The Heart Team Course - focus on transcatheter therapies for valvular heart disease

24-26 September 2017
London, United Kingdom
ExCel London

Programme

Valid as of 24 September 2018

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www.pcrlondonvalves.com
- 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

11:00 - 11:05
ROOM 2
Level 01
Focus on Imaging
Ceremony
11:00

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

11:00 - 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.

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 - 13:00
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.

12:00 - 12:30
Welcome lunch - PCR Innovators Day London

ROOM 4
Level 01
PCR Innovators Day

- 12:00 -
Sunday 24 September

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. Lancellootti, 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. Lancellootti
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

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

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.
<table>
<thead>
<tr>
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<tbody>
<tr>
<td>13:00 - 13:45</td>
<td>How to leverage advanced imaging for mitral valve paravalvular leak repairs, LAAC and atypical situations</td>
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</table>
|                 | GE HEALTHCARE  
Level 01  
Focus on Imaging  
Training Village |
| 13:00 - 13:50   | Customised sizing workshops on stand-alone softwares                                             |
|                 | MEDTRONIC  
Level 01  
Focus on Imaging  
Training Village |
| 13:30 - 14:30   | Hands-on 3D patient planning for TMVR                                                            |
|                 | MATERIALISE  
Level 01  
Focus on Imaging  
Training Village |
| 13:30 - 14:30   | Explore 4D MV-ASSESSMENT for the quantification of mitral valve dimensions based on 4D Echo     |
|                 | TOMTEC  
Level 01  
Focus on Imaging  
Training Village |
| 13:40 - 14:30   | Networking break - Round table workshop. Valvular interventions: TAVI, mitral, tricuspid, imaging. Where will we be in 2025? |
|                 | ROOM 4  
Level 01  
PCR Innovators Day |

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**ESSENTIAL LEARNING: TAVI**

Imaging - Live CT analysis and interpretation for device selection and sizing

Facilitators: T. Modine, D. Tchétché  
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

---

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.

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.

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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

**Imaging to predict TAVI outcomes**
Session comprising selected PCR London Valves 2017 abstract submissions

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

- 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

**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 - 15:00

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

**EDWARDS LIFESCIENCES**
**MITRAL**
Level 01
Training Village

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

14:00 - 14:45

**Hands-on session on VALVE ASSIST 2 for TAVI**

**GE HEALTHCARE**
Level 01
Focus on Imaging
Training Village

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

14:00 - 14:50

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

**MEDTRONIC**
Level 01
Focus on Imaging
Training Village

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
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<td>14:30 - 15:30</td>
<td>Optimising TAVI portfolio: choosing the right valve for each patient</td>
<td>See session details in the Sponsored Programme section at the end of this document.</td>
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<tr>
<td>15:00 - 16:30</td>
<td>Beating heart: a different perspective to the MitraClip therapy</td>
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<td>15:00 - 16:00</td>
<td>Imaging in TAVI: planning and guidance, this is how our heart team does it!</td>
<td>See session details in the Sponsored Programme section at the end of this document.</td>
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<td>15:00 - 16:00</td>
<td>Explore 4D MV-ASSESSMENT for the quantification of mitral valve dimensions based on 4D Echo</td>
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**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
Sunday 24 September

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
> 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
15:35
> Discussion and audience interaction
15:39
> 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

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.

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 -

**Networking break - Moderated abstracts - Group 1 Mitral**

*Facilitators: S. Chen, A. Latib*

- 16:00
  - Proof of concept of a new physiologic transcatheter mitral valve in a chronic animal model
    - M. Scorsin
- 16:05
  - 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

**Networking break - Moderated abstracts - Group 2 Tricuspid**

*Facilitators: E. Grube, M. Haude*

- 16:00
  - First-in-man implantation of a bicavally anchored tricuspid valve for the treatment of severe tricuspid regurgitation
    - S. Toggweiler
- 16:05
  - 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 - 17:00

**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

**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

**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.*
### Sunday 24 September

#### 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

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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  
K.K. Yeo |
| 16:48 | A patient undergoing mitral edge-to-edge repair  
R. Von Bardeleben |
| 16:53 | Time to React@PCR  
F. Maisano |
| 16:58 | A patient undergoing mitral annuloplasty  
K.H. Yeo  
J. Hancock |
| 17:03 | Time to React@PCR  
R.S. Von Bardeleben  
F. Maisano |
| 17:08 | A patient undergoing transcatheter mitral valve replacement  
M. Botnick  
J. Hancock  
R.S. Von Bardeleben |
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F. Maisano |
| 17:23 | Time to React@PCR  
F. Maisano |
| 17:28 | Session evaluation and key learnings  
F. Maisano |

#### 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*  

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T. Modine, B. Prendergast, S. Windecker |

#### 17:00 - 17:45
**GE HEALTHCARE**  
Level 01  
Focus on Imaging  
Training Village  
Using advanced imaging techniques can help you with your TAVI cases

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

**Medtronic**  
Level 01  
Focus on Imaging  
Training Village  
*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*

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| 16:58 | Session evaluation and key learnings  
F. Maisano |

#### 16:35 - 17:45
**Medtronic**  
Level 01  
Focus on Imaging  
Training Village  
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#### 16:35 - 17:30
**ROOM 3**  
Level 01  
PCR Innovators Day  
A word from our sponsors  
*Facilitator: W. Wijns*

