMI patients
G. Ison
- Discussion and audience interaction

14:20 - 15:05

THE EXCHANGE

Abstracts

Valvular interventions

Facilitators: T. Sakamoto, N. Wongpraparut (Pending confirmation)
Discussant: A. Okada

- Medical cost analysis in dialysis patients undergoing TAVR or SAVR in Japan
K. Yamashita
- Discussion and audience interaction
- Long-term outcomes of Myval valve implantation in the pulmonary position: a five-year single-centre experience
S. Amal
- Discussion and audience interaction
- Comparative effectiveness of balloon aortic valvuloplasty with compliant and non-compliant balloons in the era of radial access
J. Fang
- Discussion and audience interaction
- Impact of TAVI on mood disorders in patients with severe aortic stenosis
J. Zaballa (Pending confirmation)
- Discussion and audience interaction
- Successful outcomes of a novel extra-large 35mm balloon-expandable valve in transfemoral pulmonary valve implantation: a case series
S. Amal
- Discussion and audience interaction

14:20 - 15:50

ECHO & CT
HANDS ON LAB -
ROOM 1

Simulation-based
Learning

Hands-on TTE workshop for mitral or tricuspid valve and right ventricle: TTE simulator

This session has been made possible thanks to the kind support of Philips

Facilitators: N. Mizukami, Y. Saito, N. Shiokawa

Join us if you want:

- To learn the basic TTE view and anatomy of mitral and tricuspid valve
- To learn the basic TTE view for the evaluation of right ventricle

14:20 - 15:50

ECHO & CT
HANDS ON LAB -
ROOM 2

Simulation-based
Learning

Hands-on CT workshop for mitral and tricuspid

This session has been made possible thanks to the kind support of Canon Medical.

Facilitators: T. Okuno, A. Sugiura, T. Tanaka

Join us if you want:

- To learn the basics of mitral and tricuspid intervention
- To know how to use the 3mensio for mitral and tricuspid
- To learn how to measure before mitral and tricuspid intervention

15:05 - 15:50



THE EXCHANGE

Clinical Cases

Bicuspid and complications

Facilitators: B. Singh, H. Zhang
Discussants: F. Yamanaka, K. Yamasaki

- Tailored sizing of BEV in type 1 bicuspid
- Discussion and audience interaction
- TAVR in bicuspid aortic valve type 0, small annulus and coronary compromise - A triple whammy
R. S. Krishna
- Discussion and audience interaction
- A TAVI case of supra-annular sizing in bicuspid aortic valve
- Discussion and audience interaction
- A case in which anticipating the course of the LV wire after pre-BAV was important in TAVI
K. Nakano
- Discussion and audience interaction
- When a minimally invasive procedure turns highly invasive
A. Al Kindi
- Discussion and audience interaction
- Triple treat – TAVR, Iliac artery dissection and coronary angioplasty
D. Jain
- Discussion and audience interaction
- TAVI with new-generation intermediate size balloon-expandable valves for bicuspid aortic valves
R. R. Nukavarapu
- Discussion and audience interaction

15:50 - 16:10

ROOM TOKYO

Ceremony

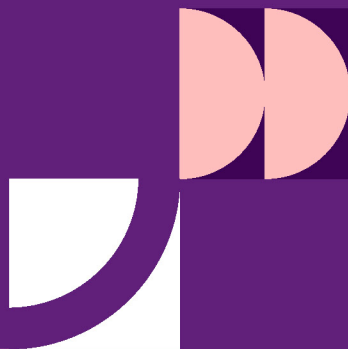
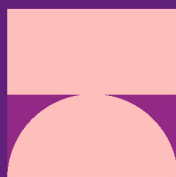


Closing Ceremony

Participants: K. Hayashida, Y. Ohno, D. Tchetché



Detailed Sponsored Programme



17:30 - 18:30

ROOM TAIPEI

Symposium



Mastering excellence: from valve selection to optimal outcomes with the Evolut TAVI system

