



24-26 September 2017



London, United Kingdom
ExCel London

Programme



Valid as of 24 September 2018

PCR London Valves is an official EAPCI Course on Valves

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trademarks or registered trademarks of their respective owners.*

- 11:00 -

11:00 - 11:05

ROOM 2
Level 01

Focus on
Imaging
Ceremony
11:00

Welcome to Imaging Day

Chairpersons: M. Monaghan, B. Prendergast
Panellists: V. Delgado, R. Hahn, J. Leipsic, F. Praz

- Introduction to Imaging Day
M. Monaghan, B. Prendergast

11:05 - 12:05



ROOM 2
Level 01

Focus on
Imaging
Plenary

Multimodality imaging - The eyes of the Heart Valve Team

Chairpersons: M. Monaghan, B. Prendergast
Panellists: V. Delgado, R. Hahn, J. Leipsic, F. Praz
React@PCR Moderator: D. Natarajan

Attend this session if you want:

- To fully understand the 3D anatomy of the heart valves and adjacent structures
- To learn more about the correlations of CT and echocardiography with fluoroscopic heart valve imaging
- To fully appreciate how use of multimodality imaging can improve outcomes and prevent complications of percutaneous valve interventions

- 11:05 ➤ Session objectives
M. Monaghan
- 11:08 ➤ Heart valve and cardiac chamber anatomy: the link between CT and fluoroscopic imaging
N. Piazza
- 11:18 ➤ Time to React@PCR
- 11:25 ➤ Heart valve and cardiac chamber anatomy: the link between CT and echocardiography
P. Thériault-Lauzier
- 11:35 ➤ Time to React@PCR
- 11:42 ➤ Bringing it all together in the cathlab: case 1
T. Modine
- 11:47 ➤ Time to React@PCR
- 11:52 ➤ Bringing it all together in the cathlab: case 2
M. Barbanti
- 11:57 ➤ Time to React@PCR
- 12:02 ➤ Session evaluation and key learnings
B. Prendergast

- 12:00 -

12:00 - 12:30

ROOM 4
Level 01

PCR Innovators
Day

Welcome lunch - PCR Innovators Day London

12:00 - 13:00

EDWARDS
LIFESCIENCES
MITRAL
Level 01

Training Village

Cardioband procedure training: how to master the Edwards Cardioband system procedure

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

12:00 - 12:45

GE HEALTHCARE
Level 01

Focus on
Imaging

Training Village

Hands-on session on VALVE ASSIST 2 for TAVI

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

12:00 - 13:30

PHILIPS
HEALTHCARE
Level 01

Focus on
Imaging

Training Village

Which imaging modality do we need for mitral valve surgery and interventions?

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

12:00 - 13:00

TOMTEC
Level 01

Focus on
Imaging

Training Village

Explore 4D MV-ASSESSMENT for the quantification of mitral valve dimensions based on 4D Echo

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

12:30 - 13:30



ROOM 2
Level 01

Focus on
Imaging

Case-Based
Plenary

Case-based learning for the Heart Valve Team: imaging for aortic valve intervention

Chairpersons: P. Lancellotti, D. Mylotte (pending confirmation)
Panellists: J. Hancock, K. Hayashida, T. Lefèvre, P. MacCarthy
React@PCR Moderator: M. Akodad

Attend this session if you want:

- ▶ To learn how to optimise the use of imaging in your everyday clinical practice
- ▶ To fully understand how detailed imaging can optimise the outcomes of percutaneous aortic valve intervention
- ▶ To appreciate the fundamental role of imaging in the prediction and management of procedural complications

- 12:30 ▶ Session objectives
P. Lancellotti
- 12:33 ▶ Imaging for aortic valve intervention: guidelines and state-of-the-art 2017
J. Leipsic
- 12:43 ▶ Time to React@PCR
- 12:48 ▶ A patient with a bicuspid valve
N. Van Mieghem
- 12:53 ▶ Time to React@PCR
- 12:58 ▶ A patient with low flow - low gradient aortic stenosis
B. Rana
- 13:03 ▶ Time to React@PCR
- 13:08 ▶ A patient requiring valve-in-valve intervention
D. Tchétché
- 13:13 ▶ Time to React@PCR
- 13:18 ▶ A patient with a degenerating TAVI device
V. Delgado
- 13:23 ▶ Time to React@PCR
- 13:28 ▶ Session evaluation and key learnings
D. Mylotte

12:30 - 12:40

ROOM 3
Level 01

PCR Innovators
Day

Welcome and introduction to PCR Innovators Day London

Facilitators: N. Piazza, B. Prendergast
Panellists: J. Eadie, A. Kappetein, T. Modine, S. Rabinovich, M. Thomas, S. Windecker

Attend the meeting if you want:

- ▶ To learn more about the innovation pathway in percutaneous valve intervention
- ▶ To better understand the remaining challenges as novel percutaneous valve technology moves from concept to clinical application
- ▶ To network with clinicians, innovators, MedTech executives, investors, trialists, and regulators in the field of percutaneous valve intervention

- 12:30 ▶ Welcome and Opening
W. Wijns
- 12:35 ▶ Introduction to PCR Innovators Day London
N. Piazza, B. Prendergast

12:40 - 13:40

ROOM 3
Level 01

PCR Innovators
Day

What prevents percutaneous valve intervention from replacing surgery?

Presentations in random order punctuated with facilitated discussion and audience interaction

Facilitators: N. Piazza, B. Prendergast
Panellists: J. Eadie, A. Kappetein, T. Modine, S. Rabinovich, M. Thomas, S. Windecker

- 12:40 ▶ Views from the cathlab (10 min)
E. Grube
- 12:40 ▶ Views from the animal lab (10 min)
N. Borenstein
- 12:40 ▶ Views from the engineering lab (10 min)
A. Bash

- 13:00 -

13:00 - 13:30



EDWARDS
LIFESCIENCES
MITRAL
Level 01

Focus on
Imaging

Training Village

Cardioband patient screening: how to select the right patients for the Edwards Cardioband system

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

13:00 - 13:45



GE HEALTHCARE
Level 01

Focus on
Imaging

Training Village

How to leverage advanced imaging for mitral valve paravalvular leak repairs, LAAC and atypical situations

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

13:00 - 13:50



MEDTRONIC
Level 01

Focus on
Imaging

Training Village

Customised sizing workshops on stand-alone softwares

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

During each workshop of 50 minutes, participants will have the opportunity to gain additional experience through customised hands-on sessions on stand-alone softwares (ie. 3mensio or Osirix)
Participants are invited to bring their own cases

13:30 - 14:30



MATERIALISE
Level 01

Focus on
Imaging

Training Village

Hands-on 3D patient planning for TMVR

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

13:30 - 14:30



TOMTEC
Level 01

Focus on
Imaging

Training Village

Explore 4D MV-ASSESSMENT for the quantification of mitral valve dimensions based on 4D Echo

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

13:40 - 14:30

ROOM 4
Level 01

PCR Innovators
Day

Networking break - Round table workshop. Valvular interventions: TAVI, mitral, tricuspid, imaging. Where will we be in 2025?

Facilitators: A. Baumbach, J. Eadie, F. Hellig, A. Kappetein, A. Latib, I. Meredith, M. Rothman, L. Sondergaard, M. Thomas, W. Wijns

13:40

- Introduction
W. Wijns

13:40 - 14:40



ROOM
LEARNING
Level 01

Focus on
Imaging

Focus on
Essential
Learning



ESSENTIAL LEARNING: TAVI Imaging - Live CT analysis and interpretation for device selection and sizing

Facilitators: T. Modine, D. Tchéché
Media Driver: P. Thériault-Lauzier

Attend this session if you want:

- To learn how to analyse a CT scan of the aortic root and a peripheral vasculature
- To recognise which anatomical variables are important for device sizing and selection

13:40 - 15:10

INTERACTIVE CASE CORNER Level 01

Focus on Imaging

Abstracts

13:40

Imaging to predict TAVI outcomes

Session comprising selected PCR London Valves 2017 abstract submissions

Chairpersons: H. Moellmann, S. Redwood
Panellists: J. Byrne, F. Praz

13:46

13:51

13:57

14:02

14:08

14:13

14:19

14:24

14:30

14:35

14:41

14:46

14:53

14:58

15:05

- ▶ Usefulness of calcium occupied index as a novel predictor for acute coronary obstruction during TAVI
Y. Konami
- ▶ Discussion and audience interaction
- ▶ Impact of left ventricular outflow tract (LVOT) morphology and LVOT-annular mismatch on paravalvular leak and new conduction abnormalities after TAVI: concept of the "non-tubular index" and LVOT sealing zone
S. Zaid
- ▶ Discussion and audience interaction
- ▶ Accuracy of IVUS evaluation for the assessment of native valve measures in patients undergoing TAVI: a single-centre experience
F. Giardinelli
- ▶ Discussion and audience interaction
- ▶ Assessment of consistency in aortic valve sizing between surgical and TAVR
J. Jastrzebski
- ▶ Discussion and audience interaction
- ▶ CT-based oversizing, incidence of paravalvular aortic regurgitation, and permanent pacemaker implantation with a novel self-expanding transcatheter heart valve
J. Leipsic
- ▶ Discussion and audience interaction
- ▶ Accuracy of aortic valve calcium volume measurement with contrast enhanced multidetector CT
W.K. Kim
- ▶ Discussion and audience interaction
- ▶ Quantitative assessment of prosthetic valve regurgitation after TAVI by angiography and cardiac magnetic resonance imaging
O. Soliman
- ▶ Discussion and audience interaction
- ▶ CT scan pre-procedural planning for transcatheter tricuspid annuloplasty
P. Denti
- ▶ Discussion and audience interaction

13:45 - 14:45

PHILIPS HEALTHCARE Level 01

Focus on Imaging

Training Village

Multi-imaging fusion technology to guide SHD interventions - Experiences/cases for debate

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

- 14:00 -

14:00 - 15:00

EDWARDS LIFESCIENCES MITRAL Level 01

Training Village

Cardioband procedure training: how to master the Edwards Cardioband system procedure

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

14:00 - 14:45

GE HEALTHCARE Level 01

Focus on Imaging

Training Village

Hands-on session on VALVE ASSIST 2 for TAVI

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

14:00 - 14:50

MEDTRONIC Level 01

Focus on Imaging

Training Village

How to use imaging and sizing to achieve better outcomes in challenging cases

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

During this 50 min session, the audience will select 3 cases they wish to discuss with the faculty. The cases will cover the challenging aspects of the following situations: valve-in-valve, challenging access, extreme calcification, severe aortic stenosis + aortic regurgitation and a small anatomy

14:30 - 15:55

ROOM 3 Level 01

PCR Innovators Day

TAVI: unfinished business

Facilitators: A. Latib, A. Schmitz
Panellists: M. Cazalas, K. Hayashida, I. Meredith, A. Osdoit, D. Remigi, S. Rowe

TAVI for bicuspid aortic valves

- ▶ The scale of the problem: anatomical and clinical issues
M. Chen
- ▶ The engineering challenges
S. Chen
- ▶ Facilitated discussion and audience interaction

TAVI for pure aortic regurgitation

- ▶ The scale of the problem: anatomical and clinical issues
L. Sondergaard
- ▶ The engineering challenges
H. Tadros
- ▶ Facilitated discussion and audience interaction

14:30 - 15:30

■
BOSTON
SCIENTIFIC
Level 01

Training Village

**Optimising TAVI portfolio:
choosing the right valve for each
patient**

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

- 15:00 -

15:00 - 16:30

■
ABBOTT
Level 01

Focus on
Imaging
Training Village

**Beating heart: a different
perspective to the MitraClip
therapy**

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

15:00 - 15:30

■
EDWARDS
LIFESCIENCES
MITRAL
Level 01

Focus on
Imaging
Training Village

**Cardioband patient screening:
how to select the right patients
for the Edwards Cardioband
system**

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

15:00 - 15:45

■
GE HEALTHCARE
Level 01

Focus on
Imaging
Training Village

**How to leverage advanced
imaging for mitral valve
paravalvular leak repairs, LAAC
and atypical situations**

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

15:00 - 16:00

■
PHILIPS
HEALTHCARE
Level 01

Focus on
Imaging
Training Village

**Imaging in TAVI: planning and
guidance, this is how our heart
team does it!**

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

15:00 - 16:00

■
TOMTEC
Level 01

Focus on
Imaging
Training Village

**Explore 4D MV-ASSESSMENT for
the quantification of mitral valve
dimensions based on 4D Echo**

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

15:15 - 16:15

■ ■
ROOM
LEARNING
Level 01

Focus on
Imaging

Focus on
Applied
Learning



**APPLIED LEARNING:
Multimodality imaging for
transcatheter valve
interventions - The synergy of
echocardiography, CT and
fluoroscopy**

**Facilitators: D. Mylotte, N. Piazza
Media Driver: P. Thériault-Lauzier**

Attend this session if you want:

- ▶ To understand the correlation between echocardiography, fluoroscopy and multi-slice CT for planning and guiding transcatheter valve interventions
- ▶ To become familiar with the three-dimensional fluoroscopic anatomy of the heart
- ▶ To appreciate the utility of the S- and double S-curves for patient selection, choice of prosthesis and procedural guidance

15:15 - 16:15



**INTERACTIVE
CASE CORNER
Level 01**

Focus on
Imaging

Abstracts

15:15

› Changes in aortomitral annular angle after TAVI: implications for transcatheter mitral valve replacement?
G.H.L. Tang

15:21

› Discussion and audience interaction

15:25

› Does valve choice matter? A theoretical model comparing prosthesis-patient mismatch among transcatheter valves in TAVI
G.H.L. Tang

15:31

› Discussion and audience interaction

15:35

› Impact of short-term left ventricular global longitudinal strain change on exercise capacity following aortic valve replacement for aortic stenosis in the elderly: a prospective single-centre study
P. Antiochos

15:41

› Discussion and audience interaction

15:45

› A comparison between the prognostic predictability of the echocardiographic assessment of the paravalvular leak immediately after TAVI and at discharge
H. Tateishi

15:51

› Discussion and audience interaction

15:55

› Screening for moderate-to-severe tricuspid regurgitation: identifying potential candidates for percutaneous intervention in a tertiary teaching hospital setting
Z.H. Teoh

16:01

› Discussion and audience interaction

16:05

› Short-term prognostic value of left ventricular global longitudinal strain following aortic valve replacement for severe aortic stenosis in the elderly: a prospective single-centre study
P. Antiochos

16:11

› Discussion and audience interaction

During this 50 min session, the audience will select 3 cases they wish to discuss with the faculty. The cases will cover the challenging aspects of the following situations: valve-in-valve, challenging access, extreme calcification, severe aortic stenosis + aortic regurgitation and a small anatomy

15:30 - 16:30



**MATERIALISE
Level 01**

Focus on
Imaging

Training Village

**Hands-on 3D patient planning
for TMVR**

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

15:30 - 16:20



**MEDTRONIC
Level 01**

Focus on
Imaging

Training Village

**How to use imaging and sizing
to achieve better outcomes in
challenging cases**

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

- 16:00 -

16:00 - 16:30

ROOM 4
Level 01

PCR Innovators
Day

16:00

Networking break - Moderated abstracts - Group 1 Mitral

Facilitators: S. Chen, A. Latib

- 16:05 > Proof of concept of a new physiologic transcatheter mitral valve in a chronic animal model
M. Scorsin
- 16:10 > Discussion and audience interaction
- 16:10 > First in vitro tests of a transcatheter mitral prolapse repair system - One step ahead in percutaneous mitral valve interventions
J.M. Ticar
- 16:15 > Discussion and audience interaction
- 16:20 > Transcatheter CathHELIX mitral valve repair
B. Scheller
- 16:25 > Discussion and audience interaction

16:00 - 16:30

ROOM 4
Level 01

PCR Innovators
Day

16:00

Networking break - Moderated abstracts - Group 2 Tricuspid

Facilitators: E. Grube, M. Haude

- 16:05 > First-in-man implantation of a bicavally anchored tricuspid valve for the treatment of severe tricuspid regurgitation
S. Toggweiler
- 16:10 > Discussion and audience interaction
- 16:10 > New percutaneous tricuspid valve repair system
P. Denti
- 16:15 > Discussion and audience interaction
- 16:20 > Cerclage TR block
J.H. Kim
- 16:25 > Discussion and audience interaction

16:00 - 16:30

ROOM 4
Level 01

PCR Innovators
Day

16:00

Networking break - Moderated abstracts - Group 3 Aortic

Facilitators: A. Bash, S. Redwood

- 16:05 > Pi-Cardia Leaflex Performer
A. Baumbach
- 16:10 > Discussion and audience interaction
- 16:10 > Transvalvular lithotripsy for aortic leaflet restoration
T. Brinton
- 16:15 > Discussion and audience interaction
- 16:20 > Full cerebral embolic protection system for transcatheter aortic valve implantations
K. von Mangoldt
- 16:25 > Discussion and audience interaction

16:00 - 17:00

BOSTON
SCIENTIFIC
Level 01

Training Village

ACURATE neo implantation procedure and tips and tricks

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

16:00 - 16:45

GE HEALTHCARE
Level 01

Focus on
Imaging

Training Village

How to plan guide and assess a TAVI procedure: learn from your peers and practice

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

16:15 - 17:45

PHILIPS
HEALTHCARE
Level 01

Focus on
Imaging

Training Village

LAA closure and paravalvular leak: from pre-diagnostic imaging needs to fully fusion imaging guidance, is that possible?

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

16:30 - 17:30



**ROOM 2
Level 01**

Focus on
Imaging
Case-Based
Plenary

Case-based learning for the Heart Valve Team: imaging for mitral and tricuspid valve intervention

Chairpersons: *F. Maisano, L. Sondergaard*
Panellists: *V. Bapat, P. Denti, P. Lancellotti, D. Muller*
React@PCR Moderator: *D. Natarajan*

Attend this session if you want:

- ▶ To learn how to optimise the use of imaging in your everyday clinical practice
- ▶ To fully understand how detailed imaging can optimise the outcomes of percutaneous mitral and tricuspid valve intervention
- ▶ To appreciate the fundamental role of imaging in the prediction and management of procedural complications

- 16:30 ▶ Session objectives
L. Sondergaard
- 16:33 ▶ Imaging for mitral and tricuspid valve intervention: guidelines and state-of-the-art 2017
R. Hahn
- 16:43 ▶ Time to React@PCR
- 16:48 ▶ A patient undergoing mitral edge-to-edge repair
K.K. Yeo
- 16:53 ▶ Time to React@PCR
- 16:58 ▶ A patient undergoing mitral annuloplasty
R.S. Von Bardeleben
- 17:03 ▶ Time to React@PCR
- 17:08 ▶ A patient undergoing transcatheter mitral valve replacement
J. Hancock
- 17:13 ▶ Time to React@PCR
- 17:18 ▶ A patient undergoing tricuspid valve intervention
A. Latib
- 17:23 ▶ Time to React@PCR
- 17:28 ▶ Session evaluation and key learnings
F. Maisano

16:35 - 16:45

**ROOM 3
Level 01**

PCR Innovators
Day

A word from our sponsors

Facilitator: *W. Wijns*

- 16:35 ▶ GENAE
J. Bosiers
- 16:38 ▶ CERC
M.C. Morice
- 16:41 ▶ IMMR
N. Borenstein

16:45 - 17:35

**ROOM 3
Level 01**

PCR Innovators
Day

Valvular interventions: TAVI, mitral, tricuspid, imaging. Where will we be in 2025?