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| 16:35 | GENAE  
J. Bosiers |
| 16:38 | CERC  
M.C. Morice |
| 16:41 | IMMIR  
N. Borenstein |

#### 16:35 - 17:30
**ROOM 3**  
Level 01  
PCR Innovators Day  
Concluding remarks  
*Panellists: A. Baumbach, M. Cox, F. Hellig, I. Meredith, M. Rothman, A. Schmitz*

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N. Piazza, B. Prendergast |
### Sunday 24 September

- **18:00 -**

**MAIN ARENA**
**Tools and Techniques**

**18:00 - 19:40**

**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

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**ROOM 2**

**18:00 - 18:45**

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

See session details in the Sponsored Programme section at the end of this document.
Monday 25 September

- 08:00 -

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 - 08:45

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

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

Chairpersons: J. Fajadet, M. Haude
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 -

Portico Beating Heart: hands-on session

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

09:00 - 10:00

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 - 10:00

Training Village

09:00 - 10:15

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.

09:30 - 10:30

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

Bioprosthetic valve leaflet thickening, subclinical thrombosis and long-term durability

L. Sondergaard

09:48

Time to React@PCR

09:55

Optimal pharmacology - Current evidence and imminent trials

D. Capodanno

10:01

Time to React@PCR

10:08

TAVI endocarditis - A lurking menace

A. Linke

10:14

Time to React@PCR

10:21

Session evaluation and key learnings

H. Moellmann

10:27
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 - 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 REPRISE 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

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 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
> Transcarotid 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**
09:30
> TAVI in challenging situations
**Facilitators: Ö. Göktekin, F. Hellig**

09:38
> Mitral valve replacement and repair

09:46
> Tricuspid/Pulmonary valve

09:54
> Other valvular and structural interventions

10:00 - 10:50
**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.

10:30 - 11:00
**POSTERS’LAB**
**Level 01**
**Moderated Posters**

10:30
> Six-month results of transcatheter edge-to-edge repair of severe tricuspid regurgitation
J. Hausleiter

10:35
> Discussion and audience interaction

10:43
> Baseline and dobutamine stress haemodynamic physiology of the severely stenotic aortic valve before and after TAVI
J. Zelis

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**

10:00 - 10:30
**ACURATE neo implantation procedure and tips and tricks**
See session details in the Sponsored Programme section at the end of this document.

10:00 - 10:30
**EDWARDS LIFESCIENCES MITRAL**
**Level 01**
**Focus on Imaging**
**Training Village**

See session details in the Sponsored Programme section at the end of this document.
- 11:00 -

SPOTLIGHT: Standardised definitions for clinical and imaging endpoints after surgical and transcatheater 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 - 11:45

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  

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

- First-in-man implantation of a novel transfemoral self-expanding transcatheter heart valve to treat pure aortic regurgitation  
  U. Schäfer

- Discussion and audience interaction

- Valve-in-valve TAVI and high-risk of coronary occlusion: Evolut R and the “chimney” technique  
  R. Nerla

- Discussion and audience interaction

- In-vivo detection of an acute cerebral embolisation during TAVI  
  V. Jimenez

- Discussion and audience interaction

- Family affairs: intervention mitral valve edge-to-edge repair following a failed surgical “Alfieri” procedure  
  C. Wolther

- Discussion and audience interaction

- Combined transfemoral TAVI and endovascular abdominal aortic repair  
  S. Mauri

- Discussion and audience interaction

- Implantation of percutaneous aortic valve in status of cardiac arrest  

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
Monday 25 September

11:00 - 11:45

INTERACTIVE CASE CORNER
Level 01
Cases

Mitral valve-in-valve and valve in mitral annular calcification
Session comprising selected PCR London Valves 2017 clinical case submissions
Facilitators: C. Ruiz, K.K. Yeo

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. Chrissoheris

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. Chrissoheris

11:38
Percutaneous transfemoral transseptal valve-in-valve treatment of surgical biological mitral prosthesis stenosis with a pulmonary transcatheter valve
G.P. Ussia

11:30 - 12:30

MAIN ARENA
Level 01
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

11:00 - 12:00

EDWARDS LIFESCIENCES
AORTIC
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

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
MITRAL
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.

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.
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 - 12:35

Valve-in-valve TAVI

Session comprising selected PCR London Valves 2017 clinical case submissions
Facilitators: T. Lefèvre, R. Nerla

Cases
11:50 - 12:35

- High-risk valve-in-valve TAVI with no femoral access
  H. Ahmad
11:58 - 12:35

- Transcatheter treatment of degenerated homo- and xenografts
  G. Dahle
12:06 - 12:35

- Brachiocephalic artery access in valve-in-valve TAVI
  S. Lluberas
12:14 - 12:35

- A valve-in-valve procedure: and then comes the bad outcome
  F. Bouisset
12:21 - 12:35

- Two different aortic valve-in-valve replacement in a same bioprosthesis
  D. Chan
12:28 - 12:35

- A 20mm XT valve-in-valve unusual complication
  K. Poon

- 12:00 -

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

Moderated posters: Dilemmas after TAVI

Session comprising selected PCR London Valves 2017 abstract submissions
Facilitators: J. Byrne, S. Toggweiler

