Transcatheter Interventions
ONLINE 2022

Programme

23 – 25 March 2022

Course Director: Nicolas Van Mieghem

Co-Course Directors: Kendra Grubb
David Hildick-Smith
Ajay Kirtane
Roxana Mehran
Holger Thiele
Day 1
Wednesday 23 March 2022

**Structural**

3:00 PM  **Welcome**  Nicolas Van Mieghem

**Session 1.1**  **Presentations & Discussion**

**Next Level Structural Heart Interventions**
*Chair:* Nicolas Van Mieghem
*Panel:* Lars Søndergaard, Azeem Latib, Kendra Grubb, David Hildick-Smith
- Update on Transcatheter Mitral Valve Replacement Technology - Azeem Latib
- Potential to Predict Device/Host Interactions - Lars Søndergaard
- Advanced Structural Heart Planning with 3D Simulation and Printing - Nicolas Van Mieghem

3:05 PM  **Session 1.2**  **Live Cases & Discussion**

- **Mitral Valve in Valve** - Herzzentrum Leipzig, DE
- **LAA** - Rigshospitalet, Copenhagen, DK

4:00 PM  **Symposia / Breakouts**

**Optimising Outcomes for the TAVI patient**
*This session is supported by an unrestricted education grant by Medtronic*
*Chair:* Didier Tchétché, Toulouse, FR
*Panel:* Ran Kornowski Tel Aviv, Il; Lars Søndergaard, Copenhagen, DK; Douglas Fraser, Manchester, UK

5:00 PM  **Session 1.3**  **Presentations & Discussion**

**Practical Perspectives in the Context of TAVI**
*Chair:* Kendra Grubb
*Panel:* Didier Tchétché, Roxana Mehran, David Hildick-Smith, Lars Søndergaard
- Concomitant Coronary Artery Disease: Shape Up or Ignore? - Roxana Mehran
- AtrioVentricular Valve Disease: Respectable Target or Innocent Bystander? - Didier Tchétché
- Transcatheter Heart Valve Degeneration: Differences and Similarities with Surgery - David Hildick-Smith

6:00 PM  **Session 1.4**  **Live Cases Centres**

- **TAVI Case** - Erasmus MC, Rotterdam, NL
- **TAVI Case** - NewYork-Presbyterian Hospital, US

7:00 PM  **Day Close**  Nicolas Van Mieghem

*All times in CET. For GMT -1; for EDT -4*
Day 2
Thursday 24 March 2022
Coronary High-Risk / Complex PCI

3:00 PM
Welcome
Ajay Kirtane & Nicolas Van Mieghem

Session 2.1
Presentations & Discussion
Strategies for Calcified Coronary Lesions Anno 2022
Chair: Ajay Kirtane
Panel: Azeem Latib, Joost Daemen, Didier Tchétché, Margaret McEntegart
- Invasive Imaging Appraisal of Dedicated Calcium Modification Techniques - Joost Daemen
- Toolbox to Treat Calcified CAD – Azeem Latib
- Multi Vessel PCI (Complete Multi Vessel: Staged or Adhoc Complete Revascularization) - Didier Tchétché

Session 2.2
Live Cases & Discussion
- Complex with Calcium Modification - Left Main + Calcified Disease - Herzzentrum Leipzig, DE
- Complex PCI of a Calcified Lesion - The Mount Sinai Hospital, New York, US

Symposia / Breakouts
Getting it Right First Time in Severe Aortic Stenosis
This session is supported by an unrestricted education grant by Boston Scientific
Chair: Ole De Backer, Copenhagen, DK
Panel: Darren Mylotte, Galway, IE
Case Operator: Colum Owens, Belfast, IE

For further information on Symposia & Breakout Sessions, please refer to Page 5-7 of this programme

Session 2.3
Presentations & Discussion
Practical Pearls Toward a More Advanced CTO Programme
Chair: Roxana Mehran
Panel: Ajay Kirtane, Nicolas Van Mieghem, Holger Thiele, David Hildick-Smith
- Use of Imaging and Coronary Physiology in the CTO Space - Ajay Kirtane
- Novel Recanalization Techniques - Margaret McEntegart
- Goal-oriented Mindset in CTO Procedures: When to Persist, When to Invest? - Holger Thiele

Session 2.4
Live Cases Centres
- CTO - Erasmus MC, Rotterdam, NL
- CTO - NewYork-Presbyterian Hospital, US

8:00 PM
Day Close
Nicolas Van Mieghem

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Day 3
Friday 25 March 2022
Debates & Controversies

3:00 PM Welcome
   Roxana Mehran

3:05 PM Session 3.1 Keynote
   Chair: Roxana Mehran
   Panel: Nicolas Van Mieghem, Lars Søndergaard, David Hildick-Smith, Kendra Grubb
   - Clinical Implications of Subclinical Imagenomics - Valentin Fuster

3:30 PM Session 3.2 Controversies
   - Role of NOAC in TAVI 2022 - Nicolas Van Mieghem

4:00 PM Session 3.3 Live Cases & Discussion
   - TR Case - Herzzentrum Leipzig, DE
   - RDN Case - Erasmus MC, Rotterdam, NL