Restitution and discussion of the outputs from Round table workshop

Facilitators: *T. Modine, B. Prendergast, S. Windecker*

Panellists: *A. Baumbach, M. Cox, F. Hellig, I. Meredith, M. Rothman, A. Schmitz*

16:45

- ▶ Restitution of the outputs from Round table workshop
T. Modine, B. Prendergast, S. Windecker

- 17:00 -

17:00 - 17:45



**GE HEALTHCARE
Level 01**

Focus on
Imaging
Training Village

Using advanced imaging techniques can help you with your TAVI cases

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

17:00 - 17:50



**MEDTRONIC
Level 01**

Focus on
Imaging
Training Village

Customised sizing workshops on stand-alone softwares

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

During each workshop of 50 minutes, participants will have the opportunity to gain additional experience through customised hands-on sessions on stand-alone softwares (ie. 3mensio or Osirix)
Participants are invited to bring their own cases

17:35 - 17:45

**ROOM 3
Level 01**

PCR Innovators
Day

17:35

Concluding remarks

Panellists: *A. Baumbach, M. Cox, F. Hellig, I. Meredith, M. Rothman, A. Schmitz*

- ▶ Concluding remarks
N. Piazza, B. Prendergast

- 18:00 -

18:00 - 19:40



MAIN ARENA
Level 01

Tools and
Techniques



**Transcatheter heart valve
therapies for all heart valves:
from an innovation strategy to
mainstream therapy**

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

Online Sponsored Session

18:00 - 18:45



ROOM 2
Level 01

Symposium



**Transcatheter mitral valve
replacement: preparing for the
next revolution**

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

- 08:00 -

08:30 - 08:45

MAIN ARENA
Level 01
Ceremony

**PCR London Valves 2017
Opening Ceremony - Welcome
address**

Chairpersons: J. Fajadet, M. Haude
Panellists: J. Bax, M. Chen, N. Piazza, S. Saito, C. Tamburino, S. Windecker

- 08:30 > Heart Team: synergy for better patient outcomes
W. Wijns
- 08:36 > Welcome from the ESC President
J. Bax
- 08:39 > Introduction to PCR London Valves 2017
S. Windecker

08:45 - 10:00

MAIN ARENA
Level 01



**LIVE demonstration from St
Thomas' Hospital London: mitral
transcatheter annular reduction
therapy**

Chairpersons: J. Fajadet, M. Haude
Panellists: J. Bax, M. Chen, T. Feldman, D. Hildick-Smith, S. Saito, C. Tamburino
Operators: B. Prendergast, S. Redwood
Control Desk: P. Thériault-Lauzier
React@PCR Moderator: F.A. Cura

- 08:45 > Patient presentation
M. Haude
- 08:48 > Imaging analysis
M. Monaghan
- 08:53 > Strategic and technical discussion on the
LIVE case

09:00 **Key objectives, strategy, tools and
technique**

09:05 **LIVE case procedure from St Thomas'
Hospital - London, United Kingdom**

09:50 **Time to React@PCR**

- 09:00 -

09:00 - 10:00

ABBOTT
Level 01
Training Village

**Portico Beating Heart: hands-on
session**

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

09:00 - 10:00

BOSTON
SCIENTIFIC
Level 01
Training Village

**Learn how to realise intuitive
implant with the new ACURATE
neo TA**

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

09:00 - 10:15

EDWARDS
LIFESCIENCES
AORTIC
Level 01

Focus on
Imaging

Training Village

**CT imaging acquisition and
interpretation initiative for
balloon expandable
transcatheter heart valves**

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

09:00 - 10:00

EDWARDS
LIFESCIENCES
MITRAL
Level 01

Training Village

**Cardioband procedure training:
how to master the Edwards
Cardioband system procedure**

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

09:30 - 10:30

ROOM 2
Level 01

Plenary

**Introduction to the PCR London
Valves 2017 Aortic track - The
key questions in TAVI: where are
we in 2017?**

Chairpersons: H. Moellmann, O. Wendler
Panellists: V. Bapat, H. Eltchaninoff, K. Hayashida, M. Reardon
React@PCR Moderator: T. Patterson

Attend this session if you want:

- > To appreciate the challenges associated with the further expansion of percutaneous aortic valve intervention
- > To hear the latest evidence addressing the unresolved questions concerning TAVI
- > To understand how to apply this information in your daily clinical practice
- 09:30 > Session objectives and overview of the PCR London Valves 2017 Aortic track
O. Wendler
- 09:35 > Potential pitfalls of TAVI in lower-risk patients
J. Webb
- 09:42 > Time to React@PCR
- 09:48 > Bioprosthetic valve leaflet thickening, subclinical thrombosis and long-term durability
L. Sondergaard
- 09:55 > Time to React@PCR
- 10:01 > Optimal pharmacology - Current evidence and imminent trials
D. Capodanno
- 10:08 > Time to React@PCR
- 10:14 > TAVI endocarditis - A lurking menace
A. Linke
- 10:21 > Time to React@PCR
- 10:27 > Session evaluation and key learnings
H. Moellmann

09:30 - 10:30

ROOM 3
Level 01
Plenary

Introduction to the PCR London Valves 2017 Mitral and Tricuspid track - The key questions in Mitral and Tricuspid Valve Intervention: where are we in 2017?

Chairpersons: F. Maisano, C. Ruiz
Panellists: A. Cheung, H. Ince, N. Moat, R.S. Von Bardeleben

Attend this session if you want:

- ▶ To appreciate the challenges associated with the further development of percutaneous mitral and tricuspid valve intervention
- ▶ To understand which patients may benefit from these procedures
- ▶ To hear the latest evidence in this rapidly developing field of innovation

- 09:30 ▶ Session objectives
F. Maisano
- 09:33 ▶ State-of-the-art lecture - Transcatheter mitral valve repair and replacement: current challenges and future needs
S. Windecker
- 09:47 ▶ Discussion and audience interaction
- 09:55 ▶ State-of-the-art lecture - Transcatheter tricuspid valve repair and replacement: the stage is set!
N. Piazza
- 10:09 ▶ Discussion and audience interaction
- 10:17 ▶ Overview of PCR London Valve Mitral and Tricuspid track
N. Piazza
- 10:27 ▶ Session evaluation and key learnings
C. Ruiz

09:30 - 10:30

ROOM 4
Level 01
Abstracts

TAVI: prediction and prevention of complications

Session comprising selected PCR London Valves 2017 abstract submissions

Chairpersons: J. Byrne, A. Witkowski
Panellists: R. Kornowski, G. Manoharan

- 09:30 ▶ The impact of calcium burden on clinical outcomes and paravalvular regurgitation in the REPRISSE III randomised controlled clinical trial
R. Makkar
- 09:37 ▶ Discussion and audience interaction
- 09:42 ▶ RenalGuard for prevention of acute kidney injury after TAVI in patients with severe aortic valve stenosis: first results of an ongoing study
L. Voigtländer
- 09:49 ▶ Discussion and audience interaction
- 09:54 ▶ Valve durability five years post-TAVI in a single-tertiary-centre
P.F. Brennan
- 10:01 ▶ Discussion and audience interaction
- 10:06 ▶ The impact of over-sizing transcatheter heart valve deployment for silent cerebral infarction after transfemoral aortic valve implantation
T. Okai
- 10:13 ▶ Discussion and audience interaction
- 10:18 ▶ Bicuspid aortic valves anatomy and relationship with devices: the BAVARD multicentre registry
D. Tchétché
- 10:25 ▶ Discussion and audience interaction

09:30 - 10:30

ROOM LEARNING
Level 01

Focus on Essential Learning



ESSENTIAL LEARNING in TAVI - Optimal TAVI outcomes in intermediate-risk patients

Facilitators: P. MacCarthy, H. Treede
Media Driver: H. McConkey

Attend this session if you want:

- ▶ To appreciate how successful Heart Teams determine the indications for TAVI in intermediate-risk patients
- ▶ To understand how procedural approaches may differ in intermediate-risk patients
- ▶ To learn how to predict and prevent complications of TAVI in intermediate-risk patients

09:30 - 10:30

INTERACTIVE
CASE CORNER
Level 01

Cases

09:30

TAVI in challenging situations

Session comprising selected PCR London Valves 2017 clinical case submissions

Facilitators: Ö. Göktekin, F. Hellig

- 09:30 > TAVI in very high-risk patients using planned cardiopulmonary bypass - A case series
S. Zaid
- 09:38 > Minimalist TAVI with balloon-expandable valve in patients with extremely large annuli - A case series
S. Zaid
- 09:46 > An unexpected rare complication after TAVI
J. Kaur
- 09:54 > Left ventricular perforation during TAVI, the nail-in-the-tire strategy
G. Sardella
- 10:02 > Transcatheter TAVI under local anaesthesia to treat homograft aortic valve failure
B. Marie
- 10:09 > Emergency valve-in-valve TAVI for calciphylaxis: moving to more complex scenarios
R. Nerla
- 10:16 > TAVI for moderate aortic stenosis in cardiogenic shock and inotrope dependence
C. Undemir
- 10:23 > Challenging TAVI case of bicuspid aortic stenosis
P. CHANDRA

- 10:00 -

10:00 - 10:30

MAIN ARENA
Level 01

Plenary

10:00

10:02

10:28

Keynote lecture - Multiple valve disease: challenges in diagnosis, assessment and treatment

Chairpersons: J. Fajadet, M. Haude
Panellists: J. Bax, M. Chen, T. Feldman, D. Hildick-Smith, S. Saito, C. Tamburino

- 10:00 > Introduction
J. Fajadet
- 10:02 > Multiple valve disease: challenges in diagnosis, assessment and treatment
A. Vahanian
- 10:28 > Note of thanks
J. Bax

10:00 - 10:30

EDWARDS
LIFESCIENCES
MITRAL
Level 01

Focus on
Imaging

Training Village

Cardioband patient screening: how to select the right patients for the Edwards Cardioband system

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

10:00 - 10:50

MEDTRONIC
Level 01

Focus on
Imaging

Training Village

How to use imaging and sizing to achieve better outcomes in challenging cases

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

During this 50 min session, the audience will select 3 cases they wish to discuss with the faculty. The cases will cover the challenging aspects of the following situations: valve-in-valve, challenging access, extreme calcification, severe aortic stenosis + aortic regurgitation and a small anatomy

10:30 - 11:00

POSTERS'LAB
Level 01

Moderated
Posters

10:30

10:35

10:38

10:43

10:46

10:51

10:53

10:58

Moderated posters: Complex problems in percutaneous valve intervention

Session comprising selected PCR London Valves 2017 abstract submissions

Facilitators: G. D'Ancona, K.K. Yeo

- 10:30 > Six-month results of transcatheter edge-to-edge repair of severe tricuspid regurgitation
J. Hausleiter
- 10:35 > Discussion and audience interaction
- 10:38 > Baseline and dobutamine stress haemodynamic physiology of the severely stenotic aortic valve before and after TAVI
J. Zelis
- 10:43 > Discussion and audience interaction
- 10:46 > Incidence and prognostic implications of major bleeding events in patients with advanced heart failure and atrial fibrillation after transcatheter mitral valve repair
T. Benito-González
- 10:51 > Discussion and audience interaction
- 10:53 > A novel synchronised diastolic injection method to reduce contrast volume during aortography for aortic regurgitation assessment: in vitro experiment of a transcatheter heart valve model
Y. Miyazaki
- 10:58 > Discussion and audience interaction

10:30 - 11:30

BOSTON
SCIENTIFIC
Level 01

Training Village

ACURATE neo implantation procedure and tips and tricks

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

- 11:00 -

11:00 - 11:30



MAIN ARENA
Level 01
Plenary

SPOTLIGHT: Standardised definitions for clinical and imaging endpoints after surgical and transcatheter valve intervention

Chairpersons: A. Baumbach, M.B. Leon
Panellists: G. Fontana, P. Lancellotti, D. Muller, J.J. Popma, H. Sievert, M. Williams
React@PCR Moderator: C. Allen

Attend this session if you want:

- To learn more about new international recommendations for the assessment and reporting of endpoints after surgical and transcatheter valve intervention
- To understand the importance of clinical and imaging assessment in defining valve durability, structural valve deterioration and valve failure
- To appreciate the key elements which determine the reporting of neurological complications

- 11:00 ➤ Session objectives
M.B. Leon
- 11:03 ➤ Durability, structural deterioration and valve failure
D. Capodanno
- 11:09 ➤ Neurological adverse events
A. Lansky
- 11:15 ➤ Clinical and patient-reported endpoints after surgical and transcatheter valve interventions: what really matters?
N. Piazza
- 11:21 ➤ Time to React@PCR
- 11:27 ➤ Session evaluation and key learnings
A. Baumbach

11:00 - 11:45



ROOM 2
Level 01
Plenary

Reducing complications after TAVI: part I - Pacemaker implantation

Chairpersons: N. Van Mieghem, T. Walther
Panellists: M. Abdel-Wahab, S.J.D. Brecker, H.L. Kao, J. Mehilli
React@PCR Moderator: M. Akodad

Attend this session if you want:

- To fully understand the implications of atrioventricular conduction disturbance and pacemaker implantation after TAVI
- To identify ways to lower the incidence of pacemaker implantation in your routine clinical practice
- To learn more about new technical approaches to reduce the need for pacemaker implantation

- 11:00 ➤ Session objectives
N. Van Mieghem
- 11:03 ➤ Long-term implications of pacemaker implantation after TAVI and surgical aortic valve replacement
K.H. Kuck
- 11:10 ➤ Time to React@PCR
- 11:16 ➤ Atrioventricular conduction disturbances after TAVI - Prediction and prevention
A. Linke
- 11:23 ➤ Time to React@PCR
- 11:29 ➤ New technical approaches to reduce the frequency of pacemaker implantation
S. Toggweiler
- 11:36 ➤ Time to React@PCR
- 11:42 ➤ Session evaluation and key learnings
T. Walther

11:00 - 12:30



ROOM 3
Level 01

Case-Based
Plenary

Case-based learning for the Heart Valve Team: percutaneous mitral edge-to-edge repair

Chairpersons: C. Grasso, G. Nickenig
Panellists: J. Bax, H. Ince, S. Kar, R. Lange

Attend this session if you want:

- ▶ To appreciate the role of the Heart Valve Team in the assessment of patients with mitral valve disease
- ▶ To understand how clinical and anatomical characteristics of the mitral valve can influence patient and device selection
- ▶ To improve your understanding of how to undertake successful percutaneous mitral edge-to-edge repair using the MitraClip device

- 11:00 ▶ Session objectives
C. Grasso
- 11:03 ▶ Clinical case presentation
L. Sondergaard
- 11:15 ▶ Discussion and audience interaction
- 11:25 ▶ Device presentation: MitraClip
P. Denti
- 11:35 ▶ Discussion and audience interaction
- 11:45 ▶ Procedure presentation
H. Ince
- 11:57 ▶ Discussion and audience interaction
- 12:07 ▶ Post-procedural management and clinical outcomes
T. Feldman
- 12:17 ▶ Discussion and audience interaction
- 12:27 ▶ Session evaluation and key learnings
G. Nickenig

11:00 - 12:30



ROOM 4
Level 01

Focus on
International
Collaboration

Cases

International forum: Germany, Italy and Spain share their most educational cases

Session comprising selected PCR London Valves 2017 clinical case submissions

Chairpersons: S. Berti, H. Nef, M. Pan
Panellists: J.M. Hernandez, H. Moellmann, G. Tarantini

- 11:00 ▶ First-in-man implantation of a novel transfemoral self-expanding transcatheter heart valve to treat pure aortic regurgitation
U. Schäfer
- 11:08 ▶ Discussion and audience interaction
- 11:15 ▶ Valve-in-valve TAVI and high-risk of coronary occlusion: Evolut R and the "chimney" technique
R. Nerla
- 11:23 ▶ Discussion and audience interaction
- 11:30 ▶ In-vivo detection of an acute cerebral embolisation during TAVI
V. Jimenez
- 11:38 ▶ Discussion and audience interaction
- 11:45 ▶ Family affairs: interventional mitral valve edge-to-edge repair following a failed surgical "Alfieri" procedure
C. Walther
- 11:53 ▶ Discussion and audience interaction
- 12:00 ▶ Combined transfemoral TAVI and endovascular abdominal aortic repair
S. Mauri
- 12:08 ▶ Discussion and audience interaction
- 12:15 ▶ Implantation of percutaneous aortic valve in status of cardiac arrest
- 12:23 ▶ Discussion and audience interaction

11:00 - 12:30



ROOM
LEARNING
Level 01

Focus on
Essential
Learning



ESSENTIAL LEARNING in TAVI - Efficient and effective transfemoral procedures

Facilitators: N. Dumonteil, D. Mylotte
Media Driver: A. Roy

Attend this session if you want:

- ▶ To understand the key procedural steps of a transfemoral TAVI procedure
- ▶ To learn more about the safe deployment of a balloon-expandable and a self-expandable TAVI device
- ▶ To maximise the efficiency of your transfemoral TAVI programme

11:00 - 11:45

INTERACTIVE CASE CORNER
Level 01

Cases

- 11:00 > Percutaneous mitral valve edge-to-edge repair after failed surgical mitral annuloplasty
Z. Rahhab
- 11:08 > Transcatheter valve-in-ring thrombosis and degeneration, more prone in mitral?
G. Dahle
- 11:16 > Transcatheter bioprosthetic valve implantation in a severely calcified mitral valve annulus: the role for 3D printing
M. Chrisssoheris
- 11:24 > Transcatheter heart valves in mitral annular calcification (video case)
G. Dahle
- 11:31 > Valve-in-ring implantation for severe mitral regurgitation: when every millimetre counts
M. Chrisssoheris
- 11:38 > Percutaneous transfemoral transseptal valve-in-valve treatment of surgical biological mitral prosthesis stenosis with a pulmonary transcatheter valve
G.P. Ussia

11:00 - 13:00

ABBOTT
Level 01

Training Village

Catheter skills for Cardiac surgeons

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

11:00 - 12:15

EDWARDS LIFESCIENCES AORTIC
Level 01

Focus on Imaging

Training Village

CT imaging acquisition and interpretation initiative for balloon expandable transcatheter heart valves

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

11:00 - 12:00

EDWARDS LIFESCIENCES MITRAL
Level 01

Training Village

Cardioband procedure training: how to master the Edwards Cardioband system procedure

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

11:30 - 12:30

MAIN ARENA
Level 01



- 11:30 > Patient presentation
A. Baumbach
- 11:33 > Imaging analysis
M. Monaghan
- 11:38 > Strategic and technical discussion on the LIVE case
- 11:45 Key objectives, strategy, tools and technique**
- 11:50 LIVE case procedure from San Raffaele Scientific Institute - Milan, Italy**
- 12:20 Time to React@PCR**

11:30 - 12:20

MEDTRONIC
Level 01

Focus on Imaging

Training Village

LIVE demonstration from San Raffaele Scientific Institute Milan: percutaneous direct mitral annuloplasty