- Clinical valve thrombosis after transcatheter valve-in-valve implantation for degenerated bioprosthetic aortic valves
  J. Kaur
12:30 - 13:00

- Novel predictors of new persistent left bundle branch block in SAPIEN 3 TAVI
  S. Zaid
12:35 - 13:00

- Conduction disorders using the Evolut R prosthesis compared to the CoreValve: has anything changed?
  N. Perrin
12:43 - 13:00

- True cover index predicts early pacemaker implantation after TAVI with a self-expansible device. Establishment of an index
  K. Kalogeras
12:51 - 13:00

- Discussion and audience interaction

- 13:00 -

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.
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<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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<td>13:00 - 13:45</td>
<td><strong>Symposium</strong>&lt;br&gt;The Lotus Valve System: building the next chapter</td>
<td>ROOM 2</td>
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<tr>
<td></td>
<td><strong>Symposium</strong>&lt;br&gt;The ACURATE neo TAVI System: simplifying TAVI procedures</td>
<td>ROOM 2</td>
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<td>13:00 - 14:40</td>
<td><strong>Symposium</strong>&lt;br&gt;Giving beyond boundaries in structural heart interventions?</td>
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<td>13:00 - 14:45</td>
<td><strong>Symposium</strong>&lt;br&gt;Carillon - The first choice in treatment of functional mitral regurgitation</td>
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<td>13:00 - 14:15</td>
<td><strong>Training Village</strong>&lt;br&gt;CT imaging acquisition and interpretation initiative for balloon expandable transcatheter heart valves</td>
<td>EDWARDS LIFESCIENCES AORTIC, Level 01</td>
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<tr>
<td>13:30 - 14:30</td>
<td><strong>Training Village</strong>&lt;br&gt;Portico Beating Heart: hands-on session</td>
<td>ABBOTT, Level 01</td>
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<td>13:30 - 14:30</td>
<td><strong>Training Village</strong>&lt;br&gt;ACURATE neo implantation procedure and tips and tricks</td>
<td>BOSTON SCIENTIFIC, Level 01</td>
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<tr>
<td>14:00 - 15:00</td>
<td><strong>Training Village</strong>&lt;br&gt;Cardioband procedure training: how to master the Edwards Cardioband system procedure</td>
<td>MAIN ARENA</td>
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<td>14:45 - 15:45</td>
<td><strong>Main Arena</strong>&lt;br&gt;LIVE demonstration from St Thomas’ Hospital London: transfemoral TAVI - device selection</td>
<td>MAIN ARENA</td>
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**Monday 25 September**

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

- 14:00 -

Patient presentation: P. MacCarthy
Imaging analysis: D. Mylotte
Strategic and technical discussion on the LIVE case
Key objectives, strategy, tools and techniques
LIVE case procedure from St Thomas’ Hospital - London, United Kingdom
Time to React@PCR
Reducing complications after TAVI: part III – Acute kidney injury

Chairpersons: J. Byrne, H. Eltchaninoff
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 - 15:30
ROOM 2
Level 01
Plenary

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. Tchéché
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 - 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. Tchéché
Panellists: A. Colli, R. Hahn, G. Nickenig, M. Williams

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- To understand how clinical and anatomical characteristics of the mitral valve can influence patient and device selection
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Monday 25 September

**14:45 - 16:15**

**ROOM 4**

Focus on International Collaboration

**Cases**

**14:45 - 15:30**

**INTERACTIVE CASE CORNER**

**Level 01**

Session comprising selected PCR London Valves 2017 clinical case submissions

**Facilitators:** G. Bompotis, M. Gilard, M. Reardon

**Panellists:** T. Feldman, T. Modine, K. Toutouzas

**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**

**APPLIED LEARNING in TAVI - Complications and their management**

**Facilitators:** C. Tamburino, N. Van Mieghem

**Media Driver:** C. Allen

**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

**14:45 - 15:30**

**INTERACTIVE CASE CORNER**

**Level 01**

Session comprising selected PCR London Valves 2017 clinical case submissions

**Facilitators:** F. Hellig, W.H. Yin

- 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

15:11

- A case of percutaneous closure of aorto-right ventricular fistula following TAVI
  - T. Nomura

15:18

- 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

15:24

- Acute severe ischaemic mitral regurgitation during TAVI procedure
  - Y. Yamashita

15:30

- Successful management of acute hemodynamic collapse following TAVI
  - Y. Feng

15:45

- Elevated residual gradient immediately post TAVI
  - S. Dawkins

16:00

- Discussion and audience interaction

16:08

- Discussion and audience interaction

**15:00 - 16:00**

**BOSTON SCIENTIFIC**

**Level 01**

Training Village

**15:00 - 16:15**

**EDWARDS LIFESCIENCES**

**AORTIC**

**Level 01**

Focus on Imaging

Training Village

**15:00 - 16:00**

**ACURATE neo clinical data**

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

**15:00 - 16:15**

**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

**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

**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

**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 - 15:38
- Session objectives
  - F. Hellig

15:38 - 15:45
- Long-term implications of bleeding complications after TAVI
  - S. Kodali

15:45 - 15:51
- Time to React@PCR

15:51 - 15:54
- Prediction and prevention: current strategies
  - H.L. Kao

15:54 - 15:58
- Time to React@PCR

15:58 - 16:04
- Prediction and prevention: future mechanical and pharmacological approaches
  - R. Nerla

