TVT2019
STRUCTURAL HEART SUMMIT
JUNE 12-15, 2019
SHERATON GRAND CHICAGO
CHICAGO, IL

LEARN MORE AT
CRF.ORG/TVT

2019 PROGRAM AGENDA

FOLLOW CRF ON SOCIAL MEDIA FOR THE LATEST UPDATES.
#TVT2019 #TVT2019SHS #TrainWithCRF #LearnWithCRF
@CRFheart Cardiovascular Research Foundation
Image-Based Cases for the Heart Team

**Aortic Cases**

**1:30 PM - 2:15 PM**

**Moderators:** João L. Cavalcante, Torsten P. Vahl

**Discussants:** Anita Asgar, Philipp Blanke, Rebecca T. Hahn, Nadira Hamid, Hasan Jilaihawi

**1:30 PM** Plenary Lecture: Are There Still Imaging Challenges for TAVR

**Lecturer:** Jonathan A. Leipsic

**1:45 PM** Aortic Case 1: Structural Valve Deterioration vs. Late Leaflet Thrombosis

**1:45 PM** Case Presentation and Clinical Device Discussion

**Case Presenter:** Hasan Jilaihawi

**1:50 PM** Anatomic Analysis CT and Panel Discussion

**Lecturer:** Philipp Blanke

**1:55 PM** Anatomic Analysis TTETEE and Panel Discussion

**Lecturer:** Rebecca T. Hahn

**2:00 PM** Panel Discussion on Differential Diagnosis and Management

**Lecturer:** Rebecca T. Hahn

**2:10 PM** Case Intervention and Outcomes

**Case Presenter:** Hasan Jilaihawi

**2:15 PM** Aortic Case 2: Low Left Main

**2:15 PM** Case Presentation and Clinical Device Discussion

**Case Presenter:** Omar K. Khalique

**2:20 PM** Anatomic Analysis CT

**Lecturer:** Philipp Blanke

**2:25 PM** Anatomic Analysis TTETEE

**Lecturer:** Anita Asgar

**2:30 PM** Panel Discussion on Jena Valve vs. BASILICA in Native AS vs. SAVR

**Lecturer:** Anita Asgar

**2:40 PM** Case Intervention and Outcomes

**Case Presenter:** Omar K. Khalique

**2:45 PM - 4:00 PM**

**Mitral Cases**

**Moderators:** Isaac George, Paul A. Grayburn

**Discussants:** Vinayak N. Bapat, Katherine Harrington, Saibal Kar, Omar K. Khalique, Jonathan A. Leipsic, Gilbert H.L. Tang

**2:45 PM** Plenary Lecture: Imaging Issues in Mitral Regurgitation and Impact on Trial Design

**Lecturer:** Paul A. Grayburn

**3:00 PM** Mitral Case 1: Severe FMR

**3:00 PM** Case Presentation and Clinical Device Discussion

**Case Presenter:** Saibal Kar

**3:05 PM** Anatomic Analysis CT and Panel Discussion

**Lecturer:** Jonathan A. Leipsic

**3:10 PM** Anatomic Analysis TTETEE and Panel Discussion

**Lecturer:** Maurice E. Sarano

**3:15 PM** Panel Discussion on Differential Diagnosis and Management

**Lecturer:** Maurice E. Sarano

**3:25 PM** Case Intervention and Outcomes

**Case Presenter:** Saibal Kar

**3:30 PM** Mitral Case 2: Severe MAC

**3:30 PM** Case Presentation and Clinical Device Discussion

**Case Presenter:** Jonathan A. Leipsic

**3:35 PM** Anatomic Analysis CT

**Lecturer:** Dee Dee Wong

**3:40 PM** Anatomic Analysis TTETEE

**Lecturer:** Omar K. Khalique

**3:45 PM** Panel Discussion on Surgical MVR vs. Transcatheter or Minimally Invasive S3 Valve in MAC TMVR Hospice

**Lecturer:** Omar K. Khalique

**3:55 PM** Case Intervention and Outcomes

**Case Presenter:** Jonathan A. Leipsic

**4:00 PM - 5:15 PM**

**Tricuspid Cases**

**Moderators:** Susheel K. Kodali, Thomas Smith

**Discussants:** Vinayak N. Bapat, Charles J. Davidson, Neil P. Fam, Jonathan A. Leipsic, Francesco Maisano

**4:00 PM** Plenary Lecture Tricuspid Valve Interventions: A Voyage of Discovery

**Lecturer:** Rebecca T. Hahn

**4:15 PM** Tricuspid Case 1: Severe or Torrential TR With Dilated VR

**4:15 PM** Case Presentation and Clinical Device Discussion

**Case Presenter:** Akhil Narang

**4:20 PM** Anatomic Analysis CT

**Lecturer:** Dee Dee Wong

**4:25 PM** Anatomic Analysis TTETEE

**Lecturer:** Omar K. Khalique

**4:30 PM** Panel Discussion on Surgical TVR vs. Transcatheter or Minimally Invasive Valve in MAC TMVR Hospice

**Lecturer:** Omar K. Khalique

**4:40 PM** Case Intervention and Outcomes

**Case Presenter:** Jonathan A. Leipsic
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Lecturer/Case Presenter</th>
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<tr>
<td>4:20</td>
<td>Anatomic Analysis CT</td>
<td>Jonathon A. Leipsic</td>
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<td>4:25</td>
<td>Anatomic Analysis TTEEE</td>
<td>Thomas Smith</td>
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<td>4:30</td>
<td>Panel Discussion on Device Sizing When Patient is Volume Overloaded or Optimized</td>
<td>Thomas Smith</td>
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<td>4:40</td>
<td>Case Intervention and Outcomes</td>
<td>Akhil Narang</td>
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<td>4:45</td>
<td>Tricuspid Case 2: Severe TR With Pacemaker Lead</td>
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<td>Case Presentation and Clinical Device Discussion</td>
<td>G. Burkhard Mackensen</td>
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<td>Anatomic Analysis CT</td>
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<td>Anatomic Analysis TTEEE</td>
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<td>5:00</td>
<td>Panel Discussion on Surgery vs Device Selection and Technique</td>
<td>Rebecca T. Hahn</td>
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<td>Case Intervention and Outcomes</td>
<td>G. Burkhard Mackensen</td>
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<td>5:15</td>
<td>Miscellaneous Case 1: Degenerated Homograft With Severe AR</td>
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<td>Case Presentation and Clinical Device Discussion</td>
<td>Molly Szerlip</td>
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<td>Anatomic Analysis CT</td>
<td>Omar K. Khalique</td>
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<td>Anatomic Analysis TTEEE</td>
<td>Gerard Wilkins</td>
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<td>5:30</td>
<td>Panel Discussion on Issues With Redo Which TAVR Device Works Best Optimal Oversizing and Technical Issues</td>
<td>Gerard Wilkins</td>
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<td>Case Intervention and Outcomes</td>
<td>Molly Szerlip</td>
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<td>Miscellaneous Case 2: Mechanical MVR With PVL and Hemolysis</td>
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<td>Case Presentation and Clinical Device Discussion</td>
<td>Srinu Potluri</td>
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<td>Anatomic Analysis TTEEE</td>
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<td>6:00</td>
<td>Panel Discussion on Device Selection and Sizing Technical Issues and the Need to Obliterate MR</td>
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<td>Closing Panel Discussion</td>
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**CV TEAM SYMPOSIUM**

**WEDNESDAY, JUNE 12, 2019**

**Chicago Ballroom IX**

- **2:30 pm - 3:30 pm**
  - **CPT Professionals on the Heart Team**
  - Moderators: Martina Kelly Speight, Tamim M. Nazif
  - Discussants: Susan J. Schnell, Rena Silver
  - **Keynote Address: The Impact of the CTV Professionals**
    - Lecturer: Elizabeth M. Perpetua
  - **Implementing Shared Decision Making for Structural Heart Therapies**
    - Lecturer: Roseanne Palmer
  - **TVT Registry: The Role of CTV Professionals in Quality**
    - Lecturer: Martina Kelly Speight
  - **Panel Discussion**
    - **Are There Opportunities in Your Valve Program**
      - Lecturer: Sarah Clarke
    - **Nurse Led Sedation for TAVR**
      - Lecturer: Bria Kneller
    - **Individualized Care Pathways**
      - Lecturer: Sandra Lauck
  - **Panel Discussion**
    - **Low Risk Approval: Who Isn't a Candidate for TAVR**
      - Lecturer: Tsuyoshi Kaneko
    - **Are There Opportunities in Your Valve Program**
      - Lecturer: Sarah Clarke
    - **Panel Discussion**
      - **Nurse Led Sedation for TAVR**
        - Lecturer: Bria Kneller
    - **Individualized Care Pathways**
      - Lecturer: Sandra Lauck
    - **Panel Discussion**
      - **Mitral/Tricuspid Valve Disease and LAA Closure**