Sponsored by Medtronic

Facilitators: K. Hayashida, Y. Ohno
Discussants: M. Chandavimol, J. Hon, K. Poon, F. E. Posas, B. Singh, K. C. Y. So

Join us if you want:

- To understand the evidence and appreciate the importance of device choice in managing patients with small annulus anatomy
 - To master implantation techniques and discern the latest technological evolutions for treating patients with complex anatomies
 - To evaluate the feasibility of future redo-TAVI procedures when performing TAVI in patients with long life expectancy
-
- Welcome and session objectives
K. Hayashida, Y. Ohno
 - 1 year since SMART trial data release
J. Hon, F. E. Posas
 - Post TAVI coronary access
Y. Ohno, B. Singh, K. C. Y. So
 - Prioritising lifetime management
M. Chandavimol, K. Poon
 - Session evaluation and key learnings
K. Hayashida, Y. Ohno

11:50 - 13:20

ROOM TOKYO

Symposium



How to optimise the patient outcomes - Key considerations for the small body population

Sponsored by Edwards Lifesciences

Anchorperson: B. Prendergast
Spokesperson: M. Yamamoto
Discussants: K. Poon, M. Saji
Speaker: K. Hayashida
Speakers: T. Fujita, J. Iwata, T. Kaneko

Join us if you want:

- To discover the latest practice for patients with small body size from Asian and international experiences
 - To understand how the latest device performs in the Asian patients
 - To learn how these new data contribute to improving patient outcomes
- Welcome and session objectives
B. Prendergast
 - Case presentation
J. Iwata
 - Discussion and audience interaction
 - Up-to-date surgical options from surgical experience
T. Fujita
 - Discussion and audience interaction
 - Current treatment strategy for patients with aortic stenosis in the United States
T. Kaneko
 - Discussion and audience interaction
 - Valve performance and outcomes of the latest technology: insights from OCEAN TAVI registry
K. Hayashida
 - Discussion and audience interaction
 - The future landscape of the TAVI procedure
M. Yamamoto
 - Discussion and audience interaction
 - Session evaluation and key learnings
M. Yamamoto

11:50 - 13:20

ROOM LONDON

Symposium



Maximising the potential of MitraClip in TEER therapy

Sponsored by Abbott

Anchorperson: Y. Ohno
Spokesperson: P. Sorajja
Discussants: G. R. Hong, K. Meemook, S. Mizuno, K. K. Yeo
Speakers: M. Amaki, A. Cook, S. Kubo, K. C. Y. So, S. H. Sung

Join us if you want:

- To stay up to date on the Asian clinical data on TEER
 - To learn about atrioventricular valve morphology and the associated treatment challenges with TEER
 - To understand how the four clip sizes can tailor TEER therapy for optimal outcomes
- Welcome and session objectives
Y. Ohno
 - OCEAN 1-year HF rehospitalisation result with MitraClip
M. Amaki
 - Discussion and audience interaction
 - Impact of morphology on decision making
A. Cook
 - Discussion and audience interaction
 - Morphology
A. Cook
 - Interesting case sharing - MitraClip with Amulet
K. C. Y. So
 - Discussion and audience interaction
 - Morphology
A. Cook
 - Interesting case sharing - Commissure lesion A3P3
S. H. Sung
 - Discussion and audience interaction
 - Morphology
A. Cook
 - Interesting case sharing - Restricted posterior leaflet in functional mitral regurgitation
S. Kubo
 - Discussion and audience interaction
 - Session evaluation and key learnings
P. Sorajja

15:20 - 16:50

ROOM TOKYO

Symposium



Standardised implant technique with self-expandable valve

Sponsored by Medtronic

Anchorperson: D. Roy
Spokesperson: K. Shimamura
Discussants: S. Shirai, M. Yudi, K. Zen
Speakers: G. Attizzani, S. Fukuhara, T. Sakamoto, G. Tang

Join us if you want:

- To understand how the self-expandable valve can be used to safely perform procedures on patients with various anatomy types
 - To understand that when performing a treatment, it is important to consider not only the procedure but also the long-term care of the patient, including its long-term outcomes
 - To understand simple procedure as semi-rapid pacing, using Dryseal long and skip pre-BAV
- Welcome and session objectives
D. Roy
 - Cusp overlap and commissural alignment in TAVR
G. Tang
 - Discussion and audience interaction
 - Coronary cannulation, commissure and coronary alignment post-TAVR
G. Attizzani
 - Discussion and audience interaction
 - Surgical explantation of transcatheter aortic bioprostheses
S. Fukuhara
 - Discussion and audience interaction
 - Simple safety SMART TAVI
T. Sakamoto
 - Discussion and audience interaction
 - Session evaluation and key learnings
D. Roy, K. Shimamura

15:20 - 16:50

ROOM LONDON

Symposium



How to optimise clinical outcomes with the latest generation intra-annular self-expandable TAVI device?

Sponsored by Abbott

Anchorperson: D. Tchetché
Spokesperson: Y. Ohno
Discussants: V. Bapat, A. S. F. Chui, G. Nakazawa, M. Tabata
Speakers: K. Hayashida, V. Kushwaha

Join us if you want:

- To understand how clinical outcomes for TAVI patients with small annuli may be influenced by the TAVI valve design
 - To understand how to navigate in TAVI patients with challenging anatomies
 - To discuss tips and tricks on TAVI implantation techniques and technologies to reduce pacemaker rates and optimise patient lifetime management
- Welcome and session objectives
D. Tchetché
 - How to navigate in TAVI patients with challenging anatomies?
V. Kushwaha
 - Discussion and audience interaction
 - How to optimise TAVI outcomes in patients with small annuli?
K. Hayashida
 - Discussion and audience interaction
 - How to achieve low PPI rates with the latest intra-annular self-expanding TAVI device?
G. Nakazawa
 - Discussion and audience interaction
 - How to select the optimal index valve for patient lifetime management?
A. S. F. Chui
 - Discussion and audience interaction
 - Session evaluation and key learnings
Y. Ohno

15:20 - 16:05



ROOM TAIPEI

Symposium



Lifetime management - First valve choice matters

Sponsored by Edwards Lifesciences

Anchorperson: R. Bhindi

Spokesperson: T. Walton

Discussants: A. Baer, M. Chandavimol, R.

Gurvitch, D. W. Park

Speakers: R. Bhagwandeem, A. Pop, B. Singh

Join us if you want:

- To discuss the new frontiers in TAVI including the treatment of patients with bicuspid aortic valve, small annulus and risk of secondary intervention
 - To discover the results of latest randomised clinical trials (RHEIA) and registry data (CAvEAT) in these TAVI subsets
 - To understand the clinical impact of these data sets through case presentations
- Welcome and session objectives
R. Bhindi
 - Bicuspid in young patients
B. Singh
 - Durability for long term outcomes
A. Pop
 - Managing future interventions with THV in THV
R. Bhagwandeem
 - Discussion and audience interaction
T. Walton
 - Session evaluation and key learnings
R. Bhindi

16:10 - 16:55



ROOM TAIPEI

Symposium



The value of WATCHMAN therapy - Who should we treat?

Sponsored by Boston Scientific

Anchorperson: K. Hayashida

Spokesperson: M. Yamamoto

Discussants: M. Asami, S. C. C. Lam, Y. Watanabe

Join us if you want:

- To understand the latest evidence and the value of WATCHMAN therapy
 - To imagine the patient who would benefit from WATCHMAN therapy
- Welcome and session objectives
K. Hayashida, M. Yamamoto
 - Latest and future perspectives of WATCHMAN therapy
S. C. C. Lam
 - Discussion and audience interaction
 - How to find patient in daily practice?
M. Asami
 - Discussion and audience interaction
 - How about TAVI patients?
Y. Watanabe
 - Discussion and audience interaction
 - Session evaluation and key learnings
K. Hayashida, M. Yamamoto