16:04 - 16:11
- Time to React@PCR

16:11 - 16:17
- Session evaluation and key learnings
  - A.S. Petronio

15:35 - 16:20

**TAVI Complications - Part II**

Session comprising selected PCR London Valves 2017 clinical case submissions

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

15:35 - 15:42
- Percutaneous coronary intervention to occluded left coronary artery immediately following successful TAVR
  - T. Mabote

15:42 - 15:49
- FFR-guided stenting for left sinus of valsalva narrowing caused by balloon expandable aortic valve
  - T. Watanabe

15:56 - 16:02
- Successful management of unusual cause of left main trunk occlusion after TAVI
  - H. Hase

16:02 - 16:08
- TAVI: a late unpredictable and life-threatening complication
  - J. Cortés-Lawrenz

16:08 - 16:14
- Late transcatheter heart valve thrombosis with embolic presentation in a patient on oral anticoagulant
  - J.J. Erungaren

16:14 - 16:20
- Late heart valve thrombosis after transapical TAVI with a self-expandable valve with stabilisation arches
  - I. Seropian

16:20 - 16:25
- An unusual case of late transcatheter heart valve thrombosis presented as inferior STEMI
  - Z.G. Zhao

15:45 - 16:15

**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

15:45 - 15:50
- Percutaneous transcatheter tricuspid repair in a patient with a failing De Vega annuloplasty
  - R. Estevez-Loureiro

15:50 - 15:54
- Time to React@PCR

15:54 - 15:59
- First percutaneous leadless pacemaker implantation and transcatheter tricuspid valve repair for lead-associated severe tricuspid regurgitation
  - G.H.L. Tang

15:59 - 16:03
- Time to React@PCR

16:03 - 16:08
- 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 - 16:12
- Time to React@PCR

16:12 - 16:17
- Announcement of the winner of the PCR London Valves 2017 Best Clinical Case
  - P. MacCarthy
Monday 25 September

16:00 - 18:00

**Catheter skills for Cardiac surgeons**

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

16:00 - 17:00

**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.*

16:00 - 16:50

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

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

**LIVE demonstration from San Raffaele Scientific Institute Milan: transseptal 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*

- 16:00 -

16:30 - 17:30

**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

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
Monday 25 September

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 transcatheter 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
16:46
- Abbott Tendyne
  D. Muller
16:51
- Discussion and audience interaction
16:55
- Edwards CardiAQ
  L. Sondergaard
17:00
- Discussion and audience interaction
17:04
- Transcatheter tricuspid valve repair: initial results from the multicentre first-in-man trial
  G. Nickenig
17:09
- Mid-term echocardiographic outcome in 25 patients with severe tricuspid regurgitation treated with transcatheter edge-to-edge repair using the MitraClip system
  M. Orban
17:18
- Discussion and audience interaction
17:22
  F. Notaristefano
17:27
- Session evaluation and key learnings
  N. Moat
17:30
- LAA closure with a novel device; 30-day follow-up from a single-centre case series
  P. Pagnotta
17:35
- New fully absorbable patch based large hole vascular closure device
  M. Laule
17:40
- Discussion and audience interaction
17:44
- Valve-in-valve in degenerated homo- and xenograft, special precautions to take?
  G. Dahle
17:49
- Discussion and audience interaction
17:53
- 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 - 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
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

- Transcatheter tricuspid valve repair: initial results from the multicentre first-in-man trial
- Discussion and audience interaction
- Mid-term echocardiographic outcome in 25 patients with severe tricuspid regurgitation treated with transcatheter edge-to-edge repair using the MitraClip system
- Discussion and audience interaction
- Discussion and audience interaction
- Valve-in-valve in degenerated homo- and xenograft, special precautions to take?
- Discussion and audience interaction
- LAA closure with a novel device; 30-day follow-up from a single-centre case series
- Discussion and audience interaction
- New fully absorbable patch based large hole vascular closure device
- Discussion and audience interaction

TAVI ▪ Mitral valve replacement and repair ▪ Tricuspid/Pulmonary valve ▪ Other valvular and structural interventions
### Complex valve procedures
Session comprising selected PCR London Valves 2017 clinical case submissions
Facilitators: M. Buch, E. Grube

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

### LIVE demonstration from St Thomas' Hospital London: transvenous tricuspid valve-in-valve
Chairpersons: A. Linke, A.S. Petronio
Panellists: D. Dvir, O. Göktekin, R. Kornowski, P. Pibarot, M. Reardon
Operators: B. Prendergast, S. Redwood
Control Desk: C. Allen
React@PCR Moderator: H. McConkey

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

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

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.