Chairpersons: *A. Baumbach, M.B. Leon*
Panellists: *G. Fontana, P. Lancellotti, D. Muller, J.J. Popma, H. Sievert, M. Williams*
Operators: *A. Colombo, A. Latib, M. Montorfano*
In-cathlab Echocardiographer: *E. Agricola*
Control Desk: *M.Z. Khawaja*
React@PCR Moderator: *M.Z. Khawaja*

Customised sizing workshops on stand-alone softwares

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

During each workshop of 50 minutes, participants will have the opportunity to gain additional experience through customised hands-on sessions on stand-alone softwares (ie. 3mensio or Osirix)
Participants are invited to bring their own cases

11:50 - 12:35

ROOM 2
Level 01
Plenary

Reducing complications after TAVI: part II - Stroke

Chairpersons: M. Gilard, R. Kornowski
Panellists: R. Bhindi, A. Lansky, E. Tay
React@PCR Moderator: H. McConkey

Attend this session if you want:

- ▶ To fully understand the implications of cerebral embolism and stroke after TAVI
- ▶ To identify ways to reduce their incidence in your routine clinical practice
- ▶ To learn more about new technical and pharmacological approaches to their prevention

- 11:50 ▶ Session objectives
M. Gilard
- 11:53 ▶ Long-term implications of cerebral embolism and stroke after TAVI
A. Linke
- 12:00 ▶ Time to React@PCR
- 12:06 ▶ Prediction and prevention: current strategies
D. Tchétché
- 12:13 ▶ Time to React@PCR
- 12:19 ▶ Prediction and prevention: future mechanical and pharmacological approaches
S. Kodali
- 12:26 ▶ Time to React@PCR
- 12:32 ▶ Session evaluation and key learnings
R. Kornowski

11:50 - 12:35

INTERACTIVE
CASE CORNER
Level 01

Cases

Valve-in-valve TAVI

Session comprising selected PCR London Valves 2017 clinical case submissions

Facilitators: T. Lefèvre, R. Nerla

- 11:50 ▶ High-risk valve-in-valve TAVI with no femoral access
H. Ahmad
- 11:58 ▶ Transcatheter treatment of degenerated homo- and xenografts
G. Dahle
- 12:06 ▶ Brachiocephalic artery access in valve-in-valve TAVI
S. Lluberas
- 12:14 ▶ A valve-in-valve procedure: and then comes the bad outcome
F. Bouisset
- 12:21 ▶ Two different aortic valve-in-valve replacement in a same bioprosthesis
D. Chan
- 12:28 ▶ A 20mm XT valve-in-valve unusual complication
K. Poon

- 12:00 -

12:00 - 12:30

EDWARDS
LIFESCENCES
MITRAL
Level 01

Focus on
Imaging

Training Village

Cardioband patient screening: how to select the right patients for the Edwards Cardioband system

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

12:30 - 13:00

POSTERS'LAB
Level 01

Moderated
Posters

Moderated posters: Dilemmas after TAVI

Session comprising selected PCR London Valves 2017 abstract submissions

Facilitators: J. Byrne, S. Toggweiler

- 12:30 ▶ Clinical valve thrombosis after transcatheter valve-in-valve implantation for degenerated bioprosthetic aortic valves
J. Kaur
- 12:35 ▶ Discussion and audience interaction
- 12:38 ▶ Novel predictors of new persistent left bundle branch block in SAPIEN 3 TAVI
S. Zaid
- 12:43 ▶ Discussion and audience interaction
- 12:46 ▶ Conduction disorders using the Evolut R prosthesis compared to the CoreValve: has anything changed?
N. Perrin
- 12:51 ▶ Discussion and audience interaction
- 12:53 ▶ True cover index predicts early pacemaker implantation after TAVI with a self-expandable device. Establishment of an index
K. Kalogeras
- 12:58 ▶ Discussion and audience interaction

- 13:00 -

13:00 - 14:40

MAIN ARENA
Level 01

Tools and
Techniques



Evolut PRO: latest innovation to simplify your practice and treat all TAVI patients

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

13:00 - 13:45



ROOM 2
Level 01

Symposium



The Lotus Valve System: building the next chapter

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

13:55 - 14:40



ROOM 2
Level 01

Symposium



The ACURATE neo TAVI System: simplifying TAVI procedures

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

13:00 - 14:40



ROOM 3
Level 01

Symposium



Going beyond boundaries in structural heart interventions?

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

Online Sponsored Session

14:00 - 15:00



EDWARDS
LIFESCIENCES
MITRAL
Level 01

Training Village

- 14:00 -

Cardioband procedure training: how to master the Edwards Cardioband system procedure

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

13:00 - 13:45



ROOM 4
Level 01

Symposium



Carillon - The first choice in treatment of functional mitral regurgitation

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

14:30 - 15:30



ABBOTT
Level 01

Training Village

Portico Beating Heart: hands-on session

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

13:00 - 14:15



EDWARDS
LIFESCIENCES
AORTIC
Level 01

Focus on
Imaging

Training Village

CT imaging acquisition and interpretation initiative for balloon expandable transcatheter heart valves

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

14:45 - 15:45



MAIN ARENA
Level 01



LIVE demonstration from St Thomas' Hospital London: transfemoral TAVI - device selection

Chairpersons: P. MacCarthy, J. Webb
Panellists: M. Chen, V. Delgado, A. Greenbaum, A. Lansky, J.J. Popma, T. Walther
Operators: B. Prendergast, S. Redwood
Control Desk: T. Pilgrim
React@PCR Moderator: A. Roy

13:30 - 14:30



ABBOTT
Level 01

Training Village

Portico Beating Heart: hands-on session

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

- 14:45 > Patient presentation
P. MacCarthy
- 14:48 > Imaging analysis
D. Mylotte
- 14:53 > Strategic and technical discussion on the LIVE case
- 15:00 **Key objectives, strategy, tools and technique**
- 15:05 **LIVE case procedure from St Thomas' Hospital - London, United Kingdom**
- 15:35 **Time to React@PCR**

13:30 - 14:30



BOSTON
SCIENTIFIC
Level 01

Training Village

ACURATE neo implantation procedure and tips and tricks

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

14:45 - 15:30

ROOM 2
Level 01
Plenary

Reducing complications after TAVI: part III - Acute kidney injury

Chairpersons: J. Byrne, H. Eltchaninoff
Panellists: D. Dvir, D. Hildick-Smith, M.K.Y. Lee, G. Yucel
React@PCR Moderator: T. Patterson

Attend this session if you want:

- To fully understand the implications of acute kidney injury after TAVI
- To identify ways to reduce its incidence in your routine clinical practice
- To learn more about new technical and pharmacological approaches to its prevention

- 14:45 ➤ Session objectives
J. Byrne
- 14:48 ➤ Long-term implications of acute kidney injury after TAVI
G. Manoharan
- 14:55 ➤ Time to React@PCR
- 15:01 ➤ Prediction and prevention: current strategies
N. Dumonteil
- 15:08 ➤ Time to React@PCR
- 15:14 ➤ Prediction and prevention: future mechanical and pharmacological approaches
D. Blackman
- 15:21 ➤ Time to React@PCR
- 15:27 ➤ Session evaluation and key learnings
H. Eltchaninoff

14:45 - 16:15

ROOM 3
Level 01
Case-Based
Plenary

Case-based learning for the Heart Valve Team: percutaneous mitral valve repair using artificial chords

Chairpersons: M. Borger, D. Tchétché
Panellists: A. Colli, R. Hahn, G. Nickenig, M. Williams

Attend this session if you want:

- To appreciate the role of the Heart Team in the assessment of patients with mitral valve disease
- To understand how clinical and anatomical characteristics of the mitral valve can influence patient and device selection
- To improve your understanding of how to undertake successful percutaneous mitral valve repair using artificial chords (Neochord)

- 14:45 ➤ Session objectives
M. Borger
- 14:48 ➤ Clinical case presentation
G. Gerosa
- 15:00 ➤ Discussion and audience interaction
- 15:10 ➤ Device presentation: Neochord
N. Moat
- 15:20 ➤ Discussion and audience interaction
- 15:30 ➤ Procedure presentation
A. Colli
- 15:42 ➤ Discussion and audience interaction
- 15:52 ➤ Post-procedural management and clinical outcomes
G. Speziali
- 16:02 ➤ Discussion and audience interaction
- 16:12 ➤ Session evaluation and key learnings
D. Tchétché

14:45 - 16:15



ROOM 4
Level 01

Focus on
International
Collaboration

Cases

- 14:45 > Simultaneous TAVR and left main "chimney" stenting
M. Spaziano
- 14:53 > Discussion and audience interaction
- 15:00 > Transapical closure of multiple mitral paravalvular leaks with simultaneous dual device deployment through a single sheath
K. Kalogeras
- 15:08 > Discussion and audience interaction
- 15:15 > TAVR - An alternative treatment for a ruptured aortic annulus after balloon aortic valvuloplasty
F. Asch
- 15:23 > Discussion and audience interaction
- 15:30 > TAVI to treat aortic regurgitation secondary to HeartMate II device
T. Lhermusier
- 15:38 > Discussion and audience interaction
- 15:45 > Edge-to-edge mitral valve repair for acute mitral regurgitation due to papillary muscle rupture
K. Papadopoulos
- 15:53 > Discussion and audience interaction
- 16:00 > Elevated residual gradient immediately post TAVI
S. Dawkins
- 16:08 > Discussion and audience interaction

14:45 - 16:15



ROOM
LEARNING
Level 01

Focus on
Applied
Learning



Attend this session if you want:

- > To appreciate how potential complications can be predicted and avoided
- > To improve your ability to recognise the early warning signs that a TAVI procedure is going wrong
- > To learn how experienced operators identify and manage the common complications of TAVI

International forum: France, Greece and the United States of America share their most educational cases

Session comprising selected PCR London Valves 2017 clinical case submissions

Chairpersons: G. Bompotis, M. Gilard, M. Reardon

Panellists: T. Feldman, T. Modine, K. Toutouzias

14:45 - 15:30



INTERACTIVE
CASE CORNER
Level 01

Cases

- 14:45 > Late iliac artery rupture bleeding after TAVI detected by scrotal swelling
H. Kook
- 14:52 > Vascular injury caused by retrieval of ruptured and detached balloon valvuloplasty catheter during TAVI
S. Kubo
- 14:59 > Bailout from annulus rupture with coronary obstruction in self-expanding valve
S. Shirai
- 15:05 > A case of percutaneous closure of aorto-right ventricular fistula following TAVI
T. Nomura
- 15:11 > Delayed cardiac arrest after on-pump transcatheter valve transseptal mitral valve-in-valve replacement combined with alcohol septal ablation to relieve left ventricular outflow tract obstruction: a cautionary tale
H. Ahmad
- 15:18 > Acute severe ischaemic mitral regurgitation during TAVI procedure
Y. Yamashita
- 15:24 > Successful management of acute hemodynamic collapse following TAVI
Y. Feng

TAVI Complications - Part I

Session comprising selected PCR London Valves 2017 clinical case submissions

Facilitators: F. Hellig, W.H. Yin

- 15:00 -

15:00 - 16:00



BOSTON
SCIENTIFIC
Level 01

Training Village

ACURATE neo clinical data

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

15:00 - 16:15



EDWARDS
LIFESCIENCES
AORTIC
Level 01

Focus on
Imaging

Training Village

CT imaging acquisition and interpretation initiative for balloon expandable transcatheter heart valves

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

15:00 - 15:30



EDWARDS
LIFESCIENCES
MITRAL
Level 01

Focus on
Imaging

Training Village

**Cardioband patient screening:
how to select the right patients
for the Edwards Cardioband
system**

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

15:00 - 15:50



MEDTRONIC
Level 01

Focus on
Imaging

Training Village

**Customised sizing workshops on
stand-alone softwares**

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

During each workshop of 50 minutes, participants will have the opportunity to gain additional experience through customised hands-on sessions on stand-alone softwares (ie. 3mensio or Osirix)
Participants are invited to bring their own cases

15:35 - 16:20



ROOM 2
Level 01

Plenary

**Reducing complications after
TAVI: part IV - Bleeding**

Chairpersons: F. Hellig, A.S. Petronio
Panellists: Ö. Göktekin, K. Hayashida, G. Manoharan, J. Mehilli
React@PCR Moderator: T. Patterson

Attend this session if you want:

- ▶ To fully understand the implications of bleeding complications after TAVI
- ▶ To identify ways to reduce their incidence in your routine clinical practice
- ▶ To learn more about new technical and pharmacological approaches to their prevention

15:35

- ▶ Session objectives
F. Hellig

15:38

- ▶ Long-term implications of bleeding complications after TAVI
S. Kodali

15:45

- ▶ Time to React@PCR

15:51

- ▶ Prediction and prevention: current strategies
H.L. Kao

15:58

- ▶ Time to React@PCR

16:04

- ▶ Prediction and prevention: future mechanical and pharmacological approaches
R. Nerla

16:11

- ▶ Time to React@PCR

16:17

- ▶ Session evaluation and key learnings
A.S. Petronio

15:35 - 16:20



INTERACTIVE
CASE CORNER
Level 01

Cases

15:35

- ▶ Percutaneous coronary intervention to occluded left coronary artery immediately following successful TAVR
T. Mabote

15:42

- ▶ FFR-guided stenting for left sinus of valsalva narrowing caused by balloon expandable aortic valve
T. Watanabe

15:49

- ▶ Successful management of unusual cause of left main trunk occlusion after TAVI
H. Hase

15:56

- ▶ TAVI: a late unpredictable and life-threatening complication
J. Cortés-Lawrenz

16:02

- ▶ Late transcatheter heart valve thrombosis with embolic presentation in a patient on oral anticoagulant
J.J. Erungaren

16:08

- ▶ Late heart valve thrombosis after transapical TAVI with a self-expandable valve with stabilisation arches
I. Seropian

16:14

- ▶ An unusual case of late transcatheter heart valve thrombosis presented as inferior STEMI
Z.G. Zhao

15:45 - 16:15



MAIN ARENA
Level 01

Cases

15:45

- ▶ Percutaneous transcatheter tricuspid repair in a patient with a failing De Vega annuloplasty
R. Estevez-Loureiro

15:50

- ▶ Time to React@PCR

15:54

- ▶ First percutaneous leadless pacemaker implantation and transcatheter tricuspid valve repair for lead-associated severe tricuspid regurgitation
G.H.L. Tang

15:59

- ▶ Time to React@PCR

16:03

- ▶ Winner - Toolbox - Simultaneous double transseptal access for direct annuloplasty and edge-to-edge repair for treatment of severe functional mitral regurgitation
U. Schäfer

16:08

- ▶ Time to React@PCR

16:12

- ▶ Announcement of the winner of the PCR London Valves 2017 Best Clinical Case
P. MacCarthy

TAVI Complications - Part II

Session comprising selected PCR London Valves 2017 clinical case submissions

Facilitators: M.K.Y. Lee, A. Seth

Top 3 Clinical Cases

Session comprising selected PCR London Valves 2017 clinical case submissions

Chairpersons: P. MacCarthy, J. Webb

Panellists: M. Chen, V. Delgado, A.

Greenbaum, A. Lansky, J.J. Popma, T.

Walther

React@PCR Moderator: A. Roy

- 16:00 -

16:00 - 18:00

ABBOTT
Level 01

Training Village

Catheter skills for Cardiac surgeons

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

16:00 - 17:00

EDWARDS
LIFESCIENCES
MITRAL
Level 01

Training Village

Cardioband procedure training: how to master the Edwards Cardioband system procedure

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

16:00 - 16:50

MEDTRONIC
Level 01

Focus on
Imaging
Training Village

How to use imaging and sizing to achieve better outcomes in challenging cases

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

During this 50 min session, the audience will select 3 cases they wish to discuss with the faculty. The cases will cover the challenging aspects of the following situations: valve-in-valve, challenging access, extreme calcification, severe aortic stenosis + aortic regurgitation and a small anatomy

16:30 - 17:30

MAIN ARENA
Level 01



LIVE demonstration from San Raffaele Scientific Institute Milan: transeptal mitral valve-in-valve

Chairpersons: A. Linke, A.S. Petronio
Panellists: D. Dvir, Ö. Göktekin, R. Kornowski, P. Pibarot, M. Reardon
Operators: A. Colombo, A. Latib, M. Montorfano
In-cathlab Echocardiographer: E. Agricola
Control Desk: E. Tay
React@PCR Moderator: H. McConkey

- 16:30 > Patient presentation
A. Linke
- 16:33 > Imaging analysis
D. Mylotte
- 16:38 > Strategic and technical discussion on the LIVE case
- 16:45 **Key objectives, strategy, tools and technique**
- 16:50 **LIVE case procedure from San Raffaele Scientific Institute - Milan, Italy**
- 17:20 **Time to React@PCR**

16:30 - 17:30

ROOM 2
Level 01
Plenary

Late-breaking TAVI trials

Chairpersons: M.B. Leon, H. Moellmann
Panellists: D. Capodanno, J.J. Popma, H. Sievert, J. Webb
React@PCR Moderator: M. Spaziano

Attend this session if you want:

- > To hear the latest unpublished clinical data from key clinical trials
 - > To enhance your knowledge of current TAVI research programmes
 - > To learn more about new devices and treatment strategies
- 16:30 > Session objectives
H. Moellmann
 - 16:34 > Six-month outcomes of a novel self-expanding transcatheter heart valve
U. Schäfer
 - 16:41 > Time to React@PCR
 - 16:47 > Clinical performance of a novel transfemoral, supra-annular, early functional, retrievable transcatheter aortic valve system. One-year results of the pooled FIM and NAUTILUS trials
P. Lemos
 - 16:54 > Time to React@PCR
 - 17:00 > Transcatheter aortic valve replacement with a self-expanding bioprosthesis compared with surgical valve replacement in patients at intermediate risk for surgical mortality: results from the SURTAVI clinical trial
P.W. Serruys
 - 17:07 > Time to React@PCR
 - 17:13 > Impact of pacemaker implantation on clinical outcomes following treatment with a retrievable and fully repositionable aortic valve: a subanalysis of the REPRISE III randomised controlled clinical trial
C. Meduri
 - 17:20 > Time to React@PCR
 - 17:26 > Session evaluation and key learnings
M.B. Leon

16:30 - 17:30



ROOM 3
Level 01
Plenary

Transcatheter mitral valve replacement - Part I

Chairpersons: M. Haude, N. Moat
Panellists: P. Denti, T. Feldman, R. Lange, J.L. Navia

Attend this session if you want:

- ▶ To fully understand the anatomical and technical challenges associated with percutaneous mitral valve replacement
- ▶ To hear the latest outcome data concerning cutting-edge technologies with first-in-man experience
- ▶ To identify the limitations of currently available devices

- 16:30 ▶ Session objectives
M. Haude
- 16:33 ▶ Medtronic Intrepid
V. Bapat
- 16:42 ▶ Discussion and audience interaction
- 16:51 ▶ Abbott Tendyne
D. Muller
- 17:00 ▶ Discussion and audience interaction
- 17:09 ▶ Edwards CardiAQ
L. Sondergaard
- 17:18 ▶ Discussion and audience interaction
- 17:27 ▶ Session evaluation and key learnings
N. Moat