**Aortic Valve Disease**

- **Moderators: Kim Guibone, Marian C. Hawkey**
- **Discussants: David J. Cohen, Jeff Mercer**
- **Low Risk Approval: Who Isn't a Candidate for TAVR**
  - Lecturer: Tsuyoshi Kaneko
- **Panel Discussion**
- **Are There Opportunities in Your Valve Program**
  - Lecturer: Sarah Clarke
- **Panel Discussion**
- **Nurse Led Sedation for TAVR**
  - Lecturer: Bria Kneller
- **Individualized Care Pathways**
  - Lecturer: Sandra Lauck
- **Panel Discussion**

**Mitral/Tricuspid Valve Disease and LAA Closure**

**Miscellaneous Cases**

- **Moderators: Linda D. Gillam, Susheel K. Kodali**
- **Discussants: Vinayak N. Bapat, Philipp Blanke, Srinu Potluri, Maurice E. Sarano, Molly Szerlip, Gerard Wilkins, Mathew Williams**

**Miscellaneous Case 1: Degenerated Homograft With Severe AR**

- **Case Presentation and Clinical Device Discussion**
  - Lecturer: Molly Szerlip

**Miscellaneous Case 2: Mechanical MVR With PVL and Hemolysis**

- **Case Presentation and Clinical Device Discussion**
  - Lecturer: Srinu Potluri

**Anatomic Analysis CT**

- **Lecturer:** Jonathon A. Leipsic

**Anatomic Analysis TTEEE**

- **Lecturer:** Thomas Smith

**Panel Discussion on Device Sizing When Patient is Volume Overloaded or Optimized When Is RV Too Far Gone to Fix TR and Can We Measure RV Viability**

- **Lecturer:** Thomas Smith

**Case Intervention and Outcomes**

- **Case Presenter:** Akhil Narang

**Case Intervention and Outcomes**

- **Case Presenter:** G. Burkhard Mackensen

**Anatomic Analysis CT**

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**Panel Discussion on Surgery vs. Device Selection and Technique**

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**Anatomic Analysis TTEEE**

- **Lecturer:** Rebecca T. Hahn

**Panel Discussion on Device Selection and Sizing Technical Issues and the Need to Obliterate MR**

- **Lecturer:** Gerard Wilkins

**Case Intervention and Outcomes**

- **Lecturer:** Srinu Potluri

**Closing Panel Discussion**
4:30 pm Echocardiography Pearls for Mitral and Tricuspid Valve Disease  
Lecturer: Dee Dee Wang

4:43 pm Panel Discussion

4:47 pm Decision Making and Procedural Planning Vignettes: MitraClip TMVR and Tricuspid Therapy  
Lecturer: Jason H. Rogers

5:00 pm Panel Discussion

5:04 pm The TMTT Inpatient Care Team: Preventing Post Procedure Catastrophes  
Lecturer: Marcus R. Burns

5:17 pm Panel Discussion

5:21 pm LAA Oclusion Best Practice Considerations and Challenges  
Lecturer: Asma Hussaini

5:34 pm Panel Discussion

5:40 pm - 6:30 pm Future Considerations for the Structural Heart Team  
Moderators: Brian R. Lindman, Elizabeth M. Perpetua  
Discussants: Jennifer Daniel, Katie Jaschke, Mark J. Russo

5:40 pm Fix the Valve and Hope for the Best: Can We Do Better  
Lecturer: Brian R. Lindman

5:51 pm Panel Discussion

5:55 pm Building Sustainable Programs: Anticipating the Tsunami of Structural Heart Disease  
Lecturer: Janet F. Wyman

6:05 pm Panel Discussion

6:10 pm Caring For The CVT Professional: Addressing and Preventing Burnout  
Lecturer: Kim Guibone

6:25 pm Panel Discussion

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WEDNESDAY, JUNE 12, 2019
2:30 pm - 6:30 pm
Sheraton Ballroom I-II

2:30 pm - 4:09 pm  
Innovation at TVT Part I
Moderators: William A. Gray, Eberhard Grube  
Discussants: Ori Ben-Yehuda, Martin Burke, Philippe Genereux, Mark Hensey, David Planer, Sanjiv Shah, Gagan D. Singh

2:30 pm Emerging Ancillary Tools and Technologies  
2:30 pm Subternal Extracardiac Pacing for SHD Procedures AtaCor Medical  
Lecturer: Martin Burke

2:37 pm Early Experience With a Purpose Designed Temporary Pacing Guidewire for Transcatheter Heart Valve Implantation  
Lecturer: Mark Hensey

2:44 pm Captis Full Body Embolic Protection System Filterlex  
Lecturer: Giora Weisz

2:50 pm Moderated Discussion With QA  
Lecturer: Giora Weisz

2:57 pm A Novel Robotic Catheter for Precise and Reproducible Delivery of Transcatheter Devices for SHD Interventions  
Lecturer: Gagan D. Singh

3:04 pm Real Time Bleed Detection and Monitoring: Initial Clinical Experience With the Early Bird Bleed Monitoring System Saranas  
Lecturer: Philippe Genereux

3:11 pm Moderated Discussion With QA  
Lecturer: Philippe Genereux

3:18 pm Interventional Heart Failure

3:18 pm Renal Vein Pressure Decompression for ADHF Magenta  
Lecturer: Ori Ben-Yehuda

3:25 pm Percutaneous Ventricular Reshaping of the LV for Chronic Heart Failure Ancora  
Lecturer: Mark Reisman

3:32 pm Moderated Discussion With QA  
Lecturer: Mark Reisman

3:39 pm Focused Update on Interatrial Shunts  
3:39 pm V Wave  
Lecturer: Gregg W. Stone

3:46 pm Corvia  
Lecturer: Sanjiv Shah

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STRUCTURAL HEART JOURNAL RECEPTION

6:30 pm - 7:30 pm  
Structural Heart Journal Reception  
Faculty: Anthony N. DeMaria, Martin B. Leon, Elizabeth M. Perpetua

INNOVATION SYMPOSIUM

6:30 pm - 7:30 pm  
Structural Heart Journal Reception  
Faculty: Anthony N. DeMaria, Martin B. Leon, Elizabeth M. Perpetua
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<tr>
<th>Time</th>
<th>Session</th>
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<tr>
<td>4:09 PM</td>
<td>Advanced SHD Imaging and Septal Puncture Crossing Devices</td>
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<td>Specially Designed Needle Based TSP Crosser Flex Point and BMT Kapsus</td>
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<td>Lecturer: Azeem Latib</td>
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<td>4:16 PM</td>
<td>Other Emerging Dedicated Transseptal Crossing Technologies S10 Kardiac</td>
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<td>and East End Medical</td>
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<td>Lecturer: Scott Lim</td>
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<td>Moderated Discussion With QA</td>
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<td>Lecturer: Scott Lim</td>
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<td>4:30 PM</td>
<td>LAA Planning and Closure Technologies</td>
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<td>Early Feasibility Study of 3D ICE Guidance for SHD Interventions</td>
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<td>Lecturer: Kimberly Chadwell</td>
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<td>4:37 PM</td>
<td>A New Preoperative Approach Based on 3D Printed Simulation in LACC</td>
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<td>Procedures Data From LAA Print French Registry: A Large National</td>
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<td>Multicentric Prospective Registry</td>
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<td>Lecturer: Vlad Ciobotaru</td>
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<td>4:44 PM</td>
<td>Anatomy Self Adaptable LAA Closure Device Conformal</td>
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<td>Lecturer: William A. Gray</td>
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<td>4:51 PM</td>
<td>Moderated Discussion With QA</td>
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<td>Lecturer: William A. Gray</td>
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<td>4:59 PM</td>
<td>Rapid Fire on Emerging Mitral Interventional Technologies</td>
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<td>Leaflet Grasping Technologies</td>
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<td>Lecturer: William A. Gray</td>
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<td>5:20 PM</td>
<td>Transseptal Leaflet Chordal Suspension</td>
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<td>5:50 PM</td>
<td>Posterior Leaflet Modification Replacement</td>
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<td>6:07 PM</td>
<td>Emerging Tricuspid Interventional Technologies</td>
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<td>6:07 PM</td>
<td>CroiValve Percutaneous Tricuspid Coaptation Valve</td>
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<td>Lecturer: Martin Quinn</td>
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<td>6:14 PM</td>
<td>The Mistral Device Mitralix: Device Features and First In Human Data</td>
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<td>Lecturer: David Planer</td>
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**MITRACLIP & TENDYNE: NEW TECHNOLOGIES AND HOW TO TREAT FMR!**
MitraClip & Tendyne: New Technologies and How to Treat FMR!