### 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

**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

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. Søndergaard

18:28

Time to React@PCR

18:33

Session evaluation and key learnings

N. Moat

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**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

A. Cheung

17:56

Neovasc

M. Williams

18:05

Discussion and audience interaction

Caisson

18:14

Discussion and audience interaction

18:23

Caisson

18:32

Session evaluation and key learnings

M.B. Leon
**Monday 25 September**

**17:35 - 18:35**

**ROOM 4**

**Level 01**

**Focus 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 -

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

*Chairpersons: C.K. Naber, C. Tamburino*


*Operators: A. Öner, H. Ince*

*Control Desk: P. Thériault-Lauzier*

*React@PCR Moderator: J. Joseph*

<table>
<thead>
<tr>
<th>Time</th>
<th>Event Description</th>
</tr>
</thead>
</table>
| 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  
Time to React@PCR |
| 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

<table>
<thead>
<tr>
<th>Time</th>
<th>Event Description</th>
</tr>
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</table>
| 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  
T. Pilgrim |
| 08:27 | Time to React@PCR  
Case 2: transapical access  
G. Lucchese |
| 08:40 | Time to React@PCR  
Case 3: transaxillary access  
U. Schäfer |
| 08:53 | Time to React@PCR  
Case 4: transcarotid access  
T. Modine |
| 09:06 | Time to React@PCR  
Case 5: transcaval access  
A. Greenbaum |
| 09:19 | Session evaluation and key learnings  
A. Colombo |
| 09:25 | Time to React@PCR |
| 09:30 | Time to React@PCR |

---

**TAVI**  
**Mitral valve replacement and repair**  
**Tricuspid/Pulmonary valve**  
**Other valvular and structural interventions**
### 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

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
<th>Presenter</th>
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<tbody>
<tr>
<td>08:00</td>
<td>Session objectives</td>
<td>D. Capodanno</td>
</tr>
<tr>
<td>08:03</td>
<td>Clinical case presentation</td>
<td>K.H. Kuck</td>
</tr>
<tr>
<td>08:15</td>
<td>Discussion and audience interaction</td>
<td>H. Moellmann</td>
</tr>
<tr>
<td>08:35</td>
<td>Discussion and audience interaction</td>
<td>F. Maisano</td>
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<tr>
<td>08:45</td>
<td>Procedural considerations</td>
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<tr>
<td>08:57</td>
<td>Discussion and audience interaction</td>
<td></td>
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<tr>
<td>09:07</td>
<td>Post-procedural management and clinical outcomes</td>
<td>E. Grube</td>
</tr>
<tr>
<td>09:17</td>
<td>Discussion and audience interaction</td>
<td></td>
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<tr>
<td>09:27</td>
<td>Session evaluation and key learnings</td>
<td>A. Latib</td>
</tr>
</tbody>
</table>

### 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

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

Complications of mitral edge-to-edge repair
Session comprising selected PCR London Valves 2017 clinical case submissions
Facilitators: D. Muller, J.J. Popma

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

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.

Customised sizing workshops on stand-alone softwares

See session details in the Sponsored Programme section at the end of this document.
Tuesday 26 September

08:50 - 09:30 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 - 10:30 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 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 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 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 - 09:30 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.
**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 - 10:35

**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


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**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 - 10:35

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

Chairperson: P. Denti, N. Piazza
Panelists: 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
R.S. Von Bardeleben
09:56
- Device and procedural considerations
A. Colli
10:05
- Discussion and audience interaction
N. Piazza
10:14
- Post-procedural management and clinical outcomes
A. Colli
10:23
- Discussion and audience interaction
N. Piazza
10:32
- Session evaluation and key learnings

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

Chairpersons: M. Gilard, K. Wilson
Panelists: 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
J. Hancock
09:55
- The echocardiogram report: what does it all mean?
R. Rajani
10:00
- Discussion and audience interaction
10:06
- The TAVI CT report: what does it all mean?
R. Rajani
10:11
- Discussion and audience interaction
10:17
- Team preparation for structural heart interventions
P. Ghandour
10:22
- Discussion and audience interaction
L. Hinterbuchner
10:28
- Professional development for structural heart disease nurse specialists - The new EAPCI core curriculum
10:33
- Session evaluation and key learnings
M. Gilard

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

09:35
- Session objectives
09:38
- The TAVI work-up: what do we need to know?
B. Wulff
09:44
- Discussion and audience interaction
J. Hancock
09:55
- The echocardiogram report: what does it all mean?
R. Rajani
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- Professional development for structural heart disease nurse specialists - The new EAPCI core curriculum
10:33
- Session evaluation and key learnings
M. Gilard
Tuesday 26 September

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. Favera
10:31
> Double TAVI to treat aortic insufficiency and shock in a patient with left ventricular assist device
H. Ahmad

- 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

10:35 - 11:00

EDWARDS LIFESCIENCES
MITRAL
Level 01
Training Village
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

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

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.
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Chairpersons</th>
<th>Panelists</th>
</tr>
</thead>
</table>
| 11:00 - 12:30 | TAVI in bicuspid aortic valve disease                                 | Chairpersons: T. Modine, S. Saito | Panelists: M. Barbanti, M. Chen, D. Mylotte, S. Redwood  
React@PCR Moderator: S. Cannata |
| 11:00 - 12:30 | Case-based learning for the Heart Valve Team: indirect percutaneous mitral annuloplasty | Chairpersons: N. Dumonteil, L. Søndergaard  
Panelists: V. Delgado, C. Ruiz, H. Treede, R.S. Von Bardeleben |