16:30 - 17:30



ROOM 4
Level 01
Abstracts

Percutaneous valve intervention: new devices, new approaches

Session comprising selected PCR London Valves 2017 abstract submissions

Chairpersons: M. Barbanti, S. Kische
Panellists: D. Hildick-Smith, S. Kar

- 16:30 ▶ Transcatheter tricuspid valve repair: initial results from the multicentre first-in-man trial
G. Nickenig
- 16:36 ▶ Discussion and audience interaction
- 16:40 ▶ Mid-term echocardiographic outcome in 25 patients with severe tricuspid regurgitation treated with transcatheter edge-to-edge repair using the MitraClip system
M. Orban
- 16:46 ▶ Discussion and audience interaction
- 16:50 ▶ TAVI for the treatment of degenerated aortic valves after David operation: in-hospital outcomes and mid-term follow-up. A retrospective single-centre case series of valve-in-tube procedures
F. Notaristefano
- 16:56 ▶ Discussion and audience interaction
- 17:00 ▶ Valve-in-valve in degenerated homo- and xenograft, special precautions to take?
G. Dahle
- 17:06 ▶ Discussion and audience interaction
- 17:10 ▶ LAA closure with a novel device; 30-day follow-up from a single-centre case series
P. Pagnotta
- 17:16 ▶ Discussion and audience interaction
- 17:20 ▶ New fully absorbable patch based large hole vascular closure device
M. Laule
- 17:26 ▶ Discussion and audience interaction

16:30 - 18:00



ROOM
LEARNING
Level 01

Focus on
Applied
Learning



APPLIED LEARNING in TAVI - Pushing the boundaries in technically-challenging patients

Facilitators: T. Lefèvre, D. Tchétché
Media Driver: M.Z. Khawaja

Attend this session if you want:

- ▶ To fully understand the situations where pushing the boundaries is appropriate or inappropriate
- ▶ To appreciate the importance of careful pre-procedural planning in high-risk patients
- ▶ To learn tips and tricks for avoiding (and getting out of) difficult situations in high-risk patients

16:30 - 17:30



**INTERACTIVE
CASE CORNER**
Level 01

Cases

- 16:30 > Transcatheter tricuspid repair - One-year staged procedure
C. Meduri
- 16:37 > Hybrid approach to close the huge aortic pseudoaneurysm post Bentall's surgery
J.L.K. Chan
- 16:44 > LAA closure and mitral mechanical prosthesis: what worries us most?
V. Cammaleri
- 16:51 > Changes in LAA dimensions after TAVR
L. Cressa
- 16:58 > A simple trick to prevent catheter-related bleeding in LAA closure
L. Cressa
- 17:06 > Successfully treated redo case of mitral paravalvular leaks by combined transapical and transeptal approach
T. Arita
- 17:14 > Multivalvular heart disease - When transcatheter valve therapy becomes a solution
L. Jamart
- 17:22 > Transapical beating heart mitral valve repair and the risk of left ventricular outflow tract obstruction
A. Gackowski

Complex valve procedures

Session comprising selected PCR London Valves 2017 clinical case submissions

Facilitators: M. Buch, E. Grube

17:30 - 18:30



MAIN ARENA
Level 01



- 17:30 > Patient presentation
A.S. Petronio
- 17:33 > Imaging analysis
M. Monaghan
- 17:38 > Strategic and technical discussion on the LIVE case
- 17:45 **Key objectives, strategy, tools and technique**
- 17:50 **LIVE case procedure from St Thomas' Hospital - London, United Kingdom**
- 18:20 **Time to React@PCR**

LIVE demonstration from St Thomas' Hospital London: transvenous tricuspid valve-in-valve

Chairpersons: A. Linke, A.S. Petronio
Panellists: D. Dvir, Ö. Göktekin, R. Kornowski, P. Pibarot, M. Reardon
Operators: B. Prendergast, S. Redwood
Control Desk: C. Allen
React@PCR Moderator: H. McConkey

16:30 - 17:30



**BOSTON
SCIENTIFIC**
Level 01

Training Village

Optimising TAVI portfolio: choosing the right valve for each patient

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

- 17:00 -

17:00 - 18:15



**EDWARDS
LIFSCIENCES
AORTIC**
Level 01

Training Village

CT imaging acquisition and interpretation initiative for balloon expandable transcatheter heart valves

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

17:00 - 17:30



**EDWARDS
LIFSCIENCES
MITRAL**
Level 01

Focus on Imaging

Training Village

Cardioband patient screening: how to select the right patients for the Edwards Cardioband system

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

17:35 - 18:35

ROOM 2
Level 01
Plenary

Randomised trials of TAVI in intermediate-risk patients - Implications for everyday practice

Chairpersons: N. Moat, S. Windecker
Panellists: R. Bhindi, N. Dumonteil, R. Makkar, H. Treede
React@PCR Moderator: T. Patterson

Attend this session if you want:

- To learn more about the outcome of TAVI and surgical aortic valve replacement in intermediate surgical risk patients
- To understand how your Heart Team should apply this information in routine clinical practice
- To appreciate the remaining unanswered questions and how these will be addressed in future trials

- 17:35 ➤ Session objectives
S. Windecker
- 17:38 ➤ The take-home messages from PARTNER 2
G. Fontana
- 17:44 ➤ Time to React@PCR
- 17:49 ➤ The new information from SURTAVI
J.J. Popma
- 17:55 ➤ Time to React@PCR
- 18:00 ➤ How do these trials affect my daily practice?
P. MacCarthy
- 18:06 ➤ Time to React@PCR
- 18:11 ➤ How do these trials fit with new European and US guidelines?
A. Vahanian
- 18:17 ➤ Time to React@PCR
- 18:22 ➤ Unanswered questions and forthcoming trials
L. Sondergaard
- 18:28 ➤ Time to React@PCR
- 18:33 ➤ Session evaluation and key learnings
N. Moat

17:35 - 18:35

ROOM 3
Level 01
Plenary

Transcatheter mitral valve replacement - Part II

Chairpersons: M.B. Leon, T. Modine
Panellists: G. Gerosa, J. Leipsic, C. Meduri, C. Tamburino

Attend this session if you want:

- To fully understand the anatomical and technical challenges associated with percutaneous mitral valve replacement
- To hear the latest outcome data concerning cutting-edge technologies with first-in-man experience
- To identify the limitations of currently available devices

- 17:35 ➤ Session objectives
T. Modine
- 17:38 ➤ HighLife
R. Lange
- 17:47 ➤ Discussion and audience interaction
- 17:56 ➤ Neovasc
A. Cheung
- 18:05 ➤ Discussion and audience interaction
- 18:14 ➤ Caisson
M. Williams
- 18:23 ➤ Discussion and audience interaction
- 18:32 ➤ Session evaluation and key learnings
M.B. Leon

17:35 - 18:35

ROOM 4
Level 01Focus on
International
Collaboration

Cases

International forum: China, Hong-Kong and Japan share their most educational cases

Session comprising selected PCR London Valves 2017 clinical case submissions

Chairpersons: M. Chen, C.K. Naber, S. Saito

Panellists: K. Hayashida, M.K.Y. Lee, Y. Wu (pending confirmation)

Attend this session if you want:

- ▶ To understand the specific anatomical challenges in Asian patients and differences between Asian nations
- ▶ To share knowledge concerning specific complications
- ▶ To learn how to manage TAVI complications during TAVI in Asian cohorts

- 17:35 ▶ PCR London Valves welcomes China, Hong-Kong and Japan
M. Chen
- 17:37 ▶ Case 1: transright atrial approach for valve-in-valve tricuspid valve replacement
D. Chan
- 17:41 ▶ How would I treat the case?
Y. Feng
- 17:45 ▶ Discussion and audience interaction
- 17:48 ▶ How did I treat the case?
D. Chan
- 17:51 ▶ Case 2: delayed coronary artery occlusion leading to cardiogenic shock after self-expandable transcatheter heart valve implantation
T. Sakamoto
- 17:55 ▶ How would I treat the case?
S.H.G. Cheung
- 17:59 ▶ Discussion and audience interaction
- 18:02 ▶ How did I treat the case?
T. Sakamoto
- 18:05 ▶ Case 3: a case of simultaneous thoracic endovascular repair for coarctation of the aorta and aortic valve implantation for bicuspid aortic valve dysfunction
Y. Mizutani
- 18:09 ▶ How would I treat the case?
J.L.K. Chan
- 18:13 ▶ Discussion and audience interaction
- 18:16 ▶ How did I treat the case?
Y. Mizutani
- 18:19 ▶ Case 4: TAVI in a patient with minimally calcified bicuspid aortic valve stenosis and iliac artery thrombosis
T.Y. Xiong
- 18:23 ▶ How would I treat the case?
Y. Watanabe
- 18:27 ▶ Discussion and audience interaction
- 18:30 ▶ How did I treat the case?
T.Y. Xiong
- 18:33 ▶ Session evaluation and key learnings
S. Saito

- 08:00 -

08:00 - 09:00



MAIN ARENA
Level 01



**LIVE demonstration from
Universitäres Herzzentrum
Rostock, Germany: transfemoral
TAVI - new devices**

Chairpersons: C.K. Naber, C. Tamburino
Panellists: J. Byrne, S. Kodali, M.K.Y. Lee,
N. Moat, F. Nietlispach, E. Tay
Operators: A. Öner, H. Ince
Control Desk: P. Thériault-Lauzier
React@PCR Moderator: J. Joseph

- 08:00 > Patient presentation
C.K. Naber
- 08:03 > Imaging analysis
D. Mylotte
- 08:08 > Strategic and technical discussion on the
LIVE case
- 08:15 **Key objectives, strategy, tools and
technique**
- 08:20 **LIVE case procedure from Universitäres
Herzzentrum - Rostock, Germany**
- 08:50 **Time to React@PCR**

08:00 - 09:30



ROOM 2
Level 01

Case-Based
Plenary

**Case-based learning for the
Heart Valve Team: alternative
access for TAVI**

Chairpersons: A. Colombo, O. Wendler
Panellists: M. Abdel-Wahab, M.
Chandavimol, S. Redwood, T. Walther
React@PCR Moderator: H. McConkey

Attend this session if you want:

- > To appreciate the remaining limitations of transfemoral access for TAVI
 - > To learn more about established and emerging access routes for non-femoral TAVI
 - > To learn how to select the optimal mode of access for TAVI in your everyday clinical practice
- 08:00 > Session objectives
O. Wendler
 - 08:05 > Femoral and non-femoral access for TAVI: state-of-the-art 2017
D. Tchétché
 - 08:13 > Time to React@PCR
 - 08:20 > Case 1: challenging transfemoral access
T. Pilgrim
 - 08:27 > Time to React@PCR
 - 08:33 > Case 2: transapical access
G. Lucchese
 - 08:40 > Time to React@PCR
 - 08:46 > Case 3: transaxillary access
U. Schäfer
 - 08:53 > Time to React@PCR
 - 08:59 > Case 4: transcarotid access
T. Modine
 - 09:06 > Time to React@PCR
 - 09:12 > Case 5: transcaval access
A. Greenbaum
 - 09:19 > Time to React@PCR
 - 09:25 > Session evaluation and key learnings
A. Colombo

08:00 - 09:30



ROOM 3
Level 01

Case-Based
Plenary

Case-based learning for the Heart Valve Team: direct percutaneous mitral annuloplasty

Chairpersons: *D. Capodanno, A. Latib*
Panellists: *G. Gerosa, F. Maisano, M. Monaghan, G. Nickenig*

Attend this session if you want:

- ▶ To appreciate the role of the Heart Team in the assessment of patients with mitral valve disease
- ▶ To understand how clinical and anatomical characteristics of the mitral valve can influence patient and device selection
- ▶ To improve your understanding of how to undertake successful direct percutaneous mitral annuloplasty using the Cardioband device

- 08:00 ▶ Session objectives
D. Capodanno
- 08:03 ▶ Clinical case presentation
K.H. Kuck
- 08:15 ▶ Discussion and audience interaction
- 08:25 ▶ Device presentation: Cardioband
H. Moellmann
- 08:35 ▶ Discussion and audience interaction
- 08:45 ▶ Procedural considerations
F. Maisano
- 08:57 ▶ Discussion and audience interaction
- 09:07 ▶ Post-procedural management and clinical outcomes
E. Grube
- 09:17 ▶ Discussion and audience interaction
- 09:27 ▶ Session evaluation and key learnings
A. Latib

08:00 - 09:30



ROOM 4
Level 01

Abstracts

Percutaneous mitral valve repair - early and long-term outcomes

Session comprising selected PCR London Valves 2017 abstract submissions

Chairpersons: *M. Buch, S. Kar*
Panellists: *G. D'Ancona, P. Denti*

- 08:00 ▶ 30-day outcomes from a pre-market study of a transcatheter mitral valve repair system
A. Gackowski
- 08:08 ▶ Discussion and audience interaction
- 08:13 ▶ Procedural to three year outcomes of transcatheter annular reduction therapy for functional mitral regurgitation
B. Prendergast
- 08:19 ▶ Discussion and audience interaction
- 08:22 ▶ Multicentre trial results of the transcatheter mitral valve repair system for functional mitral regurgitation
A. Vahanian
- 08:28 ▶ Discussion and audience interaction
- 08:33 ▶ Beating-heart ePTFE preformed knot MVR improves size and shape of mitral annulus
A. Gackowski
- 08:39 ▶ Discussion and audience interaction
- 08:44 ▶ Impact on clinical outcomes of intraprocedural left atrial pressure monitoring during percutaneous edge-to-edge mitral valve repair
T. Benito-González
- 08:50 ▶ Discussion and audience interaction
- 08:55 ▶ Single-centre transcatheter mitral valve repair for severe mitral regurgitation using the harpoon device: periprocedural imaging guidance and 30-Day outcome
A. Duncan
- 09:01 ▶ Discussion and audience interaction
- 09:06 ▶ Cardiac biomarkers in patients with mitral regurgitation undergoing percutaneous edge-to-edge mitral valve repair: insights from soluble ST2
T. Benito-González
- 09:13 ▶ Discussion and audience interaction
- 09:18 ▶ Percutaneous edge-to-edge repair of recurrent severe mitral regurgitation after surgical mitral valve repair
D. Braun
- 09:25 ▶ Discussion and audience interaction

08:00 - 09:30

ROOM
LEARNING
Level 01

Focus on
Essential
Learning



ESSENTIAL LEARNING in percutaneous mitral intervention - Mitral edge-to-edge repair using a step-by-step approach

Facilitators: C. Grasso, F. Praz
Expert Panellist: C. Hammerstingl
Media Driver: T. Patterson

Attend this session if you want:

- ▶ To learn how to assess and select patients for mitral edge-to-edge repair
- ▶ To understand the crucial role of imaging in patient selection and procedural guidance
- ▶ To appreciate the key tips and tricks to ensure procedural success

During each workshop of 50 minutes, participants will have the opportunity to gain additional experience through customised hands-on sessions on stand-alone softwares (ie. 3mensio or Osirix)
Participants are invited to bring their own cases

08:00 - 08:45

INTERACTIVE
CASE CORNER
Level 01

Cases

- 08:00 ▶ Acute embolisation of MitraClip rescued by snaring
K.K. Yeo
- 08:09 ▶ Cardiogenic shock treated with MitraClip
C. Undemir
- 08:18 ▶ Mitral valve chordal entrapment: spaghetti technique for percutaneous mitral repair
S. Gafoor
- 08:27 ▶ Percutaneous mitral valve repair in a patient with pectus excavatum: would you lose your bearings?
R. Nerla
- 08:36 ▶ Late failure after optimal MitraClip implantation

Complications of mitral edge-to-edge repair

Session comprising selected PCR London Valves 2017 clinical case submissions

Facilitators: D. Muller, J.J. Popma

08:00 - 09:00

EDWARDS
LIFESCIENCES
MITRAL
Level 01

Training Village

Cardioband procedure training: how to master the Edwards Cardioband system procedure

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

08:30 - 09:20

MEDTRONIC
Level 01

Focus on
Imaging

Training Village

Customised sizing workshops on stand-alone softwares

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

08:50 - 09:35

INTERACTIVE
CASE CORNER
Level 01

Cases
08:50

TAVI in difficult anatomy

Session comprising selected PCR London Valves
2017 clinical case submissions

Facilitators: P. Chiam, A. Witkowski

- 08:50 > Left ventricular outflow tract decalcification prior to TAVI: a simple way to prevent paravalvular leakage and mechanical complications
A.G. Cerillo
- 08:58 > Is contrast-enhanced CT necessary for emergent balloon aortic valvuloplasty?
T. Kawaguchi
- 09:06 > Successful transfemoral TAVI in a patient with horizontal aorta and severe calcification of the left ventricular outflow tract
K. Kontoprias
- 09:14 > Transfemoral TAVI with severe iliac bilateral obstructive disease
F. Penaloza
- 09:21 > Riding through twisty roads: Evolut R crossing a severely tortuous and calcified aorta
R. Nerla
- 09:28 > TAVI in extreme tortuosity: buddy wire technique
P. Dardas

- 09:00 -

09:00 - 09:30

MAIN ARENA
Level 01

Plenary



Changing the paradigm in valvular heart disease - Beyond guidelines

Supported by an unrestricted educational grant from Edwards Lifesciences

Moderator: P. MacCarthy

Panellists: S. Berti, G. Brueren, W. Woan

Attend this session if you want:

- > To focus on patients and their access to treatment
 - > To reflect on the disparity in therapy adoption throughout EU
 - > To learn how to improve diagnosis and referral rates
- 09:00 > Introduction
P. MacCarthy
 - 09:05 > Awareness
W. Woan
 - 09:09 > Ask
G. Brueren
 - 09:13 > Adapt Care Path
G. Brueren
 - 09:17 > Access
S. Berti
 - 09:22 > Action
P. MacCarthy, W. Woan
 - 09:28 > Closing video

09:00 - 10:30

ABBOTT
Level 01

Focus on
Imaging

Training Village

Beating Heart: a different perspective to the MitraClip therapy

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

09:00 - 10:00

BOSTON
SCIENTIFIC
Level 01

Training Village

ACURATE neo implantation procedure and tips and tricks

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

09:00 - 10:15

EDWARDS
LIFESCIENCES
AORTIC
Level 01

Focus on
Imaging

Training Village

CT imaging acquisition and interpretation initiative for balloon expandable transcatheter heart valves

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

09:00 - 09:30

EDWARDS
LIFESCIENCES
MITRAL
Level 01

Focus on
Imaging

Training Village

Cardioband patient screening: how to select the right patients for the Edwards Cardioband system

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

09:35 - 10:35



MAIN ARENA
Level 01

Plenary

The new ESC guidelines for valvular heart disease

Moderators: B. Prendergast, A. Vahanian
Discussants: J. Bax, T. Feldman, H. Treede, S. Windecker
React@PCR Moderator: M.Z. Khawaja (pending confirmation)

Attend this session if you want:

- To hear a focussed summary of the essential elements of the new ESC Guidelines on Valvular Heart Disease
- To appreciate the key clinical evidence supporting the new guideline recommendations
- To fully understand the impact of the new guidelines on your daily clinical practice