WEDNESDAY, JUNE 12, 2019
4:30 pm - 6:30 pm
Michigan A/B, Meeting Room Level 2

4:30 pm  Introduction  Solutions for Mitral Regurgitation
4:35 pm  Technology Review: MitraClip NTR XTR Tendyne TMVR
        Lecturer: Hemal Gada
4:43 pm  Tendyne TMVR
        Lecturer: Gilbert H.L. Tang
4:50 pm  Bioskills: FMR Patho Anatomy  Overview and Intersection with Technology NTR XTR and Tendyne
        Training Pavilion Faculty: Isaac George
5:00 pm  Hands On Rotations
5:30 pm  FMR Finally  Screening  Procedural Approach MitraClip
5:30 pm  Assessment EchoTEE
        Lecturer: Paul A. Grayburn
5:36 pm  HF Meds
        Lecturer: James B. Hermiller Jr
5:44 pm  Targeted Transseptal
        Lecturer: Hemal Gada
5:52 pm  Clip Strategy A2P2 vs ZipClip
        Lecturer: Saibal Kar
6:00 pm  Case Example  Roundtable Discussion
6:00 pm  Ilb Clip in Middle
        Case Presenter: Hemal Gada
6:08 pm  Post Leaf Retraction ZipClip
        Case Presenter: James B. Hermiller Jr
6:16 pm  MAC Tendyne
        Case Presenter: Keith B. Allen

INTEGRATING PROGRESSIVE CONCEPTS INTO YOUR LAAC PRACTICE

WEDNESDAY, JUNE 12, 2019
2:00 pm - 4:00 pm
Mayfair, Meeting Level 2

2:00 pm  Integrating Progressive Concepts into your LAAC Practice
        Training Pavilion Faculty: Asma Hussaini, Brij Maini
2:45 pm  WM Indications Shared Decision Making and Case Reviews
3:30 pm  Characteristics of a Successful LAA Program Developing a Referral Network
3:50 pm  Discussion

THURSDAY, JUNE 13, 2019
MAIN ARENA DAY 1: THURSDAY MORNING, JUNE 13TH

THURSDAY, JUNE 13, 2019
7:55 am - 12:00 pm
Sheraton Chicago Ballroom IV-VII

7:55 am  Welcome to TVT 2019
        Lecturer: Martin B. Leon
8:00 am  Transcatheter Mitral Therapies: Thing One
7:55 am  Welcome to TVT 2019
        Lecturer: Martin B. Leon
8:00 am  Transcatheter Therapy for FMR: Is MitraClip Leading a New Revolution
8:00 am  A Synthesis of COAPT MitraFR and Other FMR Trials: Clinical Implications
        Lecturer: Gregg W. Stone
8:45 AM - 9:30 AM
Live Case #1: Mayo Clinic — Mitral Valve-In-Ring
Live Case Operator: Vasilis Babaliaros, Adam B. Greenbaum, Kendra J. Grubb, Robert J. Lederman

9:30 AM - 10:15 AM
Live Case #2: Emory Structural Heart & Valve Center - TMVR-in-MAC (Lampoon)
Live Case Operator: Vasilis Babaliaros, Adam B. Greenbaum, Kendra J. Grubb, Robert J. Lederman

10:15 AM - 11:00 AM
TAVR - Thing One

10:15 AM
The TAVR Low Risk RCTs: Crystallizing the Data and Clinical Implications
10:15 AM Highlights From the PARTNER 3 Low Risk Trial
Lecturer: Michael J. Mack
10:25 AM
Highlights From the CoreValve Low Risk Trial
Lecturer: Jeffrey J. Popma
10:35 AM
Reactions From the Cardiology Community
Lecturer: Blase A. Carabello
10:40 AM
Reactions From the Surgical Community
Lecturer: Patrick M. McCarthy
10:45 AM
Moderated Discussion: What Will the Role of Surgery Be in the Treatment of AS in the Future
Lecturer: Patrick M. McCarthy

11:00 AM - 12:00 PM
Live Cases #3 and #4: TAVR

11:00 AM
Proportionate and Disproportionate FMR: A New Conceptual Framework to Explain Differences in Clinical Trial Outcomes
Lecturer: Paul A. Grayburn
11:20 AM
Reactions From the Cardiology Community
Lecturer: Allan Schwartz
11:25 AM
Reactions From the Surgical Community
Lecturer: Gilbert H.L. Tang
11:30 AM
Moderated Discussion: Gaps in the Transcatheter FMR Therapy Story
Lecturer: Gilbert H.L. Tang

11:50 AM - 12:00 PM
Transcatheter Mitral Valve Therapies — The Forgotten Valve No Longer
Lecturer: Patrick M. McCarthy

2:00 PM - 2:45 PM
Transcatheter Mitral Valve Therapies — Thing Two
Moderators: Scott Lim, Francesco MaisanoDiscussants: Gorav Ailawadi, Saif Anwaruddin, Anita Asgar, Vinayak N. Bapat, Steven F. Bolling, Andrea Colli, Samir R. Kapadia, Randolph P. Martin, Thomas Smith, Paul Sorajja

2:00 PM
Advocacy Corner: Preferred Use for Anatomy and Patients
Lecturer: Patrick M. McCarthy
2:34 PM
Does a Multi Device Lesion Specific Approach Make Sense Including Sequential Therapies
Lecturer: Felix Kreidel

2:45 PM - 3:30 PM
Live Case #5: Mayo Clinic — MitraClip in FMR

2:45 PM
Live Case 5: Mayo Clinic MitraClip in FMR
Live Case Operator: Mackram F. Eleid, Mayra Guerrero, Chet Rihal, Gurpreet S. Sandhu

3:30 PM - 4:15 PM
Live Case #6: Emory Structural Heart & Valve Center — TMVR - Valve-in-Valve + BVF

3:30 PM
Live Case 6: Emory Structural Heart Valve Center TMVR Valve in Valve BVF
Live Case Operator: Vasilis Babaliaros, Adam B. Greenbaum, Kendra J. Grubb, Robert J. Lederman

4:15 PM - 5:15 PM
Transcatheter Tricuspid Valve Therapies — The Forgotten Valve No Longer
Last Updated 06/13/2019
4:15 PM  Tell Us Three Important Things
4:15 PM  Does the Natural History of TR Justify Earlier Treatment
Lecturer: Jeroen J. Bax

4:25 PM  Discussion
Lecturer: Jeroen J. Bax

4:30 PM  Tricuspid Valve Imaging: Challenges Conundrums and Solutions
Lecturer: Rebecca T. Hahn

4:40 PM  Discussion
Lecturer: Rebecca T. Hahn

4:45 PM  Status Update on Transcatheter TR Therapies
Lecturer: Maurizio Taramasso

4:55 PM  Discussion
Lecturer: Maurizio Taramasso

5:00 PM  How Do I Treat These Three Severe TR Cases
Lecturer: Neil P. Fam

5:10 PM  Discussion

5:15 PM - 6:10 PM  TAVR — Thing Two
Moderators: Susheel K. Kodali, John G. Webb

5:15 PM  Tell Us Three Important Things
5:15 PM  Disparities in the Treatment of Aortic Stenosis: Race Gender and Referring Physician Biases
Lecturer: J. Matthew Brennan

5:25 PM  Discussion
Lecturer: J. Matthew Brennan

5:30 PM  Do We Need a Randomized Trial in Bicuspid Aortic Valve Disease
Lecturer: Vinod H. Thourani

5:40 PM  Discussion
Lecturer: Vinod H. Thourani

5:45 PM  Access to Coronaries After TAVR: The Next Big Thing
Lecturer: John G. Webb