**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 - 12:30**

**ROOM 2**  
**Level 01**  
**Plenary**

**11:00 - 12:30**

**ROOM 3**  
**Level 01**  
**Case-Based**  
**Plenary**

**11:00 - 12:30**

**-session objectives**  
*T. Modine*

**11:05 - 11:20**

**The scale of the problem - Epidemiology, anatomy and pathophysiology**  
*M.K.Y. Lee*

**11:20 - 11:35**

**Defining the issues - Pre-procedural imaging**  
*N. Piazza*

**11:35 - 11:50**

**Defining the issues - Valve implantation**  
*D. Mylotte*

**11:50 - 11:55**

**Time to React@PCR**

**11:55 - 12:10**

**Time to React@PCR**

**12:10 - 12:15**

**Learning from experience: a case that went well**  
*E. Tay*

**12:15 - 12:20**

**Time to React@PCR**

**12:20 - 12:35**

**Learning from experience: a case that went badly**  
*K. Hayashida*

**12:35 - 12:50**

**Time to React@PCR**

**12:50 - 12:55**

**Dedicated devices for bicuspid aortic valve disease**  
*M. Abdel-Wahab*

**12:55 - 13:10**

**Time to React@PCR**

**13:10 - 13:25**

**Session objectives**  
*N. Dumonteil*

**13:25 - 13:40**

**Clinical case presentation**  
*C. Hammerstingl*

**13:40 - 13:55**

**Discussion and audience interaction**  
*C. Hammerstingl*

**13:55 - 14:10**

**Device presentation: Carillon**  
*H. Sievert*

**14:10 - 14:25**

**Discussion and audience interaction**  
*R.S. Von Bardeleben*

**14:25 - 14:40**

**Procedural considerations**  
*M. Haude*

**14:40 - 14:55**

**Post-procedural management and clinical outcomes**  
*L. Sondergaard*
Tuesday 26 September

11:00 - 11:45

ROOM 4
Level 01
Focus on Nurses and Allied Professionals

Focus on Essential Learning

Plenary

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

11:00
> Session objectives
T. Pilgrim

11:03
> Aortic stenosis: anatomy, physiology and pathology
M. De Ronde

11:08
> Discussion and audience interaction

11:13
> Aortic stenosis: patient pathways
A. Wollaston

11:18
> Discussion and audience interaction

11:23
> Mitral regurgitation: anatomy, physiology and pathology
S. Buendia Martinez

11:28
> Discussion and audience interaction

11:33
> Mitral regurgitation: patient pathways
L. Kelly

11:38
> Discussion and audience interaction

11:43
> 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 transseptal 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 transseptal approach
> To know more about how to avoid and manage the potential pitfalls of the procedure

11:00 - 12:30

INTERACTIVE CASE CORNER
Level 01

Burning Questions

11:00 - 11:45

INTERACTIVE CASE CORNER
Level 01

Burning Questions

11:00 - 12:30

ROOM LEARNING
Level 01
Focus on Applied Learning

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

11:00 - 12:30

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.

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.

11:30 - 12:30

MAIN ARENA
Level 01

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

Chairpersons: F. Maisano, S. Windecker
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
Tuesday 26 September

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*

12:30 - 13:00

**POSTERS’LAB**
**Level 01**

**Moderated Posters**

- Impact of preoperative frailty status as a predictor of outcomes following transfemoral TAVI
  *H. Suzuki*

- Discussion and audience interaction

  *V. Mauro*

- 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

12:30 - 13:00

**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*

12:30 - 13:00

**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 - 14:00

**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

**BOSTON SCIENTIFIC**
**Level 01**

**Training Village**

**ACURATE neo clinical data**

See session details in the Sponsored Programme section at the end of this document.
Tuesday 26 September

13:00 - 13:50
Customised sizing workshops on stand-alone softwares

MEDTRONIC
Level 01
Focus on Imaging
Training Village

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
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 Universitaires Herzzentrum - Rostock, Germany

15:35
Time to React@PCR

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
### RAPID FIRE: innovations in percutaneous tricuspid intervention

**Chairpersons:** F. Maisano, A. Vahanian  
**Panelists:** 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

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>14:45</td>
<td>Session objectives</td>
</tr>
<tr>
<td>14:48</td>
<td>TricValve - Clinical outcomes and current challenges, A. Lauten</td>
</tr>
<tr>
<td>14:53</td>
<td>4Tech - Clinical outcomes and current challenges, P. Denti</td>
</tr>
<tr>
<td>14:58</td>
<td>Trialign - Clinical outcomes and current challenges, R. Hahn</td>
</tr>
<tr>
<td>15:03</td>
<td>Discussion and audience interaction</td>
</tr>
<tr>
<td>15:15</td>
<td>MitraClip for tricuspid valve - Clinical outcomes and current challenges, C. Hammerstingl</td>
</tr>
<tr>
<td>15:20</td>
<td>FORMA - Clinical outcomes and current challenges, D. Dvir</td>
</tr>
<tr>
<td>15:25</td>
<td>Navigate Transcatheter tricuspid valve replacement - Clinical outcomes and current challenges, J.L. Navia</td>
</tr>
<tr>
<td>15:30</td>
<td>Discussion and audience interaction</td>
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<tr>
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<td>Session evaluation and key learnings, F. Maisano</td>
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<td>16:20</td>
<td>Discussion and audience interaction</td>
</tr>
<tr>
<td>16:27</td>
<td>Session evaluation and key learnings, F. Maisano</td>
</tr>
</tbody>
</table>

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### My worst moment during a transcatheter valve intervention