5:00 PM Symposia / Breakouts
Severe Aortic Stenosis
   This session is supported by an unrestricted education grant by Edwards
   Chair: Thomas Modine, Bordeaux, FR
   Panel: Rebecca Hahn, New York, US; David Wood, Vancouver, CA; Victoria Delgado, Barcelona, ES
   For further information on Symposia & Breakout Sessions, please refer to Page 5-7 of this programme

6:00 PM Session 3.4 Debates
   Chair: Nicolas Van Mieghem
   Panel: Ajay Kirtane, Roxana Mehran, Holger Thiele, Azeem Latib
   - Is Renal Denervation Ready for Prime-Time? - Ajay Kirtane
   - Do We Need Sex-Specific Trials? - Roxana Mehran

7:00 PM Day Close
   Nicolas Van Mieghem

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SYMPOSIUM

Optimising Outcomes for the TAVI patient: Key Considerations for First Valve Choice and Implantation Techniques

This session is supported by an unrestricted education grant by Medtronic

Chair: Didier Tchétché, Toulouse, FR

- Welcome and Introduction
  Didier Tchétché, Toulouse, FR
- Considerations for First Valve Choice
  Ran Kornowski Tel Aviv, IL
- Optimised Approaches for Long-term Success
  Lars Søndergaard, Copenhagen, DK
- Tips and Tricks for Achieving Procedure Efficiencies
  Douglas Fraser, Manchester, UK
- Q&A, All
  Moderated by Didier Tchétché, Toulouse, FR

BREAKOUT SESSION

Current Data and Future Direction in LAAC

This session is supported by Boston Scientific

Chair: Ole De Backer, Copenhagen, DK

- Welcome and Introduction
  Ole De Backer, Copenhagen, DK
- Live Case Discussion, All
  Moderated by Ole De Backer, Copenhagen, DK
- New insight in LAAC preoperative planning
  Ole De Backer, Copenhagen, DK
- Streamlining the LAAC procedure
  Dabit Arzamendi, Petah, IL
- Current Clinical Data and Future Needs
- Q&A, All
  Moderated by Ole De Backer, Copenhagen, NL

Key Considerations to Ensure Long-Term Patients’ Outcomes: When Anatomy, Engineering and Clinical Practice Come Together

This session is supported by Abbott

Chair: Dave Smith, Swansea, UK
Panel: Silvia Schievano, London, UK; Lluis Asmarats, Barcelona, ES; Andrew Cook, London, UK

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SYMPOSIUM

Getting it Right First Time in Severe Aortic Stenosis – Key insights for Long Term Success

This session is supported by an unrestricted education grant by Boston Scientific

Chair: Ole De Backer, Copenhagen, DK

- Welcome and Introduction
  Ole De Backer, Copenhagen, DK
- What does current data tell us about long term outcomes?
  Darren Mylotte, Galway, IE
- Key considerations for first choice valve in low-risk populations
  Ole De Backer, Copenhagen, DK; Darren Mylotte, Galway, IE
- Live Case: Commissural Alignment
  Colum Owens, Belfast, IE
- Closing remarks
  Ole De Backer, Copenhagen, DK

BREAKOUT SESSION

Innovations in Treating Complex PCI: The Role of Orbital Atherectomy

This session is supported by CSI

Chair: Nicolas Van Mieghem, Rotterdam, NL
Panel: Kambis Mashayekhi, Bad Krozingen, DE; Amir Kaki, Detroit, US

Coronary Physiology in STEMI patients today: Why? When? How?

This session is supported by Opsens Medical

Chair: Ziad Ali, New York, US
Panel: Joost Daemen, Rotterdam, NL; Zsolt Piroth, Budapest, HU

- Welcome and Introduction
  Ziad Ali, New York, US
- Clinical Evidence
  Ziad Ali, New York, US
- Limitations
  Joost Daemen, Rotterdam, NL
- Practical solutions
  Zsolt Piroth, Budapest, HU
- Discussion, All
  Moderated by Ziad Ali, New York, US
- Take-Home Message & Closure
  Ziad Ali, New York, US

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SYMPOSIUM
Severe Aortic Stenosis:
Stratifying Patients for Lifetime Management

This session is supported by an unrestricted education grant by Edwards

Chair: Thomas Modine, Bordeaux, FR

- Forward planning in Severe AS
  Victoria Delgado, Barcelona, ES
- SAVR vs TAVI in younger patients – what do the clinical data tell us?
  David Wood, Vancouver, CA
- SAVR or TAVI first in younger candidates: A question of hypotheticals?
  Rebecca Hahn, New York, US; Thomas Modine, Bordeaux, FR
- Q&A, All
  Moderated by Thomas Modine, Bordeaux, FR

BREAKEOUT SESSION
The Clinical Evidence for Ultrasound RDN (uRDN)
and Building the Therapy Pathway

This session is supported by ReCor Medical

Chair: Felix Mahfoud, Homburg, DE

- Welcome and Introduction
  Felix Mahfoud, Homburg, DE
- The Paradise uRDN System
  Andrew Sharp, Cardiff, UK
- uRDN Clinical Evidence – What Does This Mean for the Field?
  Felix Mahfoud, Homburg, DE
- How to Build a uRDN Centre / Therapy Pathway
  Roland Schneider, Erlangen, DE
- What to Expect in the Future?
  Felix Mahfoud, Homburg, DE
- Live Q&A, All
  Moderated by Felix Mahfoud, Homburg, DE

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