5:55 PM  Discussion
Lecturer: John G. Webb

6:00 PM  Moderated Discussion: The TAVR Avalanche Fast Forward or Pause

CASE-BASED TUTORIALS AND CHALLENGING CASES: TAVR I AND TAVR COMPLICATIONS I & II

8:15 AM - 9:45 AM  Challenging Cases: TAVR Complications I
Moderators: David J. Cohen, Nicolet Piazza
Discussants: Stanley J. Chetcuti, Amisha Patel

8:15 AM  Valve Embolization: From One Complication to Another
Case Presenter: Itshac Itsik Ben-ben

8:22 AM  Discussion

8:25 AM  Ventricular Septal Defect Associated With Bioprosthetic Valve Fracturing
Case Presenter: Albert Chan

8:32 AM  Discussion

8:35 AM  Severe AR After TAVI: A Unique Treatment Option
Case Presenter: Praveen Chandra

8:42 AM  Discussion

8:45 AM  Percutaneous Aortic Valve Replacement: Life Threatening Complication and Out of the Box Solution
Case Presenter: Nagendra Singh Chouhan

8:52 AM  Discussion

8:55 AM  Life Saving Procedure Planning: Predicted Coronary Occlusion and ImpellaBailout in Valve in Valve Transcatheter Aortic Valve Replacement
Case Presenter: Luis Dallan

9:02 AM  Discussion

9:05 AM  Late Presenting Migration of Sapien XT Into LVOT Treated With TF VIV
Case Presenter: Jason Ricci

9:12 AM  Discussion

9:15 AM  Successful BASILICA for a Failed CoreValve
Case Presenter: Ikki Komatsu

9:22 AM  Discussion

9:25 AM  When it Pops Out: Restart All Over Again From the Beginning
Case Presenter: Takehiro Yamashita

9:32 AM  Discussion

9:35 AM  Initiation of ECMO Through Transcaval Access in Unstable Patient Undergoing TAVR and Subsequent Decannulation Prior to Closure of the Transcaval Access
Case Presenter: Shawn Yazdani

9:42 AM  Discussion

9:45 AM - 10:15 AM  Case-Based Tutorials: TAVR I
9:45 AM  Case Based Tutorials  
9:45 AM  Thrombosis of a Transcatheter or Surgical Bioprosthetic Valve  
Case Presenter: Raj Makkar

9:53 AM  Discussion  
Case Presenter: Raj Makkar

9:55 AM  Restenosis of a Transcatheter Aortic Valve  
Case Presenter: Janarthanan Sathananthan

10:03 AM  Discussion  
Case Presenter: Janarthanan Sathananthan

10:05 AM  Acute Coronary Obstruction During After TAVR  
Case Presenter: Danny Dvir

10:13 AM  Discussion  
Case Presenter: Danny Dvir

10:15 AM - 11:35 AM  
Challenging Cases: TAVR Complications II  
Moderators: Markus Albert Kasel, Vivian G. Ng  
Discussants: Omar K. Khalique

10:15 AM  TAVR in Bicuspid Valve: Learning the Hard Way  
Case Presenter: Nagendra Singh Chouhan

10:22 AM  Discussion

10:25 AM  Avoiding Left Main Obstruction With Chimney Stenting During Transcatheter Aortic Valve Replacement Using Self Expanding Valve  
Case Presenter: Nobuyasu Ito

10:32 AM  Discussion

10:35 AM  A Unique Experience: A Valve in Valve in Valve  
Case Presenter: Praveen Chandra

10:42 AM  Discussion

10:45 AM  A Routine TAVR: The Importance of the Structural Bailout Skill Set  
Case Presenter: Saurabh Sanon

10:52 AM  Discussion

10:55 AM  Aortic Leaflet Tear Obstructing Left Main Artery Post TAVR  
Case Presenter: Frances Wood

11:02 AM  Discussion

11:05 AM  Swimming With Sharks  
Case Presenter: Prakash Balan

11:12 AM  Discussion

11:15 AM  The Rock  
Case Presenter: Prakash Balan

11:22 AM  Discussion

11:25 AM  TAVR With Sapien 3 for Very Large Annulus Complicated by Late Severe Paravalvular Leak and Treated With Late Balloon Post Dilation

11:32 AM  Discussion

MY WILD AND CRAZY CASES

My Wild and Crazy Cases

THURSDAY, JUNE 13, 2019  
8:15 AM - 9:45 AM  
Chicago Ballroom VIII

8:15 AM - 9:45 AM  
Session I  
Moderators: Ariel Finkelstein, Bernard Prendergast  
Discussants: G. Michael Deeb, Francesco Maisano, Didier Tchetche, Dee Dee Wang, Mathew Williams, David A. Wood

8:15 AM  Case 1. TAVR on a Non Beating Heart: The Importance of a Rescue Platform  
Case Presenter: David A. Wood

8:23 AM  Discussion

8:27 AM  Case 2: Unwelcome and Unsettling but not Unsurvivable  
Case Presenter: Tamim M. Nazif

8:35 AM  Discussion

8:39 AM  Case 3. There is a Need for 3 Valves for One  
Case Presenter: Francesco Maisano

8:47 AM  Discussion

8:51 AM  Case 4. Between a Rock and the Valve Space  
Case Presenter: Bernard Prendergast

8:59 AM  Discussion

9:03 AM  Case 5. It is Going to be Fast...  
Case Presenter: Didier Tchetche

9:11 AM  Discussion

9:15 AM  Case 6: Whoops There It Is  
Case Presenter: Dee Dee Wang

9:23 AM  Discussion

9:27 AM  Case 7. The Docking Balloon is Not Docking  
Case Presenter: Mathew Williams

9:35 AM  Discussion

9:39 AM  Closing Remarks

NEW TECHNOLOGY FORUM: TAVR I

New Technology Forum: TAVR I

THURSDAY, JUNE 13, 2019  
8:15 AM - 11:50 AM  
Sheraton Ballroom I-II
8:15 AM - 9:45 AM
**TAVR Accessories, Part 1: Strokes and Cerebral Embolic Protection**
Moderators: Alexandra J. Lansky, Axel Linke
Discussants: Sammy Elmariah, Amar Krishnaswamy, Jeffrey W. Moses, David G. Rizik, Nicolas M. Van Mieghem, Jochen Wohrle

- **8:15 AM** Setting the Stage: Strokes After TAVR
  Incidence Trends Risk Factors and Comparison With Surgery for Early Stroke After TAVR: Reports From PARTNER and the TVT Registry in High and Intermediate Risk Patients
  Lecturer: Samir R. Kapadia

- **8:25 AM** Stroke Outcomes in the Low Risk Randomized TAVR vs. Surgery Trials
  Lecturer: Samir R. Kapadia

- **8:39 AM** Discussion
  Lecturer: Samir R. Kapadia

- **8:45 AM** Cerebral Embolic Protection: Nice to Have or Need to Have
  Comprehensive Review of the Sentinel Cerebral Embolic Protection Program
  Lecturer: Julia Seeger

- **8:55 AM** Cerebral Embolic Protection for TAVR With TriGuard 3: Updates From the REFLECT Clinical Trial
  Lecturer: Tamim M. Nazif

- **9:05 AM** FLASH OPINIONS Re: Cerebral Protection Clinical Use Patterns
  Systematic In All Patients Whenever Possible
  Lecturer: Nicolas M. Van Mieghem

- **9:10 AM** Not Necessary Soft Data and Excessive Costs
  Lecturer: David W.M. Muller

- **9:15 AM** Selective Use Is There a Middle Ground
  Lecturer: Jeffrey W. Moses

- **9:20 AM** Rationalizing the Cost Effectiveness of Cerebral Protection During TAVR
  Lecturer: Hemal Gada

- **9:25 AM** Discussion

- **9:35 AM** Status Updates on the Next Generation of Cerebral Protection Devices
  Lecturer: Giora Weisz

- **9:43 AM** Discussion

**9:45 AM - 11:22 AM**
**TAVR Accessories, Part 2: Vascular Access and Closure**
Moderators: Isaac George, James M. McCabe
Discussants: Keith B. Allen, Philippe Genereux, Amir Kaki, Michael J. Rinaldi, David A. Wood

- **9:45 AM** Transfemoral Access for TAVR Made Simple Tips and Tricks to Optimize Outcomes
  Lecturer: Michael J. Rinaldi

- **9:53 AM** When Transfemoral Access Isn’t Available A Systematic Approach to Alternative Access for TAVR
  Lecturer: James M. McCabe