**Chairpersons:** M. Haude, N. Piazza  
**Panelists:** 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

<table>
<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>15:45</td>
<td>Session objectives</td>
</tr>
<tr>
<td>15:47</td>
<td>Case 1: rescue PCI for coronary ostial obstruction following self-expanding valve deployment, M. Chen</td>
</tr>
<tr>
<td>15:52</td>
<td>Time to React@PCR</td>
</tr>
<tr>
<td>15:55</td>
<td>Case 2: one patient, three valves, three major complications, C. Tamburino</td>
</tr>
<tr>
<td>16:00</td>
<td>Time to React@PCR</td>
</tr>
<tr>
<td>16:03</td>
<td>Case 3: don't pull the wire out, S. Kar</td>
</tr>
<tr>
<td>16:08</td>
<td>Time to React@PCR</td>
</tr>
<tr>
<td>16:11</td>
<td>Case 4: Corevalve implantation to resolve left ventricular outflow tract obstruction after valve-in-ring implantation, F. Maisano</td>
</tr>
<tr>
<td>16:16</td>
<td>Time to React@PCR</td>
</tr>
<tr>
<td>16:20</td>
<td>Case 5: listen to the experts</td>
</tr>
<tr>
<td>16:27</td>
<td>Session evaluation and key learnings, N. Piazza</td>
</tr>
</tbody>
</table>

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

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

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

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>16:30</td>
<td>Concluding remarks</td>
</tr>
<tr>
<td>16:30</td>
<td>B. Prendergast</td>
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### 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.**

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<thead>
<tr>
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<tr>
<td>15:00</td>
<td>CT imaging acquisition and interpretation initiative for balloon expandable transcatheter heart valves</td>
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<tr>
<td>15:00</td>
<td>Cardioband procedure training: how to master the Edwards Cardioband system procedure</td>
</tr>
<tr>
<td>16:00</td>
<td>Cardioband patient screening: how to select the right patients for the Edwards Cardioband system</td>
</tr>
<tr>
<td>16:30</td>
<td>Highlights of the Course</td>
</tr>
</tbody>
</table>

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- **TAVI** - Mitral valve replacement and repair  
- **Tricuspid/Pulmonary valve**  
- **Other valvular and structural interventions**
Detailed Sponsored Programme
12:00 - Cardioband procedure training: how to master the Edwards Cardioband system procedure

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 - 12:45

Hands-on session on VALVE ASSIST 2 for TAVI

Attend this session if you want:
- To 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

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

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

- 13:00 -

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

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 - 13:45

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

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

- 12:00 -

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

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 - 13:50

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

13:30 - 14:30

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

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

- Mitral planning in mimics : the exclusive launch workshop

13:30 - 14:30

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

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 - 15:00

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 - 14:45

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

**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

Optimising TAVI portfolio: choosing the right valve for each patient

**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 - 15:30

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

**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 - 15:45

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

**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 - 16:30

Beating heart: a different perspective to the MitraClip therapy

**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 - 16:00

- 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
- Leverage cases from Prof. Guerin, University Hospital Nantes
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

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

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

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

15:00 - 16:00
PHILIPS HEALTHCARE
Level 01
Focus on Imaging
Training Village

15:30 - 16:00
MEDTRONIC
Level 01
Focus on Imaging
Training Village

15:30 - 16:20
TOMTEC
Level 01
Focus on Imaging
Training Village

15:30 - 16:30
MATERIALISE
Level 01
Focus on Imaging
Training Village

15:30 - 16:00
MEDTRONIC
Level 01
Focus on Imaging
Training Village

15:00 - 16:00
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

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 - 16:45
GE HEALTHCARE
Level 01
Focus on Imaging
Training Village

16:00 - 17:00
BOSTON SCIENTIFIC
Level 01
Training Village

16:00 - 16:45
GE HEALTHCARE
Level 01
Focus on Imaging
Training Village

16:00 - 16:45
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
### 16:15 - 17:45

**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

**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 an tricks to best choose the valve for your TAVI
- To understand the interest of making fusion during TAVI with Valve ASSIST 2

17:00
17:25

**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**

### 17:00 - 17:50

**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.
### - 18:00 -

**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

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>18:00</td>
<td>Session objectives</td>
</tr>
<tr>
<td>18:05</td>
<td>The aortic valve: standard of care for intermediate-risk, high-risk and inoperable patients; expanded indication studies underway</td>
</tr>
<tr>
<td>18:15</td>
<td>Time to React@PCR</td>
</tr>
<tr>
<td>18:20</td>
<td>The Edwards SAPIEN 3 Valve - &quot;7 Cases in a day&quot; - Recorded case from Leiden University Medical Center - Leiden, The Netherlands</td>
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<tr>
<td>18:30</td>
<td>Time to React@PCR</td>
</tr>
<tr>
<td>18:35</td>
<td>Introduction</td>
</tr>
<tr>
<td>18:37</td>
<td>TAVI optimisation with the Edwards SAPIEN 3 Valve - &quot;7 Cases in a day&quot; - Recorded case from Leiden University Medical Center - Leiden, The Netherlands</td>
</tr>
<tr>
<td>18:40</td>
<td>Introduction</td>
</tr>
<tr>
<td>18:43</td>
<td>Session evaluation and key learnings</td>
</tr>
</tbody>
</table>