- 09:35 ➤ Session objectives
A. Vahanian
- 09:40 ➤ The 2017 ESC Guidelines on Valvular Heart Disease: what's new and why?
C. Hamm
- 09:47 ➤ Time to React@PCR
- 09:57 ➤ Implementing the guidelines in daily clinical practice
O. Wendler
- 10:04 ➤ Time to React@PCR
- 10:14 ➤ What's missing - where do we need more evidence?
V. Falk
- 10:21 ➤ Time to React@PCR
- 10:31 ➤ Session evaluation and key learnings
A. Vahanian

Download the new ESC Guidelines for valvular heart disease here:
<https://www.escardio.org/Guidelines/Clinical-Practice-Guidelines/Valvular-Heart-Disease-Management-of>

09:35 - 10:35



ROOM 2
Level 01

Plenary

Bioprosthetic valve failure and structural deterioration - New definitions and treatment options

Chairpersons: H. Moellmann, C.K. Naber
Panellists: V. Bapat, H. Eltchaninoff, S. Redwood, J. Webb
React@PCR Moderator: H. McConkey

Attend this session if you want:

- To appreciate the clinical impact of bioprosthetic valve failure and structural deterioration
- To understand the implications of new standardised definitions for the clinical follow-up of your patients
- To learn more about the current options for percutaneous treatment of degenerating surgical and transcatheter valves

- 09:35 ➤ Session objectives
H. Moellmann
- 09:39 ➤ Why do bioprosthetic valves fail? Epidemiology and pathophysiology
D. Dvir
- 09:46 ➤ Time to React@PCR
- 09:52 ➤ New standardised definitions of structural deterioration and valve failure
A.S. Petronio
- 09:59 ➤ Time to React@PCR
- 10:05 ➤ Valve-in-valve TAVI - Pre-procedural planning and device implantation
S.J.D. Brecker
- 10:12 ➤ Time to React@PCR
- 10:18 ➤ TAVI-in-TAVI - Current status and future pitfalls
R. Makkar
- 10:25 ➤ Time to React@PCR
- 10:31 ➤ Session evaluation and key learnings
C.K. Naber

09:35 - 10:35



ROOM 3
Level 01

Case-Based
Plenary

Case-based learning for the Heart Valve Team: hybrid techniques for percutaneous mitral valve repair

Chairpersons: P. Denti, N. Piazza
Panellists: N. Moat, U. Schäfer, L. Vaskelyte, R.S. Von Bardeleben

Attend this session if you want:

- › To appreciate the role of the Heart Team in the assessment of patients with mitral valve disease
- › To understand how clinical and anatomical characteristics of the mitral valve can influence patient and device selection
- › To improve your understanding of how complementary hybrid techniques can be used to undertake successful percutaneous mitral valve repair

- 09:35 › Session objectives
P. Denti
- 09:38 › Clinical case presentation
C. Grasso
- 09:47 › Discussion and audience interaction
- 09:56 › Device and procedural considerations
R.S. Von Bardeleben
- 10:05 › Discussion and audience interaction
- 10:14 › Post-procedural management and clinical outcomes
A. Colli
- 10:23 › Discussion and audience interaction
- 10:32 › Session evaluation and key learnings
N. Piazza

09:35 - 10:35



ROOM 4
Level 01

Focus on
Nurses and
Allied
Professionals

Focus on
Essential
Learning
Plenary

ESSENTIAL TAVI: pre-procedural assessment for nurses and allied professionals

Chairpersons: M. Gilard, K. Wilson
Panellists: V. Delgado, H.L. Kao, R. Nerla, G. Yucel

Attend this session if you want:

- › To appreciate the components of a contemporary TAVI work-up
- › To fully understand the findings of diagnostic tests undertaken before a TAVI procedure
- › To learn more about the new core curriculum for structural heart disease nurse specialists

- 09:35 › Session objectives
K. Wilson
- 09:38 › The TAVI work-up: what do we need to know?
B. Wulff
- 09:44 › Discussion and audience interaction
- 09:49 › The echocardiogram report: what does it all mean?
J. Hancock
- 09:55 › Discussion and audience interaction
- 10:00 › The TAVI CT report: what does it all mean?
R. Rajani
- 10:06 › Discussion and audience interaction
- 10:11 › Team preparation for structural heart interventions
P. Ghandour
- 10:17 › Discussion and audience interaction
- 10:22 › Professional development for structural heart disease nurse specialists - The new EAPCI core curriculum
L. Hinterbuchner
- 10:28 › Discussion and audience interaction
- 10:33 › Session evaluation and key learnings
M. Gilard

09:35 - 10:35



ROOM
LEARNING
Level 01

Focus on
Applied
Learning



APPLIED LEARNING in percutaneous mitral intervention - Annuloplasty or edge-to-edge repair in functional mitral regurgitation?

Facilitators: A. Latib, F. Maisano
Media Driver: S. Cannata

Attend this session if you want:

- › To learn how to assess and select patients for mitral valve repair procedures
- › To appreciate the range of percutaneous treatment options for functional mitral regurgitation
- › To understand the practical differences between percutaneous annuloplasty and edge-to-edge repair

09:40 - 10:40

INTERACTIVE
CASE CORNER
Level 01

Cases

09:40

▶ Severe aortic regurgitation after TAVI - A unique treatment option
P. CHANDRA

09:49

▶ Closing TAVI leaks. The hidden hook
R. Lezaun

09:57

▶ TAVI in chronic aortic dissection: double right distal axillary artery access
G.P. Ussia

10:06

▶ TAVI for severe chronic aortic regurgitation and dilated aortic root
S.H.G. Cheung

10:14

▶ Is it worth to treat severe aortic regurgitation with TAVI in patients with ventricular assistance device?
M. D'Amico

10:23

▶ Transfemoral TAVI for treatment of severe aortic regurgitation in a patient with previous aortic valve sparing operation according to David
L. Favero

10:31

▶ Double TAVI to treat aortic insufficiency and shock in a patient with left ventricular assist device
H. Ahmad

TAVI and aortic regurgitation

Session comprising selected PCR London Valves 2017 clinical case submissions

Facilitators: *D. Blackman, J. Mehilli*

- 10:00 -

10:00 - 10:50

MEDTRONIC
Level 01

Focus on
Imaging

Training Village

How to use imaging and sizing to achieve better outcomes in challenging cases

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

During this 50 min session, the audience will select 3 cases they wish to discuss with the faculty. The cases will cover the challenging aspects of the following situations: valve-in-valve, challenging access, extreme calcification, severe aortic stenosis + aortic regurgitation and a small anatomy

10:30 - 11:30

BOSTON
SCIENTIFIC
Level 01

Training Village

Learn how to realise intuitive implant with the new ACURATE neo TA

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

10:30 - 11:30

EDWARDS
LIFESCIENCES
MITRAL
Level 01

Training Village

Cardioband procedure training: how to master the Edwards Cardioband system procedure

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

10:35 - 11:00

POSTERS'LAB
Level 01

Moderated
Posters

Moderated posters: TAVI outcomes

Session comprising selected PCR London Valves 2017 abstract submissions

Facilitators: *Ö. Göktekin, A. Witkowski*

10:35

▶ Three-year outcomes with a fully repositionable and retrievable percutaneous aortic valve in 250 high surgical risk patients: results from the REPRISE II trial extended cohort
D. Tchétché

10:40

▶ Discussion and audience interaction

10:43

▶ Transfemoral TAVI or surgery for intermediate-risk patients: a meta-analysis of randomised trials
C. Dowling

10:48

▶ Discussion and audience interaction

10:51

▶ Influence of gender on clinical outcomes following TAVI with a retrievable and fully repositionable aortic valve: a subanalysis of the RESPOND post-market study
A.S. Petronio

10:56

▶ Discussion and audience interaction

- 11:00 -

11:00 - 11:30

MAIN ARENA
Level 01

Plenary

Keynote lecture - Valve surgery and valve surgeons: past, present and future

Chairpersons: *F. Maisano, S. Windecker*
Panellists: *O. Alfieri, P. Denti, T. Feldman, S. Kar, K.H. Kuck, K.K. Yeo*

11:00

▶ Introduction
F. Maisano

11:02

▶ Valve surgery and valve surgeons: past, present and future
O. Alfieri

11:28

▶ Note of thanks
S. Windecker

11:00 - 12:30

ROOM 2
Level 01
Plenary

TAVI in bicuspid aortic valve disease

Chairpersons: *T. Modine, S. Saito*
Panellists: *M. Barbanti, M. Chen, D. Mylotte, S. Redwood*
React@PCR Moderator: *S. Cannata*

Attend this session if you want:

- ▶ To fully understand the issues associated with percutaneous treatment of bicuspid aortic valve disease
- ▶ To learn from instructive cases undertaken by experienced operators
- ▶ To hear more about the latest device designs for this challenging patient subset

- 11:00 ▶ Session objectives
T. Modine
- 11:05 ▶ The scale of the problem - Epidemiology, anatomy and pathophysiology
M.K.Y. Lee
- 11:13 ▶ Time to React@PCR
- 11:20 ▶ Defining the issues - Pre-procedural imaging
N. Piazza
- 11:28 ▶ Time to React@PCR
- 11:35 ▶ Defining the issues - Valve implantation
D. Mylotte
- 11:43 ▶ Time to React@PCR
- 11:50 ▶ Learning from experience: a case that went well
E. Tay
- 11:55 ▶ Time to React@PCR
- 12:00 ▶ Learning from experience: a case that went badly
K. Hayashida
- 12:05 ▶ Time to React@PCR
- 12:10 ▶ Dedicated devices for bicuspid aortic valve disease
M. Abdel-Wahab
- 12:18 ▶ Time to React@PCR
- 12:25 ▶ Session evaluation and key learnings
S. Saito

11:00 - 12:30

ROOM 3
Level 01
Case-Based
Plenary

Case-based learning for the Heart Valve Team: indirect percutaneous mitral annuloplasty

Chairpersons: *N. Dumonteil, L. Sondergaard*
Panellists: *V. Delgado, C. Ruiz, H. Treede, R.S. Von Bardeleben*

Attend this session if you want:

- ▶ To appreciate the role of the Heart Team in the assessment of patients with mitral valve disease
- ▶ To understand how clinical and anatomical characteristics of the mitral valve can influence patient and device selection
- ▶ To improve your understanding of how to undertake successful indirect percutaneous mitral annuloplasty using the Carillon device

- 11:00 ▶ Session objectives
N. Dumonteil
- 11:03 ▶ Clinical case presentation
C. Hammerstingl
- 11:15 ▶ Discussion and audience interaction
- 11:25 ▶ Device presentation: Carillon
H. Sievert
- 11:35 ▶ Discussion and audience interaction
- 11:45 ▶ Procedural considerations
R.S. Von Bardeleben
- 11:57 ▶ Discussion and audience interaction
- 12:07 ▶ Post-procedural management and clinical outcomes
M. Haude
- 12:17 ▶ Discussion and audience interaction
- 12:27 ▶ Session evaluation and key learnings
L. Sondergaard

11:00 - 11:45



ROOM 4
Level 01

Focus on
Nurses and
Allied
Professionals

Focus on
Essential
Learning

Plenary

11:00

11:03

11:08

11:13

11:18

11:23

11:28

11:33

11:38

11:43

Clinical pathways for percutaneous valve interventions

Chairpersons: *L. Hinterbuchner, T. Pilgrim*
Panellists: *R. Bhindi, J. Byrne, R. Hahn, J. Mehilli*

Attend this session if you want:

- ▶ To learn more about how the aortic and mitral valves work and what happens when they become diseased
- ▶ To improve your understanding of clinical pathways for patients requiring valve intervention
- ▶ To share ways to improve the efficiency of your percutaneous valve service

- ▶ Session objectives
T. Pilgrim
- ▶ Aortic stenosis: anatomy, physiology and pathology
M. De Ronde
- ▶ Discussion and audience interaction
- ▶ Aortic stenosis: patient pathways
A. Wollaston
- ▶ Discussion and audience interaction
- ▶ Mitral regurgitation: anatomy, physiology and pathology
S. Buendia Martinez
- ▶ Discussion and audience interaction
- ▶ Mitral regurgitation: patient pathways
L. Kelly
- ▶ Discussion and audience interaction
- ▶ Session evaluation and key learnings
L. Hinterbuchner

11:00 - 12:30



ROOM LEARNING
Level 01

Focus on
Applied
Learning



APPLIED LEARNING in percutaneous mitral intervention - Mitral valve-in-valve and valve-in-ring implantation via transeptal access

Facilitators: *V. Bapat, H. Moellmann*
Media Driver: *D. Natarajan*

Attend this session if you want:

- ▶ To learn how to assess and select patients for mitral valve-in-valve and valve-in-ring interventions
- ▶ To understand how to access the mitral valve via transeptal approach
- ▶ To know more about how to avoid and manage the potential pitfalls of the procedure

11:00 - 11:45



INTERACTIVE CASE CORNER
Level 01

Burning
Questions

11:00 - 12:30



ABBOTT
Level 01

Focus on
Imaging

Training Village

11:00 - 12:15



EDWARDS LIFESCIENCES AORTIC
Level 01

Focus on
Imaging

Training Village

11:30 - 12:30



MAIN ARENA
Level 01



Question Time: implications of the new ESC Guidelines for valvular heart disease for daily clinical practice

Facilitators: *D. Capodanno, C.K. Naber*
Experts: *J. Bax, H. Eltchaninoff, V. Falk, C. Hamm*

Download the new ESC guidelines for valvular heart disease here:
<https://www.escardio.org/Guidelines/Clinical-Practice-Guidelines/Valvular-Heart-Disease-Management-of>

Beating Heart: a different perspective to the MitraClip therapy

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

CT imaging acquisition and interpretation initiative for balloon expandable transcatheter heart valves

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

LIVE demonstration from Universitäres Herzzentrum Rostock, Germany: mitral edge-to-edge repair for functional mitral regurgitation

Chairpersons: *F. Maisano, S. Windecker*
Panellists: *O. Alfieri, P. Denti, T. Feldman, S. Kar, K.H. Kuck, K.K. Yeo*
Operators: *H. Ince, S. Kische, A. Neuhausen*
Control Desk: *F.A. Cura (pending confirmation)*
React@PCR Moderator: *H. McConkey*

- 11:30 ▶ Patient presentation
S. Windecker
- 11:33 ▶ Imaging analysis
J. Hancock
- 11:38 ▶ Strategic and technical discussion on the LIVE case
- 11:45 **Key objectives, strategy, tools and technique**
- 11:50 **LIVE case procedure from Universitäres Herzzentrum - Rostock, Germany**
- 12:20 **Time to React@PCR**

11:30 - 12:00

EDWARDS
LIFESCIENCES
MITRAL
Level 01

Focus on
Imaging

Training Village

Cardioband patient screening: how to select the right patients for the Edwards Cardioband system

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

11:50 - 12:35

ROOM 4
Level 01

Focus on
Nurses and
Allied
Professionals
Plenary

Interactive case-based session: complication management for nurses and allied professionals

Facilitators: M. Bowers, N. Van Mieghem

Attend this session if you want:

- ▶ To improve your knowledge of procedural complication management
- ▶ To understand how nurses and allied health professionals can make a difference when procedural complications occur
- ▶ To improve team communication before, during and after a procedural complication

11:50 ▶ Session objectives
N. Van Mieghem

11:53 ▶ Case 1: peripheral vascular complication
D. Sparv

11:59 ▶ Discussion and audience interaction

12:06 ▶ Case 2: coronary complication
L. Middleton

12:12 ▶ Discussion and audience interaction

12:19 ▶ Case 3: neurological complication
M. De Ronde

12:25 ▶ Discussion and audience interaction

12:32 ▶ Session evaluation and key learnings
M. Bowers

11:50 - 12:35

INTERACTIVE
CASE CORNER
Level 01

Burning
Questions

Question Time: open forum on percutaneous valve intervention

Facilitators: H.L. Kao, P. MacCarthy
Experts: A. Latib, R. Makkar, D. Tchétché,
A. Vahanian

- 12:00 -

12:00 - 13:00

BOSTON
SCIENTIFIC
Level 01

Training Village

ACURATE neo clinical data

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

12:30 - 13:00

POSTERS'LAB
Level 01

Moderated
Posters

12:30

Moderated posters: TAVI in challenging situations

Session comprising selected PCR London Valves 2017 abstract submissions

Facilitators: R. Bhindi, D. Blackman

12:35

12:38

12:43

12:46

12:51

12:53

12:58

- ▶ Impact of preoperative frailty status as a predictor of outcomes following transfemoral TAVI
H. Suzuyama
- ▶ Discussion and audience interaction
- ▶ Multicentre evaluation of short-term outcome and haemodynamic performance of next generation self-expanding vs. balloon-expandable transcatheter aortic valves in patients with small aortic annulus
V. Mauri
- ▶ Discussion and audience interaction
- ▶ Hospital length of stay after TAVI: what are the baseline predictors and the peri-procedural determinants?
A. Frei
- ▶ Discussion and audience interaction
- ▶ TAVI for the treatment of severe aortic regurgitation with acute refractory cardiogenic shock: what else?
G. Achkouty
- ▶ Discussion and audience interaction

- 13:00 -

13:00 - 14:40

MAIN ARENA
Level 01

Tools and
Techniques



Edwards Cardioband Transcatheter Valve Repair System: expanding options for patients

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

13:00 - 14:15

EDWARDS
LIFESCIENCES
AORTIC
Level 01

Focus on
Imaging

Training Village

CT imaging acquisition and interpretation initiative for balloon expandable transcatheter heart valves

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

13:00 - 13:50



MEDTRONIC
Level 01

Focus on
Imaging

Training Village

Customised sizing workshops on stand-alone softwares

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

During each workshop of 50 minutes, participants will have the opportunity to gain additional experience through customised hands-on sessions on stand-alone softwares (ie. 3mensio or Osirix)
Participants are invited to bring their own cases

- 14:00 -

14:45 - 15:45



MAIN ARENA
Level 01



LIVE demonstration from Universitäres Herzzentrum Rostock, Germany: mitral edge-to-edge repair for ischaemic mitral regurgitation

Chairpersons: M. Haude, N. Piazza
Panellists: M. Monaghan, S. Redwood, C. Ruiz, D. Tchétché, O. Wendler, S. Windecker
Operators: H. Ince, M. Sherif
Control Desk: E. Tay
React@PCR Moderator: D. Natarajan

- 14:45 > Patient presentation
N. Piazza
- 14:48 > Imaging analysis
J. Hancock
- 14:53 > Strategic and technical discussion on the LIVE case
- 15:00 **Key objectives, strategy, tools and technique**
- 15:05 **LIVE case procedure from Universitäres Herzzentrum - Rostock, Germany**
- 15:35 **Time to React@PCR**

14:45 - 15:45



ROOM 2
Level 01

Plenary

Beyond guidelines - Emerging indications for TAVI

Chairpersons: J. Byrne, H. Moellmann
Panellists: J. Bax, P. Chiam, A. Witkowski
React@PCR Moderator: C. Allen

Attend this session if you want:

- > To hear the arguments for and against extension of the indications for TAVI
 - > To learn whether TAVI should be used more liberally in asymptomatic patients and in those with moderate aortic stenosis and symptoms
 - > To be updated with the latest information concerning TAVI for aortic regurgitation
- 14:45 > Session objectives
J. Byrne
 - 14:49 > The asymptomatic patient with severe aortic stenosis - Do excellent TAVI outcomes justify earlier intervention?
M.B. Leon
 - 14:58 > Time to React@PCR
 - 15:06 > The patient with symptoms and moderate aortic stenosis - Balloon valvuloplasty, TAVI or medical therapy?
H. Eltchaninoff
 - 15:15 > Time to React@PCR
 - 15:23 > The inoperable patient with severe aortic regurgitation - Current or new TAVI devices?
T. Modine
 - 15:32 > Time to React@PCR
 - 15:40 > Session evaluation and key learnings
H. Moellmann

14:45 - 15:45

ROOM 3
Level 01
Plenary

RAPID FIRE: innovations in percutaneous tricuspid intervention

Chairpersons: F. Maisano, A. Vahanian
Panellists: E. Grube, N. Moat, C. Tamburino, N. Van Mieghem

Attend this session if you want:

- ▶ To fully understand the anatomical and technical challenges associated with percutaneous tricuspid intervention
- ▶ To hear the latest outcome data concerning cutting-edge technologies with first-in-man experience
- ▶ To identify the limitations of currently available devices

- 14:45 ▶ Session objectives
A. Vahanian
- 14:48 ▶ TricValve - Clinical outcomes and current challenges
A. Lauten
- 14:53 ▶ 4Tech - Clinical outcomes and current challenges
P. Denti
- 14:58 ▶ Trialalign - Clinical outcomes and current challenges
R. Hahn
- 15:03 ▶ Discussion and audience interaction
- 15:15 ▶ MitraClip for tricuspid valve - Clinical outcomes and current challenges
C. Hammerstingl
- 15:20 ▶ FORMA - Clinical outcomes and current challenges
D. Dvir
- 15:25 ▶ Navigate Transcatheter tricuspid valve replacement - Clinical outcomes and current challenges
J.L. Navia
- 15:30 ▶ Discussion and audience interaction
- 15:42 ▶ Session evaluation and key learnings
F. Maisano

- 15:00 -

15:00 - 16:15

EDWARDS
LIFESCIENCES
AORTIC
Level 01
Focus on Imaging
Training Village

CT imaging acquisition and interpretation initiative for balloon expandable transcatheter heart valves

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

15:00 - 16:00

EDWARDS
LIFESCIENCES
MITRAL
Level 01
Training Village

Cardioband procedure training: how to master the Edwards Cardioband system procedure

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

15:45 - 16:30

MAIN ARENA
Level 01
Plenary

My worst moment during a transcatheter valve intervention

Chairpersons: M. Haude, N. Piazza
Panellists: M. Monaghan, S. Redwood, C. Ruiz, D. Tchétché, O. Wendler, S. Windecker
React@PCR Moderator: D. Natarajan

Attend this session if you want:

- ▶ To appreciate that serious complications can affect any operator and any patient
- ▶ To understand techniques for the effective prevention and management of life-threatening complications during transcatheter valve interventions
- ▶ To learn vital tips and tricks from high volume experienced operators

- 15:45 ▶ Session objectives
M. Haude
- 15:47 ▶ Case 1: rescue PCI for coronary ostial obstruction following self-expanding valve deployment
M. Chen
- 15:52 ▶ Time to React@PCR
- 15:55 ▶ Case 2: one patient, three valves, three major complications
C. Tamburino
- 16:00 ▶ Time to React@PCR
- 16:03 ▶ Case 3: don't pull the wire out
S. Kar
- 16:08 ▶ Time to React@PCR
- 16:11 ▶ Case 4: Corevalve implantation to resolve left ventricular outflow tract obstruction after valve-in-ring implantation
F. Maisano
- 16:16 ▶ Time to React@PCR
- 16:27 ▶ Session evaluation and key learnings
N. Piazza

- 16:00 -

16:00 - 16:30

EDWARDS
LIFESCIENCES
MITRAL
Level 01
Focus on Imaging
Training Village

Cardioband patient screening: how to select the right patients for the Edwards Cardioband system

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

16:30 - 16:45

MAIN ARENA
Level 01
Ceremony

Highlights of the Course

Chairpersons: M. Haude, N. Piazza
Panellists: M. Monaghan, S. Redwood, C. Ruiz, D. Tchétché, O. Wendler, S. Windecker

- 16:30 ▶ Concluding remarks
B. Prendergast

Detailed Sponsored Programme

- 12:00 -

12:00 - 13:00

EDWARDS
LIFESCIENCES
MITRAL
Level 01

Training Village

Cardioband procedure training: how to master the Edwards Cardioband system procedure

Sponsored by Edwards Lifesciences

Attend this session if you want:

- › To understand how to implant the Edwards Cardioband system
- › To experience first-hand the simplicity of the Edwards Cardioband implantation

Sessions to contain a mix of hands-on simulation and discussion with Edwards clinical specialists

- 12:00 › Introduction for the device, functionality, training process, Q&A
- 12:20 › Hands-on session with camera simulator

12:00 - 12:45

GE HEALTHCARE
Level 01

Focus on
Imaging

Training Village

Hands-on session on VALVE ASSIST 2 for TAVI

Sponsored by GE Healthcare

Attend this session if you want:

- › To learn and practice VALVE ASSIST 2 on our AW workstations to plan your TAVI procedure from CT scanner prior acquisition
- › To understand the benefit to use these information directly in the cathlab
- › To discover calcification enhancement mode to help you guide and assess your valve deployment

12:00 - 13:30

PHILIPS
HEALTHCARE
Level 01

Focus on
Imaging

Training Village

Which imaging modality do we need for mitral valve surgery and interventions?

Sponsored by Philips Healthcare

Physician Trainers: D. Arzamendi, J.C. Moreno Samos

Attend this session if you want:

- › To understand the anatomy of mitral valve through 3D echo, CT and MR data in surgical MV percutaneous repair/replacement
- › To understand and manipulate the multimodality imaging information needed/used during the treatment of a mitral valve insufficiency by MitraClip and mitral surgery
- › To understand the potential role of fusion imaging in mitral valve interventions
- › To understand what are the interventionists challenges

12:00 - 13:00

TOMTEC
Level 01

Focus on
Imaging

Training Village

Explore 4D MV-ASSESSMENT for the quantification of mitral valve dimensions based on 4D Echo

Sponsored by Tomtec

Attend this session if you want:

- › To learn the possibilities of TOMTEC's 4D MV-ASSESSMENT
- › To share your experience with other users
- › To measure mitral valve dimensions based on 4D Echo by yourself

- 13:00 -

13:00 - 13:30

EDWARDS
LIFESCIENCES
MITRAL
Level 01

Focus on
Imaging

Training Village

Cardioband patient screening: how to select the right patients for the Edwards Cardioband system

Sponsored by Edwards Lifesciences

Attend this session if you want:

- › To understand the screening requirements for the Edwards Cardioband system
- › To learn best practices on how to optimise patient selection

Sessions to contain interactive presentation and discussion with Edwards experts

- 13:00 › Introduction for therapy
- 13:05 › General guidance for patient selection
- 13:10 › Echo parameters and characteristics to consider (with examples)
- 13:20 › CT parameters and characteristics to consider (with examples)

13:00 - 13:45

GE HEALTHCARE
Level 01

Focus on
Imaging

Training Village

How to leverage advanced imaging for mitral valve paravalvular leak repairs, LAAC and atypical situations

Sponsored by GE Healthcare

Physician Trainer: P. Guerin

Attend this session if you want:

- › To learn how VALVE ASSIST 2 can help simplify the MitraClip planning with previously acquired CT scanner, including device sizing and determine optimal zone for the transeptal puncture
- › To learn how echocardiography and the overlay of CT images onto the fluoro live images helps guide the procedure
- 13:00 › Hands-on: practice and learn how to size and prepare your 3D volume from CT scan through hands-on sessions on AW workstation with VALVE ASSIST 2
- 13:25 › Leverage cases from Prof. Guerin, University Hospital Nantes

13:00 - 13:50

MEDTRONIC
Level 01

Focus on
Imaging
Training Village

Customised sizing workshops on stand-alone softwares

Sponsored by Medtronic

Attend this session if you want:

- ▶ To improve your imaging and sizing skills with a deep dive in the use of stand-alone imaging softwares (i.e 3Mensio and Osirix) for a more efficient TAVI procedure

Medtronic Clinical Imaging Screening Services for Heart Valve Therapies, with a unique expertise of more than 25,000 TAVI cases reviewed

During each workshop of 50 minutes, participants will have the opportunity to gain additional experience through customised hands-on sessions on stand-alone softwares (ie. 3mensio or Osirix)
Participants are invited to bring their own cases

13:30 - 14:30

MATERIALISE
Level 01

Focus on
Imaging
Training Village

Hands-on 3D patient planning for TMVR

Sponsored by Materialise

Attend this session if you want:

- ▶ To explore benefits of 3D patient planning for TMVR outcomes
 - ▶ To gain hands-on experience with device sizing and left ventricular outflow tract obstruction prediction in 3D
 - ▶ To understand why accurate 3D modeling gives more clinical insight to planning
- 13:30 ▶ The clinical need for 3D patient planning for TMVR: the Henry Ford experience
D.D. Wang
- 13:50 ▶ Mitral planning in mimics : the exclusive launch workshop

13:30 - 14:30

TOMTEC
Level 01

Focus on
Imaging
Training Village

Explore 4D MV-ASSESSMENT for the quantification of mitral valve dimensions based on 4D Echo

Sponsored by Tomtec

Attend this session if you want:

- ▶ To learn the possibilities of TOMTEC's 4D MV-ASSESSMENT
- ▶ To share your experience with other users
- ▶ To measure mitral valve dimensions based on 4D Echo by yourself

13:45 - 14:45

PHILIPS HEALTHCARE
Level 01

Focus on
Imaging
Training Village

Multi-imaging fusion technology to guide SHD interventions - Experiences/cases for debate

Sponsored by Philips Healthcare

Physician Trainers: M. Monaghan, R.S. Von Bardeleben

Attend this session if you want:

- ▶ To learn how fusion imaging (CT and angio - US and angio) helps to:
 - Improve diagnostic confidence of targeting and positioning of interventional devices and communication between operators
 - Shorten the procedure timing: time to puncture / time to clip
 - Reduce contrast agent used and radiation dose
 - Visualise better or in a different way certain anatomy
 - Define the line of perpendicularity on pre-procedural planning for TAVR
 - Increase in patient safety

- 14:00 -

14:00 - 15:00

EDWARDS LIFESCIENCES
MITRAL
Level 01

Training Village

Cardioband procedure training: how to master the Edwards Cardioband system procedure

Sponsored by Edwards Lifesciences

Attend this session if you want:

- ▶ To understand how to implant the Edwards Cardioband system
- ▶ To experience first-hand the simplicity of the Edwards Cardioband implantation

Sessions to contain a mix of hands-on simulation and discussion with Edwards clinical specialists

- 14:00 ▶ Introduction for the device, functionality, training process, Q&A
- 14:20 ▶ Hands-on session with camera simulator

14:00 - 14:45

GE HEALTHCARE
Level 01

Focus on
Imaging
Training Village

Hands-on session on VALVE ASSIST 2 for TAVI

Sponsored by GE Healthcare

Attend this session if you want:

- ▶ To learn and practice VALVE ASSIST 2 on our AW workstations to plan your TAVI procedure from CT scanner prior acquisition
- ▶ To understand the benefit to use these information directly in the cathlab
- ▶ To discover calcification enhancement mode to help you guide and assess your valve deployment

14:00 - 14:50

MEDTRONIC
Level 01

Focus on
Imaging

Training Village

How to use imaging and sizing to achieve better outcomes in challenging cases

Sponsored by Medtronic

Physician Trainer: D. Mylotte

Attend this session if you want:

- ▶ To learn more about TAVI advanced techniques in imaging, patient sizing and selection to obtain optimal patient outcomes in challenging cases, through case-sharing experiences

During this 50 min session, the audience will select 3 cases they wish to discuss with the faculty. The cases will cover the challenging aspects of the following situations: valve-in-valve, challenging access, extreme calcification, severe aortic stenosis + aortic regurgitation and a small anatomy

14:30 - 15:30

BOSTON
SCIENTIFIC
Level 01

Training Village

Optimising TAVI portfolio: choosing the right valve for each patient

Sponsored by Boston Scientific

Physician Trainer: S. Khogali

Attend this session if you want:

- ▶ To learn how to select the right valve for each patient profile by leveraging a TAVI portfolio

Meet the expert and have a comprehensive overview of how to optimise TAVI by leveraging a TAVI portfolio through presentation and hands-on sessions

- 15:00 -

15:00 - 16:30

ABBOTT
Level 01

Focus on
Imaging

Training Village

Beating heart: a different perspective to the MitraClip therapy

Sponsored by Abbott

Attend this session if you want:

- ▶ To evaluate the challenges of actual imaging techniques
- ▶ To visualise all the aspects of MitraClip in a Beating Heart situation
- ▶ To discuss MitraClip tips and tricks

Discover MitraClip technology in Beating Heart simulation

15:00 - 15:30

EDWARDS
LIFESCIENCES
MITRAL
Level 01

Focus on
Imaging

Training Village

Cardioband patient screening: how to select the right patients for the Edwards Cardioband system

Sponsored by Edwards Lifesciences

Attend this session if you want:

- ▶ To understand the screening requirements for the Edwards Cardioband system
- ▶ To learn best practices on how to optimise patient selection

Sessions to contain interactive presentation and discussion with Edwards experts

- 15:00 ▶ Introduction for therapy
- 15:05 ▶ General guidance for patient selection
- 15:10 ▶ Echo parameters and characteristics to consider (with examples)
- 15:20 ▶ CT parameters and characteristics to consider (with examples)

15:00 - 15:45

GE HEALTHCARE
Level 01

Focus on
Imaging

Training Village

How to leverage advanced imaging for mitral valve paravalvular leak repairs, LAAC and atypical situations

Sponsored by GE Healthcare

Physician Trainer: P. Guerin

Attend this session if you want:

- ▶ To learn how to determine optimal zone for the transeptal puncture
- ▶ To understand how to find your way to the valve thanks to CT overlay on the fluoro images
- ▶ To use echocardiography to position your device and assess success of the procedure
- 15:00 ▶ Hands-on: practice and learn how to prepare your 3D volume from CT scan with zones of interest through hands-on sessions on AW workstation with VALVE ASSIST 2
- 15:25 ▶ Leverage cases from Prof. Guerin, University Hospital Nantes

15:00 - 16:00



PHILIPS
HEALTHCARE
Level 01

Focus on
Imaging

Training Village

Imaging in TAVI: planning and guidance, this is how our heart team does it!

Sponsored by Philips Healthcare

Physician Trainers: D. Arzamendi, J.C. Moreno Samos

Attend this session if you want:

- ▶ To discover how Philips HeartNavigator software can increase your intraprocedural confidence during TAVR procedures
- ▶ To understand the clinical utility of HeartNavigator in simplifying TAVR planning, device and projection angle selection
- ▶ To learn how to use live image guidance during the TAVR procedure

> **Perform accurate measurements for the sizing of the aortic annulus**

> **Measure the distance of the coronary ostia from the aortic annulus plane**

> **Calculate optimal projection angles for the cathlab**

> **Assess the peripheral route with aortic valve analysis application**

> **Understand why ultrasound and CT are complementary in aortic annulus sizing**

15:00 - 16:00



TOMTEC
Level 01

Focus on
Imaging

Training Village

Explore 4D MV-ASSESSMENT for the quantification of mitral valve dimensions based on 4D Echo

Sponsored by Tomtec

Attend this session if you want:

- ▶ To learn the possibilities of TOMTEC's 4D MV-ASSESSMENT
- ▶ To share your experience with other users
- ▶ To measure mitral valve dimensions based on 4D Echo by yourself

15:30 - 16:30



MATERIALISE
Level 01

Focus on
Imaging

Training Village

Hands-on 3D patient planning for TMVR

Sponsored by Materialise

Attend this session if you want:

- ▶ To explore benefits of 3D patient planning for TMVR outcomes
- ▶ To gain hands-on experience with device sizing and left ventricular outflow tract obstruction prediction in 3D
- ▶ To understand why accurate 3D modeling gives more clinical insight to planning

15:30 ▶ The clinical need for 3D patient planning for TMVR: the Henry Ford experience
D.D. Wang

15:50 ▶ Mitral planning in mimics : the exclusive launch workshop

15:30 - 16:20



MEDTRONIC
Level 01

Focus on
Imaging

Training Village

How to use imaging and sizing to achieve better outcomes in challenging cases

Sponsored by Medtronic

Physician Trainer: N. Dumonteil

Attend this session if you want:

- ▶ To learn more about TAVI advanced techniques in imaging, patient sizing and selection to obtain optimal patient outcomes in challenging cases, through case sharing experiences

During this 50 min session, the audience will select 3 cases they wish to discuss with the faculty. The cases will cover the challenging aspects of the following situations: valve-in-valve, challenging access, extreme calcification, severe aortic stenosis + aortic regurgitation and a small anatomy

- 16:00 -

16:00 - 17:00



BOSTON
SCIENTIFIC
Level 01

Training Village

ACURATE neo implantation procedure and tips and tricks

Sponsored by Boston Scientific

Physician Trainer: A. Wolf

Attend this session if you want:

- ▶ To learn about the intuitive ACURATE neo TF implantation

Meet the expert and have a comprehensive overview of how to optimise TAVI by leveraging a TAVI portfolio through presentation and hands-on sessions

16:00 - 16:45



GE HEALTHCARE
Level 01

Focus on
Imaging

Training Village

How to plan guide and assess a TAVI procedure: learn from your peers and practice

Sponsored by GE Healthcare

Physician Trainer: M. Angelillis

Attend this session if you want:

- ▶ To learn how to best size the valve using Valve ASSIST 2
- ▶ To learn the best access choice for your TAVI
- ▶ To learn tips and tricks to best choose the valve for your TAVI
- ▶ To understand the interest of making fusion during TAVI with Valve ASSIST 2
- ▶ Presentation of cases by Dr. Angelillis
- ▶ Hands-on: practice and learn how to size and prepare your 3D volume from CT scan through hands-on sessions on AW workstation with VALVE ASSIST 2. Leverage cases from Dr. Angelillis

16:00

16:25

During each workshop of 50 minutes, participants will have the opportunity to gain additional experience through customised hands-on sessions on stand-alone softwares (ie. 3mensio or Osirix)
Participants are invited to bring their own cases

16:15 - 17:45

PHILIPS
HEALTHCARE
Level 01

Focus on
Imaging

Training Village

LAA closure and paravalvular leak: from pre-diagnostic imaging needs to fully fusion imaging guidance, is that possible?