- **10:01 AM** When Transfemoral Access is Problematic Facilitation With Intravascular Balloon Lithotripsy
  Lecturer: David A. Wood

- **10:09 AM** Alternative Vascular Access for TAVR
  Percutaneous Transaxillary TAVR: A Step by Step Tutorial
  Lecturer: James M. McCabe

- **10:23 AM** Suprasternal Direct Aortic Access Is a Useful Alternative for TAVR
  Lecturer: Isaac George

- **10:29 AM** Transcortid Is My Preferred Alternative Access for TAVR
  Lecturer: Keith B. Allen

- **10:37 AM** The Rapid Emergence of Transcaval TAVR: Techniques and Clinical Outcomes
  Lecturer: Vinod H. Thourani

- **10:45 AM** Discussion

- **10:52 AM** Large Bore Vessel Closure Management: Tips Tricks and Adjunctive Techniques
  Lecturer: Amir Kaki

- **11:00 AM** Large Hole Transfemoral Closure Devices
  Large Hole Transfemoral Closure III: The PerQseal Device
  Lecturer: Jeffrey J. Popma

- **11:05 AM** Large Hole Transfemoral Closure I: The FDA Approved MANTA Device
  Lecturer: Nicolas M. Van Mieghem

- **11:12 AM** Discussion

**11:22 AM - 11:50 AM**
**TAVR Accessories, Part 3: Pacemakers and Valve Remodeling**
Moderators: Tamim M. Nazif, Steven J. Yakubov
Discussants: Colin M. Barker, David J. Cohen, Ariel Finkelstein, James M. McCabe, John G. Webb

- **11:22 AM** A New and Improved Temporary Transvenous Pacemaker Catheter: The BioTrace Tempo Lead
  Lecturer: Tamim M. Nazif

- **11:30 AM** A Novel Pre Shaped Pacing LV Guidewire for TAVR Procedures
  Lecturer: Mark Hensey

- **11:35 AM** Discussion

- **11:37 AM** Clinical Experiences With Pi Cardia Leaflex Aortic Valve Remodeling: An Alternative to TAVR in Some Patients
  Lecturer: Martin B. Leon

- **11:45 AM** Discussion

**WORKSHOPS AND CLINICAL CONTROVERSIES: TAVR I**

Workshops and Clinical Controversies: TAVR I

**THURSDAY, JUNE 13, 2019**
8:15 AM - 11:45 AM
Chicago Ballroom X
8:15 AM - 9:42 AM
Clinical Controversy: Management of Aortic Surgical Bioprosthetic Valve Failure
Moderators: Vinayak N. Bapat, Anson Cheung
Discussants: Adnan K. Chhatriwalla, Danny Dvir, Gregory P. Fontana, James M. McCabe, Mark J. Russo, Robert L. Smith

8:15 AM Lessons From the Global Aortic VIVID Registry: Optimizing Procedural Outcomes
Lecturer: Danny Dvir

8:23 AM Updates on SAPIEN Balloon Expandable VIV
Lecturer: John G. Webb

8:31 AM Updates From the CoreValve and EVOLUT R Aortic VIV Registries
Lecturer: Jeffrey J. Popma

8:39 AM A Tutorial on Surgical Bioprosthesis Design: Impact on VIV Therapy
Lecturer: Vinayak N. Bapat

8:47 AM Controversies Around PPM: Its Estimation and When Does it Matter
Lecturer: Philippe Pibarot

8:55 AM Cracking Fracturing and Fracking Bioprosthetic Valves
Lecturer: Adnan K. Chhatriwalla

9:03 AM How to Screen for Risk of Coronary Obstruction Risk on CT Prior to Aortic Valve in Valve Procedures
Lecturer: Philipp Blanke

9:11 AM Splitting Leaflets. BASILICA to Reduce the Risk of Coronary Obstruction During VIV and Other TAVR Procedures
Lecturer: Danny Dvir

9:19 AM Do We Need a Randomized Trial of VIV vs. Redo SAVR for Failed Bioprosthetic Surgical Valves The REPEAT Trial
Lecturer: Vinayak N. Bapat

9:27 AM Panel Discussion

9:42 AM - 10:27 AM
Clinical Controversy: Thrombosis of Transcatheter Valves — What Do We Know? What Do We Do?
Moderators: Azeem Latib, Raj Makkar
Discussants: Mohamed Abdel-Wahab, Danny Dvir, Paul A. Grayburn, Hasan Jilaihawi

9:42 AM Leaflet Thrombosis in Bioprosthetic Aortic Valves: Prevalence Clinical Consequences
Lecturer: Anna Sannino

9:52 AM CT in the Setting of Suspected Bioprosthetic Valve Thrombosis
Lecturer: Philipp Blanke

10:02 AM Prevention and Management of Bioprosthetic Valve Thrombosis
Lecturer: Raj Makkar

10:12 AM Panel Discussion

10:27 AM - 11:45 AM
Clinical Controversy: What Will We Do When Transcatheter Valves Fail?
Moderators: Danny Dvir, Nicolo Piazza
Discussants: Mohamed Abdel-Wahab, Adnan K. Chhatriwalla, Gregory P. Fontana, Azeem Latib, Janarthanan Sathananthan

10:27 AM Durability of Transcatheter Valves: How Do We Define It and What Do We Know
Lecturer: Danny Dvir
CASE-BASED TUTORIALS AND CHALLENGING CASES: MITRAL I AND LAA/PFO AND OTHER

Case-Based Tutorials and Challenging Cases: Mitral I and LAA/PFO and Other

THURSDAY, JUNE 13, 2019
2:00 PM - 5:20 PM
Chicago Ballroom IX

2:00 PM - 3:40 PM
Mitral I
Moderators: Hüseyin Ince
Discussants: Anson Cheung, Fabien Praz

2:00 PM
Challenging Cases: Mitral I
2:00 PM
Combined Valve in Valve TAVR and Valve in MAC TMVR
Case Presenter: Saeed R. Shaikh

3:10 PM
Case Based Tutorials
3:10 PM
Pre Emptive Alcohol Ablation to Reduce the Risk of TMVR Induced LVOTO
Case Presenter: Dee Dee Wang

3:18 PM
Discussion
Case Presenter: Dee Dee Wang

3:20 PM
Managing a MitraClip Patient After a Poor Result or Recurrent MR
Case Presenter: Ramon Quesada

3:28 PM
Discussion
Case Presenter: Ramon Quesada

3:30 PM
MitraClip in FMR
Case Presenter: Saibal Kar

3:38 PM
Discussion
Case Presenter: Saibal Kar
3:40 PM  Challenging Cases: LAAPFO and Other
3:40 PM  Percutaneous Closure of an Acquired Aortic Left Atrial Fistula
Case Presenter: Daniel Feldman
3:47 PM  Discussion
Case Presenter: Daniel Feldman
3:50 PM  Treatment of Severe Pulmonary Insufficiency in a Patient With Tetralogy of Fallot and Left Pulmonary Artery Stenosis With an Edwards Sapien3 Valve
Case Presenter: Abdulrahman Dia
3:57 PM  Discussion
Case Presenter: Abdulrahman Dia
4:00 PM  Successful Emergent Percutaneous Closure of a Left Ventricular Assist Device Outflow Graft: Plugging the Way to Death as a Bridge to Pump Exchange
Case Presenter: Giselle Baquero
4:07 PM  Discussion
Case Presenter: Giselle Baquero
4:10 PM  Endovascular Repair of Left Ventricular Assist Device Outflow Tract Kink
Case Presenter: Rohit Vyas
4:17 PM  Discussion
Case Presenter: Rohit Vyas
4:20 PM  Percutaneous Closure of Acquired Gerbode Defect With an Amplatzer VSD Closure Device With Subsequent Hemolysis Requiring Complex Coiling of the Device
Case Presenter: Salman M. Azam
4:27 PM  Discussion
Case Presenter: Salman M. Azam
4:30 PM  Detection of Long Term Post Operative Complications of the Cabrol Surgical Technique
Case Presenter: Shazil Mahmood
4:37 PM  Discussion
Case Presenter: Shazil Mahmood
4:40 PM  Late Atrial Thrombus Formation Post Patent Foramen Ovale PFO Closure With An Ocluding Device
Case Presenter: Manjari Regmi
4:47 PM  Discussion
Case Presenter: Manjari Regmi
4:50 PM  Dont Stop The Warfarin: A Case of Left Atrial Appendage Closure Device Thrombus
Case Presenter: Siri Kadire
4:57 PM  Discussion
Case Presenter: Siri Kadire
5:00 PM  Complex Dual ASD Closure Using Modified Sandwich Technique
Case Presenter: Riyad Kherallah
5:07 PM  Discussion
Case Presenter: Riyad Kherallah
5:10 PM  Transcatheter Ventricular Septal Rupture Repair
Case Presenter: Ramandeep Mand
5:17 PM  Discussion
Case Presenter: Ramandeep Mand