**18:00 - 18:45**

**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

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>18:00</td>
<td>Session objectives</td>
</tr>
<tr>
<td>18:03</td>
<td>Transcatheter mitral valve replacement as the next mountain to climb</td>
</tr>
<tr>
<td>18:10</td>
<td>Discussion and audience interaction</td>
</tr>
<tr>
<td>18:13</td>
<td>Adding transcatheter mitral valve replacement to your practice - The essentials from skills to team set-up</td>
</tr>
<tr>
<td>18:20</td>
<td>Discussion and audience interaction</td>
</tr>
<tr>
<td>18:23</td>
<td>Screening and selecting the appropriate patients for transcatheter mitral valve replacement</td>
</tr>
<tr>
<td>18:30</td>
<td>Discussion and audience interaction</td>
</tr>
<tr>
<td>18:33</td>
<td>Optimising care for the transcatheter mitral valve replacement patient</td>
</tr>
<tr>
<td>18:40</td>
<td>Discussion and audience interaction</td>
</tr>
<tr>
<td>18:43</td>
<td>Session evaluation and key learnings</td>
</tr>
</tbody>
</table>
- 09:00 -

**Portico Beating Heart: hands-on session**
Sponsored by Abbott

**Attend this session if you want:**
- To get introduced to the Abbott TAVI programme
- To experience 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**

**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 - 10:00
- Introduction for the device, functionality, training process, Q&A
- Hands-on session with camera simulator

- 10:00 -

**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**

**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
- General guidance for patient selection
- Echo parameters and characteristics to consider (with examples)
- CT parameters and characteristics to consider (with examples)

10:00 - 10:50

**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 - 10:15**

**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.

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 -

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

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
**Cardioband procedure training: how to master the Edwards Cardioband system**
*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
**Customised sizing workshops on stand-alone softwares**
*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
**Cardioband patient screening: how to select the right patients for the Edwards Cardioband system**
*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 - 14:40
**Evolut PRO: latest innovation to simplify your practice and treat all TAVI patients**
*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

**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 REPRISE III trial
T. Feldman
13:13
› Lotus Edge: expanding treatment options
J. Wührle
13:23
› My clinical experience with Lotus Edge
M. Görberg
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
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

13:00
Session objectives
E. Grube
13:03
Optimal patient selection
M. Haude
13:09
Discussion and audience interaction
13:14
Acute success with Carillon - Patient case
K. Witte
13:26
Discussion and audience interaction
13:31
Long-term success with Carillon
E. Schulz
13:37
Discussion and audience interaction
13:42
Session evaluation and key learnings
H. Sievert

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

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

13:30 - 14:30
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 resheathable transcatheter aortic valve
- To experience the repositionability and retrievability features of the Portico TAVI system

Hands-on session on Beating Heart model

13:30 - 14:30
BOSTON SCIENTIFIC
Level 01
Training Village
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

13:30 - 14:30
ROOM 2
Level 01
Symposium
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

13:55 - 14:40
ROOM 2
Level 01
Symposium
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

13:55
Session objectives
H. Moellmann
13:58
Clinical case study: ACURATE neo implantation tips and tricks
A. Ruck
14:08
Insights from the SAVI TF 1000 registry
W.K. Kim
14:18
MORENA study: comparative data analysis
O. Husser
14:28
Discussion and audience interaction
14:38
Session evaluation and key learnings
G. Tarantini
- 14:00 -

**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

**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

- 15:00
  - The key role of CT imaging acquisition and interpretation for a successful TAVI procedure planning

15:00 - 16:15

**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
  - Edwards CT initiative tools display and demonstration

15:00 - 15:30

**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
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 - 16:50
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 - 16:30
- 16:00 -

16:00 - 18:00
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
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

16:30 - 17:30
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 - 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

Sessions to contain interactive presentation and discussion with Edwards experts

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)
08:00 - 09:00

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

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

09:00 - 10:00

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

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 - 10:30

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 - 10:00

BOSTON SCIENTIFIC

ACURATE neo implantation procedure and tips and tricks

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

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 - 10:30

ABBOTT

Beating Heart: a different perspective to the MitraClip therapy

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Attend this session if you want:
- To evaluate the challenges of actual imaging techniques
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Discover MitraClip technology in Beating Heart simulation

09:00 - 10:00

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

10:00
- Edwards CT initiative tools display and demonstration
Tuesday 26 September

09:00 - 09:30  
**Cardioband patient screening:** how to select the right patients for the Edwards Cardioband system  
**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 -

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

09:00 - 09:30  
**Learn how to realise intuitive implant with the new ACURATE neo TA**  
**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 - 11:00  
**Cardioband procedure training:** how to master the Edwards Cardioband system procedure  
**Attend this session if you want:**  
- To understand how to implant the Edwards Cardioband system  
- To experience firsthand 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 -

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

**Learn how to acquire a suitable CT scan for TAVI patients according to your hospital equipment**  
**Attend this session if you want:**  
- To learn about how to 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
**Tuesday 26 September**

### 11:30 - 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**
- 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 - 13:00

**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 - 14:40

**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
- 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

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

*Sponsored by Edwards Lifesciences*

**Focus on Imaging**

**Training Village**

**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
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- 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

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

*Sponsored by Medtronic*

**Focus on Imaging**

**Training Village**

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Participants are invited to bring their own cases

15:00 - 16:00

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

*Sponsored by Edwards Lifesciences*

**Focus on Imaging**

**Training Village**

**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
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**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**

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