Sponsored by Philips Healthcare

Physician Trainers: D. Arzamendi , J.C. Moreno Samos

Attend this session if you want:

- ▶ To learn how to:
 - Use 3D-TEE and CT imaging to understand the anatomy and eventually make decisions on device selection
 - Use imaging fusion during the procedures and learn why it is crucial
 - Assess the results

- 17:00 -

17:00 - 17:45

GE HEALTHCARE
Level 01

Focus on
Imaging

Training Village

Using advanced imaging techniques can help you with your TAVI cases

Sponsored by GE Healthcare

Physician Trainer: M. Angelillis

Attend this session if you want:

- ▶ To learn how to best size the valve using Valve ASSIST 2
 - ▶ To learn the best access choice for your TAVI
 - ▶ To learn tips and tricks to best choose the valve for your TAVI
 - ▶ To understand the interest of making fusion during TAVI with Valve ASSIST 2
- 17:00 ▶ Presentation of cases by Dr. Angelillis
- 17:25 ▶ Hands-on: practice and learn how to size and prepare your 3D volume from CT scan through hands-on sessions on AW workstation with VALVE ASSIST 2. Leverage cases from Dr. Angelillis

17:00 - 17:50

MEDTRONIC
Level 01

Focus on
Imaging

Training Village

Customised sizing workshops on stand-alone softwares

Sponsored by Medtronic

Attend this session if you want:

- ▶ To improve your imaging and sizing skills with a deep dive in the use of stand-alone imaging softwares (i.e 3Mensio and Osirix) for a more efficient TAVI procedure

Medtronic Clinical Imaging Screening Services for Heart Valve Therapies, with a unique expertise of more than 25,000 TAVI cases reviewed

- 18:00 -

18:00 - 19:40



MAIN ARENA
Level 01

Tools and
Techniques



Transcatheter heart valve therapies for all heart valves: from an innovation strategy to mainstream therapy

Sponsored by Edwards Lifesciences

Chairpersons: M.B. Leon, S. Windecker
Panelists: M. Ayling, A. de Weger, B. Prendergast, M. Thomas, F. van der Kley
React@PCR Moderator: A. Roy

Attend this session if you want:

- ▶ To learn about the Edwards Lifesciences innovation pipeline for the aortic, mitral, tricuspid and pulmonary valve
 - ▶ To understand the latest and upcoming evidence in the aortic field
 - ▶ To learn about the economic value of innovative technology
- 18:00 ▶ Session objectives
S. Windecker
- 18:05 ▶ The aortic valve: standard of care for intermediate-risk, high-risk and inoperable patients; expanded indication studies underway
B. Prendergast
- 18:15 ▶ Time to React@PCR
- 18:20 ▶ What is the value of innovation in less invasive procedures to patients and healthcare systems?
M. Ayling
- 18:30 ▶ Time to React@PCR
- 18:35 ▶ Introduction
A. de Weger, F. van der Kley
- 18:37 **TAVI optimisation with the Edwards SAPIEN 3 Valve - "7 Cases in a day" - Recorded case from Leiden University Medical Center - Leiden, The Netherlands**
A. de Weger, F. van der Kley
- 19:14 ▶ Learnings
A. de Weger, F. van der Kley
- 19:16 ▶ Time to React@PCR
- 19:21 ▶ The Edwards Lifesciences innovation pipeline for transcatheter interventions for all valves
M. Thomas
- 19:35 ▶ Session evaluation and key learnings
M.B. Leon

Online Sponsored Session

18:00 - 18:45



ROOM 2
Level 01

Symposium



Transcatheter mitral valve replacement: preparing for the next revolution

Sponsored by Medtronic

Chairpersons: C. Meduri, T. Modine

Attend this session if you want:

- ▶ To understand the current evidence and opportunities with transcatheter mitral valve replacement therapy
 - ▶ To recognise the essential skills and competencies required
 - ▶ To learn the role of a heart team approach in screening, treating, post-operative management
- 18:00 ▶ Session objectives
T. Modine
- 18:03 ▶ Transcatheter mitral valve replacement as the next mountain to climb
M. Reardon
- 18:10 ▶ Discussion and audience interaction
- 18:13 ▶ Adding transcatheter mitral valve replacement to your practice - The essentials from skills to team set-up
P. Sorajja
- 18:20 ▶ Discussion and audience interaction
- 18:23 ▶ Screening and selecting the appropriate patients for transcatheter mitral valve replacement
V. Bapat
- 18:30 ▶ Discussion and audience interaction
- 18:33 ▶ Optimising care for the transcatheter mitral valve replacement patient
V. Rajagopal
- 18:40 ▶ Discussion and audience interaction
- 18:43 ▶ Session evaluation and key learnings
C. Meduri

- 09:00 -

09:00 - 10:00



ABBOTT
Level 01

Training Village

Portico Beating Heart: hands-on session

Sponsored by Abbott

Attend this session if you want:

- ▶ To get introduced to the Abbott TAVI programme
- ▶ To discuss the advantages of a fully resheathable transcatheter aortic valve
- ▶ To experience the repositionability and retrievability features of the Portico TAVI system

Hands-on session on Beating Heart model

09:00 - 10:00



BOSTON
SCIENTIFIC
Level 01

Training Village

Learn how to realise intuitive implant with the new ACURATE neo TA

Sponsored by Boston Scientific

Physician Trainer: T. Walther

Attend this session if you want:

- ▶ To learn about the intuitive ACURATE neo TA implantation

Meet the expert and have a comprehensive overview of how to optimise TAVI by leveraging a TAVI portfolio through presentation and hands-on sessions

09:00 - 10:15



EDWARDS
LIFESCIENCES
AORTIC
Level 01

Focus on
Imaging

Training Village

CT imaging acquisition and interpretation initiative for balloon expandable transcatheter heart valves

Sponsored by Edwards Lifesciences

Attend this session if you want:

- ▶ To learn about a new training initiative to acquire a suitable CT scan for TAVI patients according to your hospital equipment
- ▶ To learn about the key role of CT imaging acquisition and interpretation for planning TAVI procedures and optimise clinical outcomes
- ▶ To interact with radiologists and imaging experts to improve your CT screening capabilities
- ▶ To learn about the set of working tools, interactive content, and training support that Edwards can offer for a better CT imaging management

09:00

- ▶ The key role of CT imaging acquisition and interpretation for a successful TAVI procedure planning

10:00

- ▶ Edwards CT initiative tools display and demonstration

09:00 - 10:00



EDWARDS
LIFESCIENCES
MITRAL
Level 01

Training Village

Cardioband procedure training: how to master the Edwards Cardioband system procedure

Sponsored by Edwards Lifesciences

Attend this session if you want:

- ▶ To understand how to implant the Edwards Cardioband system
- ▶ To experience first-hand the simplicity of the Edwards Cardioband implantation

Sessions to contain a mix of hands-on simulation and discussion with Edwards clinical specialists

09:00

- ▶ Introduction for the device, functionality, training process, Q&A

09:20

- ▶ Hands-on session with camera simulator

- 10:00 -

10:00 - 10:30



EDWARDS
LIFESCIENCES
MITRAL
Level 01

Focus on
Imaging

Training Village

Cardioband patient screening: how to select the right patients for the Edwards Cardioband system

Sponsored by Edwards Lifesciences

Attend this session if you want:

- ▶ To understand the screening requirements for the Edwards Cardioband system
- ▶ To learn best practices on how to optimise patient selection

Sessions to contain interactive presentation and discussion with Edwards experts

10:00

- ▶ Introduction for therapy

10:05

- ▶ General guidance for patient selection

10:10

- ▶ Echo parameters and characteristics to consider (with examples)

10:20

- ▶ CT parameters and characteristics to consider (with examples)

10:00 - 10:50

MEDTRONIC
Level 01

Focus on
Imaging

Training Village

How to use imaging and sizing to achieve better outcomes in challenging cases

Sponsored by Medtronic

Physician Trainer: T. Hovasse

Attend this session if you want:

- ▶ To learn more about TAVI advanced techniques in imaging, patient sizing and selection to obtain optimal patient outcomes in challenging cases, through case sharing experiences

During this 50 min session, the audience will select 3 cases they wish to discuss with the faculty. The cases will cover the challenging aspects of the following situations: valve-in-valve, challenging access, extreme calcification, severe aortic stenosis + aortic regurgitation and a small anatomy

10:30 - 11:30

**BOSTON
SCIENTIFIC**
Level 01

Training Village

ACURATE neo implantation procedure and tips and tricks

Sponsored by Boston Scientific

Physician Trainer: P. Pagnotta

Attend this session if you want:

- › To learn about the intuitive ACURATE neo TF implantation

Meet the expert and have a comprehensive overview of how to optimise TAVI by leveraging a TAVI portfolio through presentation and hands-on sessions

- 11:00 -

11:00 - 13:00

ABBOTT
Level 01

Training Village

Catheter skills for Cardiac surgeons

Sponsored by Abbott

Physician Trainers: F. Nietlispach, M. Taramasso

Attend this session if you want:

- › To practice on how to access and close a vessel
- › To get an introduction on guidewires and catheters
- › To get in touch with the basic interventional toolbox

Hands-on introduction to basic wire skills for surgeons; from access to closure

11:00 - 12:15

**EDWARDS
LIFESCIENCES
AORTIC**
Level 01

Focus on
Imaging

Training Village

CT imaging acquisition and interpretation initiative for balloon expandable transcatheter heart valves

Sponsored by Edwards Lifesciences

Attend this session if you want:

- › To learn about a new training initiative to acquire a suitable CT scan for TAVI patients according to your hospital equipment
 - › To learn about the key role of CT imaging acquisition and interpretation for planning TAVI procedures and optimise clinical outcomes
 - › To interact with radiologists and imaging experts to improve your CT screening capabilities
 - › To learn about the set of working tools, interactive content, and training support that Edwards can offer for a better CT imaging management
- 11:00 › The key role of CT imaging acquisition and interpretation for a successful TAVI procedure planning
- 12:00 › Edwards CT initiative tools display and demonstration

11:00 - 12:00



EDWARDS
LIFESCIENCES
MITRAL
Level 01

Training Village

**Cardioband procedure training:
how to master the Edwards
Cardioband system procedure**

Sponsored by Edwards Lifesciences

Attend this session if you want:

- ▶ To understand how to implant the Edwards Cardioband system
- ▶ To experience first-hand the simplicity of the Edwards Cardioband implantation

Sessions to contain a mix of hands-on simulation and discussion with Edwards clinical specialists

- 11:00 ▶ Introduction for the device, functionality, training process, Q&A
- 11:20 ▶ Hands-on session with camera simulator

11:30 - 12:20



MEDTRONIC
Level 01

Focus on
Imaging

Training Village

Customised sizing workshops on stand-alone softwares

Sponsored by Medtronic

Attend this session if you want:

- ▶ To improve your imaging and sizing skills with a deep dive in the use of stand-alone imaging softwares (i.e 3Mensio and Osirix) for a more efficient TAVI procedure

Medtronic Clinical Imaging Screening Services for Heart Valve Therapies, with a unique expertise of more than 25,000 TAVI cases reviewed

During each workshop of 50 minutes, participants will have the opportunity to gain additional experience through customised hands-on sessions on stand-alone softwares (i.e. 3mensio or Osirix)
Participants are invited to bring their own cases

12:00 - 12:30



EDWARDS
LIFESCIENCES
MITRAL
Level 01

Focus on
Imaging

Training Village

- 12:00 -

**Cardioband patient screening:
how to select the right patients
for the Edwards Cardioband
system**

Sponsored by Edwards Lifesciences

Attend this session if you want:

- ▶ To understand the screening requirements for the Edwards Cardioband system
- ▶ To learn best practices on how to optimise patient selection

Sessions to contain interactive presentation and discussion with Edwards experts

- 12:00 ▶ Introduction for therapy
- 12:05 ▶ General guidance for patient selection
- 12:10 ▶ Echo parameters and characteristics to consider (with examples)
- 12:20 ▶ CT parameters and characteristics to consider (with examples)

- 13:00 -

13:00 - 14:40



MAIN ARENA
Level 01

Tools and
Techniques



**Evolut PRO: latest innovation to
simplify your practice and treat
all TAVI patients**

Sponsored by Medtronic

Chairpersons: D. Tchétché, S. Windecker
Panellists: K.H. Kuck, F. Ribichini, N. Van Mieghem

Operators: A. Colombo, F. Giannini, A. Latib

In-cathlab Echocardiographer: E. Agricola

Control Desk: M.Z. Khawaja

React@PCR Moderator: M.Z. Khawaja

Attend this session if you want:

- ▶ To explore Evolut PRO device and its versatility in treating a wide range of patients
- ▶ To learn about the successful strategies to advance procedural outcomes for intermediate-risk patient treatment
- ▶ To learn about long-term implications to treat intermediate-risk patients
- 14:20 ▶ Evolut PRO in challenging anatomies - Recorded case from Asklepios Klinik St. Georg - Hamburg, Germany
K.H. Kuck

13:00 - 13:45



ROOM 2
Level 01

Symposium



The Lotus Valve System: building the next chapter

Sponsored by Boston Scientific

Chairpersons: G. Nickenig, L. Sondergaard

Surgical Discussant: M. Reardon

Attend this session if you want:

- ▶ To understand the current evidence and latest clinical data
- ▶ To learn how paravalvular leak can be minimised despite anatomical complexities
- ▶ To recognise how Lotus Edge can advance practice in key patient subsets

- 13:00 ▶ Session objectives
G. Nickenig
- 13:03 ▶ Insights from the REPRISÉ III trial
T. Feldman
- 13:13 ▶ Lotus Edge: expanding treatment options
J. Wöhrle
- 13:23 ▶ My clinical experience with Lotus Edge
M. Götzberg
- 13:33 ▶ Discussion and audience interaction
- 13:43 ▶ Session evaluation and key learnings
L. Sondergaard

13:00 - 14:40



ROOM 3
Level 01

Symposium



Going beyond boundaries in structural heart interventions?

Sponsored by Abbott

Chairpersons: M.B. Leon, F. Maisano, A. Vahanian

Panellists: J. Hausleiter, C. Tamburino, R.S. Von Bardeleben

Attend this session if you want:

- ▶ To gain perspective from thought leaders on how the cathlab will evolve over the next 5-10 years
- ▶ To participate to a unique discussion on the evolution of structural heart interventions
- ▶ To learn the preferred strategy for combined cardiac diseases: while a staged approach may represent a preferable strategy in selected patients, concomitant treatment of combined cardiac diseases represents an appealing option in a majority of patients

- 13:00 ▶ Session objectives
A. Vahanian
- 13:03 ▶ What is structural heart intervention today?
M.B. Leon
- Future pathways in single valvular disease management**
- 13:15 ▶ How will TAVI technologies evolve over the next 5-10 years?
A. Linke
- 13:23 ▶ Transcatheter mitral valve replacement and repair: are new realities on the TMVR horizon?
R.S. Von Bardeleben
- 13:31 ▶ Transcatheter tricuspid valve interventions in 2017: unmet needs and future perspectives
J. Hausleiter
- 13:39 ▶ Discussion and audience interaction
- How to best treat combined cardiac disease patients: concomitant or staged procedures?**
- 13:50 ▶ Case 1 - Mitral regurgitation and atrial fibrillation
F. Nietlispach
- 13:58 ▶ Case 2 - Bivalvular disease: mitral and tricuspid regurgitation
J. Hausleiter
- 14:06 ▶ Case 3 - Bivalvular disease: aortic stenosis and mitral regurgitation
C. Tamburino
- 14:14 ▶ Discussion and audience interaction
- 14:24 ▶ Structural heart disease: glimpse into the future
F. Maisano
- 14:37 ▶ Session evaluation and key learnings
A. Vahanian

Online Sponsored Session

13:00 - 13:45

ROOM 4
Level 01

Symposium



13:00

13:03

13:09

13:14

13:26

13:31

13:37

13:42

Carillon - The first choice in treatment of functional mitral regurgitation

Sponsored by Cardiac Dimensions

Chairpersons: E. Grube, H. Sievert

Attend this session if you want:

- > To learn about an established coronary sinus-based treatment for functional mitral regurgitation
- > To identify the optimal patient population for Carillon Mitral Contour System
- > To understand best practices following short- and long-term results

> Session objectives
E. Grube

> Optimal patient selection
M. Haude

> Discussion and audience interaction

> Acute success with Carillon - Patient case
K. Witte

> Discussion and audience interaction

> Long-term success with Carillon
E. Schulz

> Discussion and audience interaction

> Session evaluation and key learnings
H. Sievert

13:00 - 14:15

EDWARDS
LIFESCIENCES
AORTIC
Level 01

Focus on
Imaging

Training Village

13:00

14:00

CT imaging acquisition and interpretation initiative for balloon expandable transcatheter heart valves

Sponsored by Edwards Lifesciences

Attend this session if you want:

- > To learn about a new training initiative to acquire a suitable CT scan for TAVI patients according to your hospital equipment
- > To learn about the key role of CT imaging acquisition and interpretation for planning TAVI procedures and optimise clinical outcomes
- > To interact with radiologists and imaging experts to improve your CT screening capabilities
- > To learn about the set of working tools, interactive content, and training support that Edwards can offer for a better CT imaging management
- > The key role of CT imaging acquisition and interpretation for a successful TAVI procedure planning
- > Edwards CT initiative tools display and demonstration

13:30 - 14:30

ABBOTT
Level 01

Training Village

13:30 - 14:30

BOSTON
SCIENTIFIC
Level 01

Training Village

13:55 - 14:40

ROOM 2
Level 01

Symposium



13:55

13:58

14:08

14:18

14:28

14:38

Portico Beating Heart: hands-on session

Sponsored by Abbott

Attend this session if you want:

- > To get introduced to the Abbott TAVI programme
- > To discuss the advantages of a fully resheathable transcatheter aortic valve
- > To experience the repositionability and retrievability features of the Portico TAVI system

Hands-on session on Beating Heart model

ACURATE neo implantation procedure and tips and tricks

Sponsored by Boston Scientific

Physician Trainer: N. Mangner

Attend this session if you want:

- > To learn about the intuitive ACURATE neo TF implantation

Meet the expert and have a comprehensive overview of how to optimise TAVI by leveraging a TAVI portfolio through presentation and hands-on sessions

The ACURATE neo TAVI System: simplifying TAVI procedures

Sponsored by Boston Scientific

Chairpersons: H. Moellmann, G. Tarantini

Attend this session if you want:

- > To learn about the intuitive implantation procedure
- > To understand the latest clinical evidence
- > To recognise how ACURATE compares to a balloon-expandable valve

> Session objectives
H. Moellmann

> Clinical case study: ACURATE neo implantation tips and tricks
A. Ruck

> Insights from the SAVI TF 1000 registry
W.K. Kim

> MORENA study: comparative data analysis
O. Husser

> Discussion and audience interaction

> Session evaluation and key learnings
G. Tarantini

- 14:00 -

14:00 - 15:00

EDWARDS
LIFESCIENCES
MITRAL
Level 01

Training Village

Cardioband procedure training: how to master the Edwards Cardioband system procedure

Sponsored by Edwards Lifesciences

Attend this session if you want:

- › To understand how to implant the Edwards Cardioband system
- › To experience first-hand the simplicity of the Edwards Cardioband implantation

Sessions to contain a mix of hands-on simulation and discussion with Edwards clinical specialists

- 14:00 › Introduction for the device, functionality, training process, Q&A
- 14:20 › Hands-on session with camera simulator