**LAA OCCLUSION AND PFO CLOSURE I**

**LAA Occlusion and PFO Closure I**

**THURSDAY, JUNE 13, 2019**

**2:00 PM - 5:30 PM**

**Chicago Ballroom VIII**

**2:00 PM - 3:00 PM**
**Session I: LAA Occlusion Indications and Imaging**
Moderators: G. Burkhard Mackensen, Matthew J. Price
Discussants: Jeroen J. Bax, Ori Ben-Yehuda, Linda D. Gillam, Jacqueline Saw, Dee Dee Wang

2:00 PM  Critical Appraisal of the Advantages and Limitations of Warfarin NOACs and Ablation in Patients With Non Valvular Atrial Fibrillation
Lecturer: Ori Ben-Yehuda

2:10 PM  Discussion

2:15 PM  Indications for LAA Closure: Defining Relative Contraindications to Anticoagulation
Lecturer: David R. Holmes Jr.

2:25 PM  Discussion

2:30 PM  TEE Imaging Essentials for LAA Closure Evaluation and Procedural Guidance
Lecturer: Omar K. Khalique

2:40 PM  Discussion

2:45 PM  Beyond TEE Imaging for LAA Occlusion: CT Planning and ICE Guidance
Lecturer: Dee Dee Wang

2:55 PM  Discussion

**3:00 PM - 4:15 PM**
**Session II: LAA Occlusion Devices and Technique**
Moderators: Mark Reisman, Gregg W. Stone
Discussants: James B. Hermiller Jr., Reda Ibrahim, Saibal Kar, Jacqueline Saw

3:00 PM  The Spectrum of LAA Occlusion Devices: Similarities and Differences How to Choose
Lecturer: Horst Sievert

3:10 PM  Discussion

3:15 PM  Watchman I: Device Evolution Patient Selection and Tips and Tricks
Lecturer: Saibal Kar

3:25 PM  Discussion
3:30 PM  Watchman II: Core Data Synthesis and Ongoing Studies
Lecturer: David R. Holmes Jr.

3:40 PM  Discussion

3:45 PM  Watchman III: A Complex Case Step by Step
Case Presenter: William A. Gray

3:55 PM  Discussion

4:00 PM  Amulet I: Device Evolution Patient Selection and Tips and Tricks
Lecturer: Reda Ibrahim

4:10 PM  Discussion

4:15 PM - 5:30 PM  Session III: LAA Occlusion Special Considerations
Moderators: David R. Holmes Jr., Saibal Kar
Discussants: Samir R. Kapadia, Amar Krishnaswamy, Brij Maini, Jacqueline Saw, Brian K. Whisenant

4:15 PM  Echocardiographic Surveillance and Antithrombotic Therapy After LAA Closure
Lecturer: Jacqueline Saw

4:25 PM  Discussion

4:30 PM  LAA Occlusion Plus: MitraClip TAVR PCI and More
Lecturer: Samir R. Kapadia

4:40 PM  Discussion

4:45 PM  Role of the Left Atrial Appendage in Atrial Arrhythmias and the AMAZE Trial
Lecturer: Steven J. Yakubov

4:55 PM  Discussion

5:00 PM  LAA Occlusion Complications I: If It Can Happen It Will With Case Examples
Lecturer: Saibal Kar

5:10 PM  Discussion

5:15 PM  LAA Occlusion Complications II: If It Can Happen It Will With Case Examples
Lecturer: Brian K. Whisenant

5:25 PM  Discussion

2:00 PM  Program Update: The Evolut RPRO TAVR System
Lecturer: Jeffrey J. Popma

2:05 PM  Imaging Implantation Tips and Tricks
Lecturer: Nicola Piazza

2:10 PM  Latest Clinical Data in Bicuspid Disease
Lecturer: John K. Forrest

2:15 PM  3 Illustrative Cases Optimal Valve Sizing Reducing New Pacemakers and Coronary Access Issues A Case Based Discussion
Case Presenters: Stanley J. Chetcuti
Expert Commentators: Hemal Gada, Nicola Piazza, Mathew Williams

2:25 PM  Discussion

2:30 PM  Program Update: The SAPIEN 3 and ULTRA TAVR System
Lecturer: John G. Webb

2:40 PM  Preliminary Data on Hemodynamic Outcomes After Sapien ULTRA
Lecturer: Rebecca T. Hahn

2:45 PM  3 Illustrative Cases Optimal Valve Sizing Managing Severe AVLVOT Calcification and Coronary Access Issues A Case Based Discussion
Case Presenters: Tamim M. Nazif
Expert Commentators: James M. McCabe, Mark J. Russo, David A. Wood

2:55 PM  Discussion

3:00 PM  Program Update: The LOTUS EDGE TAVR System
Lecturer: Didier Tchetache

3:10 PM  Clinical Trial Updates
Lecturer: Christopher U. Meduri

3:15 PM  3 Illustrative Cases Optimal Valve Sizing Reducing New Pacemakers and Calcified Bicuspid Disease A Case Based Discussion
Case Presenters: Christopher U. Meduri
Expert Commentators: Axel Linke, Nicolas M. Van Mieghem

3:25 PM  Discussion

3:30 PM - 5:30 PM  TAVR Systems, Part 2: Next-Comer and New-Comer TAVR Systems
Moderators: Gregory P. Fontana, Mathew Williams
Discussants: Alexandre Abizaid, Hasan Jilaihawi, Markus Albert Kasel, Raj Makkar, Helge Möllmann, Jochen Wohrle

3:30 PM  Program Update: The PORTICO TAVR System
Lecturer: Gregory P. Fontana

3:30 PM  Design Characteristics Clinical Data and Future Vision
Lecturer: Gregory P. Fontana
WORKSHOPS AND CLINICAL CONTROVERSIES: TAVR II

THURSDAY, JUNE 13, 2019
2:00 pm - 4:45 pm
Chicago Ballroom X

2:00 pm Clinical Controversy: Low-Flow AS, Bicuspid Valves, Regurgitant Valves. Different, but Does It Matter?
Moderators: Hasan Jilaihawi, Michael J. Mack
Discussants: Amr E. Abbas, Chris Malaisrie, Basel Ramlawi, Bruce J. Rutkin, Molly Szerlip, Gerard Wilkins

2:00 pm A Clinical Algorithm for Diagnosing and Managing Patients With Low Flow Low Gradient Aortic Stenosis
Lecturer: Howard C. Herrmann

2:10 pm Treating Bicuspid Valves With Current Transcatheter Valve Platforms
Lecturer: Didier Tchetche

2:18 pm CT Assessment for Bicuspid Valve TAVR. Annular or Supra Annular Sizing Coronary Access TAVR Repeatability
Lecturer: Philipp Blanke

2:26 pm The Next TAVR vs. SAVR Randomized Trial Should Be in Patients With Bicuspid Aortic Valves
Lecturer: Raj Makkar

2:34 pm Case: JenaValve for Pure Aortic Regurgitation
Case Presenter: Torsten P. Vahl

2:39 pm Case: J Valve for Pure Aortic Regurgitation
Case Presenter: Jian Ye

2:44 pm Treating AR With Current Transcatheter Valve Platforms
Lecturer: David W.M. Muller
### Clinical Controversy: Heart Block Before and After TAVR (LBBB, RBBB, and Pacemakers)