11:30 - 13:00



ROOM TOKYO

Symposium



More possibilities in TEER - Treatment of degenerative mitral regurgitation

Sponsored by Edwards Lifesciences

Anchorperson: K. Hayashida
Spokesperson: D. Tchetché
Discussants: Y. Izumi, K. K. Yeo
Speakers: M. Amaki, T. Geisler, S. Kubo, S. Sakata, F. Zahr

Join us if you want:

- To understand how a novel TEER device provides more possibilities in TEER for degenerative mitral regurgitation
 - To develop understanding of predictable and durable treatment of mitral regurgitation
 - To review the clinical evidence strategy and become acquainted with the most current data available
- Welcome and session objectives
 - Case review: Creating your strategy for degenerative mitral regurgitation TEER S. Sakata
 - Discussion and audience interaction
 - CLASP IID 2 year randomised controlled trial data update
 - Discussion and audience interaction
 - Predictability; get the result you expect, post release T. Geisler
 - Discussion and audience interaction
 - Case review: Small MVA degenerative mitral regurgitation
 - Discussion and audience interaction
 - Case review: Non-central degenerative mitral regurgitation
 - Discussion and audience interaction
 - Case review: degenerative mitral regurgitation TEER cases S. Sakata
 - Discussion and audience interaction
 - Session evaluation and key learnings D. Tchetché

11:30 - 13:00



ROOM LONDON

Symposium



Lifetime management with self-expandable valve based on the latest evidence

Sponsored by Medtronic

Anchorperson: D. Muller
Spokesperson: M. Yamamoto
Discussants: T. Walton, Y. Watanabe, K. Yamasaki
Speakers: V. Bapat, T. Kaneko, K. Maeda, Y. Ohno

Join us if you want:

- To understand the clinical evidence supporting the Evolut system and its role in achieving long-term valve durability
 - To explore the benefits and considerations of using the Evolut valve for TAV in SAV procedures
 - To understand the importance of valve design in optimising patient outcomes and procedural success
 - To discuss the significance of first-valve selection and commissure and coronary alignment
- Welcome and session objectives D. Muller
 - Latest evidence Evolut and journey to long term durability T. Kaneko
 - Discussion and audience interaction
 - Evolut valve for TAV in SAV - A well studied option K. Maeda
 - Discussion and audience interaction
 - Design matters V. Bapat
 - Discussion and audience interaction
 - Importance of the first valve: commissure and coronary alignment post-TAVR Y. Ohno
 - Discussion and audience interaction
 - Session evaluation and key learnings M. Yamamoto

11:30 - 12:15

ROOM TAIPEI

Imaging
Symposium



Sharper views, smarter moves: mini 4D TEE and 4D ICE in structural heart interventions

Sponsored by GE HealthCare

Anchorperson: *Y. Ohno*

Speakers: *S. H. Ewe, E. Ho, M. Sitges*

Join us if you want:

- To learn how to enhance patient outcomes with the use of 4D mini TEE in transcatheter aortic valve replacement (TAVR) procedures
 - To understand how miniaturised 4D TEE probe may contribute to shorter procedural times, reduced need for general anesthesia, and improved patient comfort and safety for LAAC
 - To explore the integration of transesophageal echocardiography (TEE) and 4D intracardiac echocardiography (ICE) to enhance image quality and precision in tricuspid valve interventions
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- Welcome and session objectives
Y. Ohno
 - Clinical benefits of the Mini 4D TEE Probe in TAVR procedures
S. H. Ewe
 - Discussion and audience interaction
 - Streamlining LAAC procedures with the Mini 4D TEE Probe
M. Sitges
 - Discussion and audience interaction
 - Optimising tricuspid procedures using TEE and 4D ICE
E. Ho
 - Discussion and audience interaction
 - Session evaluation and key learnings
Y. Ohno