14:30 - 15:30

ABBOTT
Level 01

Training Village

Portico Beating Heart: hands-on session

Sponsored by Abbott

Attend this session if you want:

- › To get introduced to the Abbott TAVI programme
- › To discuss the advantages of a fully reseathable transcatheter aortic valve
- › To experience the repositionability and retrievability features of the Portico TAVI system

Hands-on session on Beating Heart model

- 15:00 -

15:00 - 16:00

BOSTON
SCIENTIFIC
Level 01

Training Village

ACURATE neo clinical data

Sponsored by Boston Scientific

Physician Trainer: S. Toggweiler

Attend this session if you want:

- › To understand the existing evidence on ACURATE neo

Meet the expert and have a comprehensive overview of how to optimise TAVI by leveraging a TAVI portfolio through presentation and hands-on sessions

15:00 - 16:15

EDWARDS
LIFESCIENCES
AORTIC
Level 01

Focus on
Imaging

Training Village

CT imaging acquisition and interpretation initiative for balloon expandable transcatheter heart valves

Sponsored by Edwards Lifesciences

Attend this session if you want:

- › To learn about a new training initiative to acquire a suitable CT scan for TAVI patients according to your hospital equipment
 - › To learn about the key role of CT imaging acquisition and interpretation for planning TAVI procedures and optimise clinical outcomes
 - › To interact with radiologists and imaging experts to improve your CT screening capabilities
 - › To learn about the set of working tools, interactive content, and training support that Edwards can offer for a better CT imaging management
- 15:00 › The key role of CT imaging acquisition and interpretation for a successful TAVI procedure planning
 - 16:00 › Edwards CT initiative tools display and demonstration

15:00 - 15:30

EDWARDS
LIFESCIENCES
MITRAL
Level 01

Focus on
Imaging

Training Village

Cardioband patient screening: how to select the right patients for the Edwards Cardioband system

Sponsored by Edwards Lifesciences

Attend this session if you want:

- › To understand the screening requirements for the Edwards Cardioband system
- › To learn best practices on how to optimise patient selection

Sessions to contain interactive presentation and discussion with Edwards experts

- 15:00 › Introduction for therapy
- 15:05 › General guidance for patient selection
- 15:10 › Echo parameters and characteristics to consider (with examples)
- 15:20 › CT parameters and characteristics to consider (with examples)

15:00 - 15:50



MEDTRONIC
Level 01

Focus on
Imaging

Training Village

Customised sizing workshops on stand-alone softwares

Sponsored by Medtronic

Attend this session if you want:

- ▶ To improve your imaging and sizing skills with a deep dive in the use of stand-alone imaging softwares (i.e. 3Mensio and Osirix) for a more efficient TAVI procedure

Medtronic Clinical Imaging Screening Services for Heart Valve Therapies, with a unique expertise of more than 25,000 TAVI cases reviewed

During each workshop of 50 minutes, participants will have the opportunity to gain additional experience through customised hands-on sessions on stand-alone softwares (i.e. 3mensio or Osirix)
Participants are invited to bring their own cases

- 16:00 -

16:00 - 18:00



ABBOTT
Level 01

Training Village

Catheter skills for Cardiac surgeons

Sponsored by Abbott

Physician Trainers: F. Nietlispach, M. Taramasso

Attend this session if you want:

- ▶ To practice on how to access and close a vessel
- ▶ To get an introduction on guidewires and catheters
- ▶ To get in touch with the basic interventional toolbox

Hands-on introduction to basic wire skills for surgeons; from access to closure

16:00 - 17:00



EDWARDS
LIFSCIENCES
MITRAL
Level 01

Training Village

Cardioband procedure training: how to master the Edwards Cardioband system procedure

Sponsored by Edwards Lifesciences

Attend this session if you want:

- ▶ To understand how to implant the Edwards Cardioband system
- ▶ To experience first-hand the simplicity of the Edwards Cardioband implantation

Sessions to contain a mix of hands-on simulation and discussion with Edwards clinical specialists

- 16:00 ▶ Introduction for the device, functionality, training process, Q&A
- 16:20 ▶ Hands-on session with camera simulator

16:00 - 16:50



MEDTRONIC
Level 01

Focus on
Imaging

Training Village

How to use imaging and sizing to achieve better outcomes in challenging cases

Sponsored by Medtronic

Physician Trainer: N. Dumonteil

Attend this session if you want:

- ▶ To learn more about TAVI advanced techniques in imaging, patient sizing and selection to obtain optimal patient outcomes in challenging cases, through case sharing experiences

During this 50 min session, the audience will select 3 cases they wish to discuss with the faculty. The cases will cover the challenging aspects of the following situations: valve-in-valve, challenging access, extreme calcification, severe aortic stenosis + aortic regurgitation and a small anatomy

16:30 - 17:30



BOSTON
SCIENTIFIC
Level 01

Training Village

Optimising TAVI portfolio: choosing the right valve for each patient

Sponsored by Boston Scientific

Physician Trainer: S. Khogali

Attend this session if you want:

- ▶ To learn how to select the right valve for each patient profile by leveraging a TAVI portfolio

Meet the expert and have a comprehensive overview of how to optimise TAVI by leveraging a TAVI portfolio through presentation and hands-on sessions

- 17:00 -

17:00 - 18:15



EDWARDS
LIFESCIENCES
AORTIC
Level 01

Training Village

CT imaging acquisition and interpretation initiative for balloon expandable transcatheter heart valves

Sponsored by Edwards Lifesciences

Attend this session if you want:

- ▶ To learn about a new training initiative to acquire a suitable CT scan for TAVI patients according to your hospital equipment
- ▶ To learn about the key role of CT imaging acquisition and interpretation for planning TAVI procedures and optimise clinical outcomes
- ▶ To interact with radiologists and imaging experts to improve your CT screening capabilities
- ▶ To learn about the set of working tools, interactive content, and training support that Edwards can offer for a better CT imaging management

- 17:00 ▶ The key role of CT imaging acquisition and interpretation for a successful TAVI procedure planning
- 18:00 ▶ Edwards CT initiative tools display and demonstration

17:00 - 17:30



EDWARDS
LIFESCIENCES
MITRAL
Level 01

Focus on
Imaging

Training Village

Cardioband patient screening: how to select the right patients for the Edwards Cardioband system

Sponsored by Edwards Lifesciences

Attend this session if you want:

- ▶ To understand the screening requirements for the Edwards Cardioband system
- ▶ To learn best practices on how to optimise patient selection

- 17:00 ▶ Introduction for therapy
- 17:05 ▶ General guidance for patient selection
- 17:10 ▶ Echo parameters and characteristics to consider (with examples)
- 17:20 ▶ CT parameters and characteristics to consider (with examples)

Sessions to contain interactive presentation and discussion with Edwards experts

- 08:00 -

08:00 - 09:00



**EDWARDS
LIFESCIENCES
MITRAL
Level 01**

Training Village

**Cardioband procedure training:
how to master the Edwards
Cardioband system procedure**

Sponsored by Edwards Lifesciences

Attend this session if you want:

- ▶ To understand how to implant the Edwards Cardioband system
- ▶ To experience first-hand the simplicity of the Edwards Cardioband implantation

Sessions to contain a mix of hands-on simulation and discussion with Edwards clinical specialists

- 08:00 ▶ Introduction for the device, functionality, training process, Q&A
- 08:20 ▶ Hands-on session with camera simulator

08:30 - 09:20



**MEDTRONIC
Level 01**

Focus on
Imaging

Training Village

**Customised sizing workshops on
stand-alone softwares**

Sponsored by Medtronic

Attend this session if you want:

- ▶ To improve your imaging and sizing skills with a deep dive in the use of stand-alone imaging softwares (i.e. 3Mensio and Osirix) for a more efficient TAVI procedure

Medtronic Clinical Imaging Screening Services for Heart Valve Therapies, with a unique expertise of more than 25,000 TAVI cases reviewed

During each workshop of 50 minutes, participants will have the opportunity to gain additional experience through customised hands-on sessions on stand-alone softwares (ie. 3mensio or Osirix)
Participants are invited to bring their own cases

09:00 - 10:00



**BOSTON
SCIENTIFIC
Level 01**

Training Village

**ACURATE neo implantation
procedure and tips and tricks**

Sponsored by Boston Scientific

Physician Trainer: A. Wolf

Attend this session if you want:

- ▶ To learn about the intuitive ACURATE neo TF implantation

Meet the expert and have a comprehensive overview of how to optimise TAVI by leveraging a TAVI portfolio through presentation and hands-on sessions

09:00 - 10:15



**EDWARDS
LIFESCIENCES
AORTIC
Level 01**

Focus on
Imaging

Training Village

CT imaging acquisition and interpretation initiative for balloon expandable transcatheter heart valves

Sponsored by Edwards Lifesciences

Attend this session if you want:

- ▶ To learn about a new training initiative to acquire a suitable CT scan for TAVI patients according to your hospital equipment
 - ▶ To learn about the key role of CT imaging acquisition and interpretation for planning TAVI procedures and optimise clinical outcomes
 - ▶ To interact with radiologists and imaging experts to improve your CT screening capabilities
 - ▶ To learn about the set of working tools, interactive content, and training support that Edwards can offer for a better CT imaging management
- 09:00 ▶ The key role of CT imaging acquisition and interpretation for a successful TAVI procedure planning
- 10:00 ▶ Edwards CT initiative tools display and demonstration

- 09:00 -

09:00 - 10:30



**ABBOTT
Level 01**

Focus on
Imaging

Training Village

**Beating Heart: a different
perspective to the MitraClip
therapy**

Sponsored by Abbott

Attend this session if you want:

- ▶ To evaluate the challenges of actual imaging techniques
- ▶ To visualise all the aspects of MitraClip in a Beating Heart situation
- ▶ To discuss MitraClip tips and tricks

**Discover MitraClip technology in
Beating Heart simulation**

09:00 - 09:30

EDWARDS
LIFESCIENCES
MITRAL
Level 01

Focus on
Imaging
Training Village

Cardioband patient screening: how to select the right patients for the Edwards Cardioband system

Sponsored by Edwards Lifesciences

Attend this session if you want:

- ▶ To understand the screening requirements for the Edwards Cardioband system
- ▶ To learn best practices on how to optimise patient selection

Sessions to contain interactive presentation and discussion with Edwards experts

- 09:00 ▶ Introduction for therapy
- 09:05 ▶ General guidance for patient selection
- 09:10 ▶ Echo parameters and characteristics to consider (with examples)
- 09:20 ▶ CT parameters and characteristics to consider (with examples)

- 10:00 -

10:00 - 10:50

MEDTRONIC
Level 01

Focus on
Imaging
Training Village

How to use imaging and sizing to achieve better outcomes in challenging cases

Sponsored by Medtronic

Physician Trainer: T. Hovasse

Attend this session if you want:

- ▶ To learn more about TAVI advanced techniques in imaging, patient sizing and selection to obtain optimal patient outcomes in challenging cases, through case sharing experiences

During this 50 min session, the audience will select 3 cases they wish to discuss with the faculty. The cases will cover the challenging aspects of the following situations: valve-in-valve, challenging access, extreme calcification, severe aortic stenosis + aortic regurgitation and a small anatomy

10:30 - 11:30

BOSTON
SCIENTIFIC
Level 01

Training Village

Learn how to realise intuitive implant with the new ACURATE neo TA

Sponsored by Boston Scientific

Physician Trainer: T. Walther

Attend this session if you want:

- ▶ To learn about the intuitive ACURATE neo TA implantation

Meet the expert and have a comprehensive overview of how to optimise TAVI by leveraging a TAVI portfolio through presentation and hands-on sessions

10:30 - 11:30

EDWARDS
LIFESCIENCES
MITRAL
Level 01

Training Village

Cardioband procedure training: how to master the Edwards Cardioband system procedure

Sponsored by Edwards Lifesciences

Attend this session if you want:

- ▶ To understand how to implant the Edwards Cardioband system
- ▶ To experience first-hand the simplicity of the Edwards Cardioband implantation

Sessions to contain a mix of hands-on simulation and discussion with Edwards clinical specialists

- 10:30 ▶ Introduction for the device, functionality, training process, Q&A
- 10:50 ▶ Hands-on session with camera simulator

- 11:00 -

11:00 - 12:30

ABBOTT
Level 01

Focus on
Imaging
Training Village

Beating Heart: a different perspective to the MitraClip therapy

Sponsored by Abbott

Attend this session if you want:

- ▶ To evaluate the challenges of actual imaging techniques
- ▶ To visualise all the aspects of MitraClip in a Beating Heart situation
- ▶ To discuss MitraClip tips and tricks

Discover MitraClip technology in Beating Heart simulation

11:00 - 12:15

EDWARDS
LIFESCIENCES
AORTIC
Level 01

Focus on
Imaging
Training Village

CT imaging acquisition and interpretation initiative for balloon expandable transcatheter heart valves

Sponsored by Edwards Lifesciences

Attend this session if you want:

- ▶ To learn about a new training initiative to acquire a suitable CT scan for TAVI patients according to your hospital equipment
 - ▶ To learn about the key role of CT imaging acquisition and interpretation for planning TAVI procedures and optimise clinical outcomes
 - ▶ To interact with radiologists and imaging experts to improve your CT screening capabilities
 - ▶ To learn about the set of working tools, interactive content, and training support that Edwards can offer for a better CT imaging management
- 11:00 ▶ The key role of CT imaging acquisition and interpretation for a successful TAVI procedure planning
 - 12:00 ▶ Edwards CT initiative tools display and demonstration

11:30 - 12:00



EDWARDS
LIFESCIENCES
MITRAL
Level 01

Focus on
Imaging

Training Village

Cardioband patient screening: how to select the right patients for the Edwards Cardioband system

Sponsored by Edwards Lifesciences

Attend this session if you want:

- To understand the screening requirements for the Edwards Cardioband system
- To learn best practices on how to optimise patient selection

Sessions to contain interactive presentation and discussion with Edwards experts

- 11:30 ➤ Introduction for therapy
- 11:35 ➤ General guidance for patient selection
- 11:40 ➤ Echo parameters and characteristics to consider (with examples)
- 11:50 ➤ CT parameters and characteristics to consider (with examples)

- 12:00 -

12:00 - 13:00



BOSTON
SCIENTIFIC
Level 01

Training Village

ACURATE neo clinical data

Sponsored by Boston Scientific

Physician Trainer: S. Toggweiler

Attend this session if you want:

- To understand the existing evidence on ACURATE neo

Meet the expert and have a comprehensive overview of how to optimise TAVI by leveraging a TAVI portfolio through presentation and hands-on sessions

- 13:00 -

13:00 - 14:40



MAIN ARENA
Level 01

Tools and
Techniques



Edwards Cardioband Transcatheter Valve Repair System: expanding options for patients

Sponsored by Edwards Lifesciences

Chairpersons: J.J. Popma, A. Vahanian

Panellists: A. Latib, F. Maisano, G. Nickenig, R.S. Von Bardeleben, N. Wunderlich

React@PCR Moderator: S. Cannata

Attend this session if you want:

- To understand how to perform mitral repair in patients with mitral regurgitation
- To learn about the current experience and clinical results of Edwards Cardioband system
- To learn about the Edwards Lifesciences innovations for transcatheter valve therapies

- 13:00 ➤ Session objectives
J.J. Popma
- 13:03 ➤ A new solution to the old problem of functional mitral regurgitation
F. Maisano
- 13:13 ➤ Time to React@PCR
- 13:18 ➤ Edwards Cardioband System clinical programme update
G. Nickenig
- 13:28 ➤ Time to React@PCR
- 13:38 ➤ Edwards Cardioband Mitral Repair System - Recorded Case from University Heart Center - Mainz, Germany
R.S. Von Bardeleben
- 13:58 ➤ Time to React@PCR
- 14:07 ➤ Advantages of Edwards Cardioband System as a treatment for mitral regurgitation
A. Latib
- 14:17 ➤ Time to React@PCR
- 14:27 ➤ Clinical considerations for Edwards Transcatheter Mitral and Tricuspid Therapies
J.J. Popma
- 14:37 ➤ Session evaluation and key learnings
A. Vahanian

13:00 - 14:15



EDWARDS
LIFESCIENCES
AORTIC
Level 01

Focus on
Imaging

Training Village

CT imaging acquisition and interpretation initiative for balloon expandable transcatheter heart valves

Sponsored by Edwards Lifesciences

Attend this session if you want:

- ▶ To learn about a new training initiative to acquire a suitable CT scan for TAVI patients according to your hospital equipment
- ▶ To learn about the key role of CT imaging acquisition and interpretation for planning TAVI procedures and optimise clinical outcomes
- ▶ To interact with radiologists and imaging experts to improve your CT screening capabilities
- ▶ To learn about the set of working tools, interactive content, and training support that Edwards can offer for a better CT imaging management

13:00

- ▶ The key role of CT imaging acquisition and interpretation for a successful TAVI procedure planning

14:00

- ▶ Edwards CT initiative tools display and demonstration

13:00 - 13:50



MEDTRONIC
Level 01

Focus on
Imaging

Training Village

Customised sizing workshops on stand-alone softwares

Sponsored by Medtronic

Attend this session if you want:

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Participants are invited to bring their own cases

- 15:00 -

15:00 - 16:15



EDWARDS
LIFESCIENCES
AORTIC
Level 01

Focus on
Imaging

Training Village

CT imaging acquisition and interpretation initiative for balloon expandable transcatheter heart valves

Sponsored by Edwards Lifesciences

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- ▶ To learn about the key role of CT imaging acquisition and interpretation for planning TAVI procedures and optimise clinical outcomes
- ▶ To interact with radiologists and imaging experts to improve your CT screening capabilities
- ▶ To learn about the set of working tools, interactive content, and training support that Edwards can offer for a better CT imaging management

15:00

- ▶ The key role of CT imaging acquisition and interpretation for a successful TAVI procedure planning

16:00

- ▶ Edwards CT initiative tools display and demonstration

15:00 - 16:00



EDWARDS
LIFESCIENCES
MITRAL
Level 01

Training Village

Cardioband procedure training: how to master the Edwards Cardioband system procedure

Sponsored by Edwards Lifesciences

Attend this session if you want:

- ▶ To understand how to implant the Edwards Cardioband system
- ▶ To experience first-hand the simplicity of the Edwards Cardioband implantation

Sessions to contain a mix of hands-on simulation and discussion with Edwards clinical specialists

15:00

- ▶ Introduction for the device, functionality, training process, Q&A

15:20

- ▶ Hands-on session with camera simulator

- 16:00 -

16:00 - 16:30



EDWARDS
LIFESCIENCES
MITRAL
Level 01

Focus on
Imaging

Training Village

**Cardioband patient screening:
how to select the right patients
for the Edwards Cardioband
system**

Edwards Lifesciences

Attend this session if you want:

- › To understand the screening requirements for the Edwards Cardioband system
- › To learn best practices on how to optimise patient selection

**Sessions to contain interactive
presentation and discussion with
Edwards experts**

- 16:00 › Introduction for therapy
- 16:05 › General guidance for patient selection
- 16:10 › Echo parameters and characteristics to consider (with examples)
- 16:20 › CT parameters and characteristics to consider (with examples)