**Moderators:** Tamim M. Nazif, Josep Rodés-Cabau

**Discussants:** Mohamed Abdel-Wahab, Tarun Chakravarty, Amisha Patel, Anu Tunuguntla

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<tr>
<th>Time</th>
<th>Event</th>
<th>Lecturer</th>
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<tr>
<td>3:00 PM</td>
<td>Pacemakers After TAVR: Patient Device Procedural Factors. Do They Matter</td>
<td>Josep Rodés-Cabau</td>
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<td>3:10 PM</td>
<td>Discussion</td>
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<td>3:15 PM</td>
<td>New Conduction Abnormalities Especially LBBB After TAVR. Do They Matter</td>
<td>Tamim M. Nazif</td>
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<td>3:25 PM</td>
<td>Discussion</td>
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<td>3:30 PM</td>
<td>Conduction Block After TAVR: Do I Discharge Early Monitor Invasively Investigate or Pace</td>
<td>David A. Wood</td>
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<td>Discussion</td>
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<td>3:45 PM - 4:15 PM</td>
<td>Clinical Controversies: Moving Beyond Surgical Risk as the Determinant of Eligibility for TAVR</td>
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<td>3:45 PM</td>
<td>Comparing the Low Risk Trials PARTNER 3 and Medtronic Low Risk</td>
<td>Martin B. Leon</td>
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<td>3:55 PM</td>
<td>Discussion</td>
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<td>4:00 PM</td>
<td>Does Surgical Risk Still Matter When Evaluating for TAVR</td>
<td>Michael J. Reardon</td>
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<td>4:10 PM</td>
<td>Discussion</td>
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<tr>
<td>4:15 PM</td>
<td>What Don't We Know About TAVR Coronary Access Heart Block Thrombosis Durability Repeatability Does it Matter</td>
<td>John G. Webb</td>
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<td>4:25 PM</td>
<td>Discussion</td>
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<td>4:30 PM</td>
<td>Which Patients Should Still Have Surgical AVR Who Are Poor Candidates for TAVR</td>
<td>Michael J. Reardon</td>
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<td>4:40 PM</td>
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### MODERATED POSTER SESSIONS: MITRAL I AND TAVR NEW DEVICES - STATION 1

**Moderated Poster Sessions: Mitral I and TAVR New Devices - Station 1**

**THURSDAY, JUNE 13, 2019**

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<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>8:00 AM - 9:30 AM</td>
<td>Increased Mitral Valve Tenting Is Associated With Better Outcomes With Carillon Indirect Annuloplasty Not Worse</td>
<td>Steven Goldberg</td>
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<td>8:10 AM</td>
<td>Discussion</td>
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<td>8:15 AM</td>
<td>Value of 3D Printing in Paravalvular Leaks Closure</td>
<td>Vlad Ciobotaru</td>
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<td>8:25 AM</td>
<td>Discussion</td>
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<td>8:30 AM</td>
<td>Clinical Determinants of Survival Among Patients Undergoing Transcatheter Mitral Valve Repair</td>
<td>Matthew S. Miller</td>
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<td>8:40 AM</td>
<td>Discussion</td>
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<td>8:45 AM</td>
<td>Three Dimensional Mitral Valve Area in Patients With Mitral Annular Calcification</td>
<td>Aashish Gupta</td>
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<td>8:55 AM</td>
<td>Discussion</td>
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<td>9:00 AM</td>
<td>Percutaneous Transeptal Mitral Valve Implantation in Failed Bioprosthetic Valves Without Fluoroscopic Landmarks</td>
<td>Pedro Nicz</td>
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<td>9:10 AM</td>
<td>Discussion</td>
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<td>9:15 AM</td>
<td>Transseptal Mitral Valve Replacement With a New Supra Annular Valve in a Beating Human Cadaver Heart Biosimulator</td>
<td>Yanping Cheng</td>
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<td>9:25 AM</td>
<td>Discussion</td>
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<td>9:30 AM - 11:15 AM</td>
<td>30 Day Outcomes From an Early Feasibility Study to Assess the Safety and Effectiveness of a Novel Transfemoral TAVR System for the Treatment of Patients With Symptomatic Severe Aortic Regurgitation AR</td>
<td>Vinod H. Thourani</td>
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<td>9:40 AM</td>
<td>Discussion</td>
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<tr>
<td>9:45 AM</td>
<td>Initial Experience With the JenaValve Transfemoral TAVR System in Patients With Severe Aortic Stenosis and Risk for Coronary Occlusion</td>
<td>Torsten P. Vahl</td>
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<tr>
<td>9:55 AM</td>
<td>Discussion</td>
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<tr>
<td>10:00 AM</td>
<td>OPTIMUM TAV First In Human Results</td>
<td>Mathew Williams</td>
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<tr>
<td>10:10 AM</td>
<td>Discussion</td>
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<tr>
<td>10:15 AM</td>
<td>Transcatheter Aortic Valve Replacement With the ACURATE Neo2 Valve System: 1 Year Clinical and Hemodynamic Outcomes</td>
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</table>
Lecturer: Helge Möllmann

10:25 AM Discussion
10:30 AM Pachyderm Shape Guiding Catheters to Simplify BASILICA Leaflet Traversal
Lecturer: John Cyril Lisko

10:40 AM Discussion
10:45 AM Usefulness of Redesigned Inoue Balloon in Patients With Self Expanding Transcatheter Valve for Aortic Stenosis: A 30 Patient Case Series
Lecturer: Mike Saji

10:55 AM Discussion
11:00 AM Safety Feasibility and Acute Performance of the Leafllex Performer When Used Pre TAVI in Aortic Stenosis Patients: The Leafllex Performer Feasibility Study
Lecturer: Axel Linke

11:10 AM Discussion

MODERATED POSTER SESSIONS: TAVR CLINICAL TOPICS I & II - STATION 2

THURSDAY, JUNE 13, 2019
8:00 AM - 11:15 AM
Station 2, Ballroom Promenade, 4th Floor

8:00 AM - 9:15 AM
TAVR Clinical Topics I
Moderators: Tsuyoshi Kaneko, Markus Albert Kasel
Discussants: Vivian G. Ng

8:00 AM Adverse Clinical Outcomes Among Patients Undergoing Both PCI and TAVR: A Multicenter Analysis
Lecturer: Arnav Kumar

8:10 AM Discussion
8:15 AM Transcatheter Aortic Valve Replacement Using the CoreValve Prosthesis for the Treatment of Severe Aortic Regurgitation: A Single Center Learning Curve Over 6 Years
Lecturer: Giselle Baquero

8:25 AM Discussion
8:30 AM Functional Status After Transcatheter and Surgical Aortic Valve Replacement: A 2 Year Analysis From the SURTAVI Trial
Lecturer: Mark Tuttle

8:40 AM Discussion
8:45 AM Impact of Chronic Thrombocytopenia on In Hospital Outcomes After Transcatheter Aortic Valve Replacement
Lecturer: Setri Fugar

8:55 AM Discussion
9:00 AM Impact of Initial Evolut TAVR Deployment Orientation on Final Valve Orientation and Coronary Reaccess: A Pilot Study
Lecturer: Gilbert H.L. Tang

9:10 AM Discussion

9:15 AM - 11:15 AM
TAVR Clinical Topics II
Moderator: Brian R. Lindman, Ramon Quesada

9:15 AM Outcomes of Transcatheter Aortic Valve Replacement TAVR for Mixed Aortic Valve Disease: Results From the TVT Registry
Lecturer: Bhaskar Bhardwaj

9:25 AM Discussion
9:30 AM Transcatheter Aortic Valve in Valve in Patients With Previous Homograft
Lecturer: Karim Al-Azizi

9:40 AM Discussion
9:45 AM Diabetes Mellitus: Is There a True Paradoxical Clinical Outcome After AVR
Lecturer: Rashad Belin

9:55 AM Discussion
10:00 AM Feasibility of Repeat Transcatheter Aortic Valve Replacement TAVR After Sapien 3 TAVR TAV in TAV: A Pilot Angiographic Study
Lecturer: Gilbert H.L. Tang

10:10 AM Discussion
10:15 AM Acute Kidney Injury After Transcatheter Aortic Valve Replacement Is a Strong Predictor of Intermediate but Not Long Term Mortality: Observations From Michigan Transcatheter Aortic Valve Replacement MITAVR Registry
Lecturer: Sarah Gualano

10:25 AM Discussion
10:30 AM Secondary Curve on TAVR Delivery Wire Effects on Outcomes in Patients With Severe Aortic Root Angles
Lecturer: Philip Carson

10:40 AM Discussion
10:45 AM Occurrence of Left Ventricular Reverse Remodeling After Transcatheter Aortic Valve Replacement: Analysis of a Brazilian Cohort
Lecturer: Fabiula Azevedo

10:55 AM Discussion
11:00 AM Meta Analysis of 1 Year Outcomes of Transcatheter vs. Surgical Aortic Valve Replacement in Low Risk Patients With Severe Aortic Stenosis
Lecturer: Aaqib H Malik

11:10 AM Discussion

MODERATED POSTER SESSIONS: MITRAL II & LATE-BREAKING SCIENCE - STATION 2

THURSDAY, JUNE 13, 2019
2:00 PM - 5:45 PM
Station 2, Ballroom Promenade, 4th Floor
2:00 PM - 4:15 PM
Mitral II
Moderators: Ramon Quesada, Maurice E. Sarano
Discussants: Sameer Gafoor

2:00 PM | Outcomes Following Urgent Emergent Percutaneous Mitral Valve Repair Using MitraClip Device: A Single Center Experience
Lecturer: Sahil Khera

2:10 PM | Discussion

2:15 PM | Treatment of Functional Mitral Regurgitation by Hybrid Left Ventricular Reconstruction: Preliminary Proof of Principle
Lecturer: Patrick Klein

2:25 PM | Discussion

2:30 PM | Mitral Butterfly: Evaluation of a Novel Device in Porcine and Human Hearts
Lecturer: Johanna Ticar

2:40 PM | Discussion

2:45 PM | The Role of Left Atrial Compliance in the Hemodynamic Color Disconnect in Patients Undergoing MitraClip: Results from a Single Center Registry.
Lecturer: Lily Chen

2:55 PM | Discussion

3:00 PM | A Systematic Approach to Quantifying and Categorizing Mitral Annular Calcification in the Era of TMVR
Lecturer: Sophia Alexis

3:10 PM | Discussion

3:15 PM | Mitral Valve Clinic: Implementation of Multidisciplinary Team Approach to the Management of Patients With Mitral Valve Disease
Lecturer: Mohanad Hamandi

3:25 PM | Discussion

3:30 PM | Distribution of Effective Regurgitant Orifice Area and Regurgitant Volume Compared to Left Ventricular End Diastolic Volume in a Cohort of Patients With Secondary Mitral Regurgitation
Lecturer: Anna Sannino

3:40 PM | Discussion

3:45 PM | 6 Month Outcomes from the Multicenter Prospective Study With the Novel PASCAL Transcatheter Mitral Repair System for Patients With Mitral Regurgitation
Lecturer: Scott Lim

3:55 PM | Discussion

4:00 PM | Pericardial Effusion After Left Atrial Appendage Closure: Lessons Learned From the MAUDE Database
Lecturer: Christopher Sossou

4:10 PM | Discussion

4:15 PM - 5:45 PM
Late-Breaking Science
Moderators: Ori Ben-Yehuda, Giora Weisz
Discussants: Tsuyoshi Kaneko, Dee Dee Wang

4:15 PM | Validation of Pre Procedural Neo LVOT Estimate on Cardiac CT Prior to Mitral Valve in Valve: An Analysis From the MITRAL Trial
Lecturer: Amit Pursnani

4:25 PM | Discussion

4:30 PM | 360 Degree Virtual Reality Consultation for the Structural Heart Disease Patient
Lecturer: Jorge Castellanos

4:40 PM | Discussion

4:45 PM | Transcatheter Versus Surgical Aortic Valve Replacement in Low Risk Patients: A Meta Analysis of Randomized Controlled Trials
Lecturer: Dhaval Kolte

4:55 PM | Discussion

5:00 PM | Validation of Neo LVOT Prediction Modeling for Left Ventricular Outflow Tract Obstruction After Transcatheter Mitral Valve in MAC and Valve In Ring: Analysis From MITRAL Trial Pre and Post Procedural CT Insights
Lecturer: Dee Dee Wang

5:10 PM | Discussion

5:15 PM | 1 Year Echocardiographic Findings After Transcatheter Mitral Valve in Valve in Ring and Valve in Mitral Annular Calcification: Results From the MITRAL Trial
Lecturer: Dee Dee Wang

5:25 PM | Discussion

5:30 PM | Fully Absorbable Patch Based Large Hole Vascular Closure Device
Lecturer: Jeffrey J. Popma

5:40 PM | Discussion

INNOVATE LAAC INTERVENTION WITH ADVANCED IMAGING (SPONSORED BY SIEMENS HEALTHINEERS)

THURSDAY, JUNE 13, 2019
6:30 AM - 7:45 AM
Chicago Ballroom IX

6:30 AM - 6:45 AM
Check-in & breakfast

6:45 AM - 7:45 AM
Innovate LAAC Intervention With Advanced Imaging (Sponsored by Siemens Healthineers)
Faculty: Sachin Goel, Chad Kliger
Chairs: Scott Lim

6:45 AM
Introduction

6:50 AM
Benefits of Fusion Imaging for LAAC
Presenter: Sachin Goel

7:05 AM
Benefits of Multimodality Fusion Imaging for Guidance
Presenter: Chad Kliger

7:20 AM
The Future of 3D Volume ICE for LAAC
Presenter: Scott Lim
TRANSCATHETER TECHNOLOGIES FOR THE TREATMENT OF AORTIC REGURGITATION: DISRUPTIVE APPROACH TO AN UNDERSERVED PATIENT POPULATION (SPONSORED BY JENAVALVE TECHNOLOGY, INC.)

THURSDAY, JUNE 13, 2019
6:30 AM - 7:45 AM
Chicago Ballroom VIII

6:30 AM - 6:45 AM
Check-in & breakfast

6:45 AM - 7:45 AM
Transcatheter Technologies for the Treatment of Aortic Regurgitation: Disruptive Approach to an Underserved Patient Population
Faculty: Susheel K. Kodali, Raj Makkar, Vinod H. Thourani, Torsten P. Vahl, Nicolas M. Van Mieghem

6:45 AM
Symposium Kick off
Lecturer: Susheel K. Kodali, Vinod H. Thourani

6:47 AM
AR Prevalence
Lecturer: Vinod H. Thourani

6:55 AM
AR Treatment in 2019
Lecturer: Raj Makkar

7:03 AM
Discussion

7:07 AM
JVT Technology Cases and AS Advantages
Lecturer: Torsten P. Vahl

7:25 AM
Long term Advantages of JVT
Lecturer: Nicolas M. Van Mieghem

7:33 AM
Panel Discussion QA

7:45 AM
Adjourn

A PARADIGM SHIFT IN TREATING AS: WHAT IS ACCEPTABLE TODAY WILL BE CHALLENGED TOMORROW (SPONSORED BY CRF, SUPPORTED BY EDWARDS LIFESCIENCES)

THURSDAY, JUNE 13, 2019
12:15 PM - 1:30 PM
Chicago Ballroom VIII

12:15 PM - 12:30 PM
Check-in & lunch

12:30 PM - 1:30 PM
A Paradigm Shift in Treating AS: What Is Acceptable Today Will Be Challenged Tomorrow (Sponsored by CRF, Supported by Edwards Lifesciences)
Faculty: Philippe Genereux, Linda D. Gillam, Sandra Lauck, Molly Szerlip, Vinod H. Thourani, John G. Webb
Co-Chairs: Martin B. Leon, Michael J. Mack

12:30 PM
PARTNER 3 Changes Everything Implications of TAVR as a First Choice Therapy for Aortic Stenosis
Lecturer: Martin B. Leon

12:40 PM
Current Guidelines Indications Referral Practices and Treatment Decision Making Are Quickly Becoming Obsolete

TRANSCATHETER TRICUSPID VALVE INTERVENTIONS (SPONSORED BY CRF, SUPPORTED BY EDWARDS LIFESCIENCES)

Transcatheter Tricuspid Valve Interventions (Sponsored by CRF, Supported by Edwards Lifesciences)

THURSDAY, JUNE 13, 2019
6:30 AM - 7:45 AM
Chicago Ballroom X
EXPANDING TAVR TREATMENT ACROSS A BROAD SPECTRUM OF PATIENTS AND ANATOMIES (SPONSORED BY BOSTON SCIENTIFIC)

THURSDAY, JUNE 13, 2019
12:15 PM - 1:30 PM
Sheraton Ballroom I-II

12:15 PM - 12:30 PM
Check-in & lunch

12:30 PM - 1:30 PM
Expanding TAVR Treatment Across a Broad Spectrum of Patients and Anatomies
Faculty: Samir R. Kapadia, Rajesh K. Kharbanda, Christopher U. Meduri, Julia Seeger
Chairs: Vinod H. Thourani

12:30 PM LOTUS Edge: A Workhorse Valve With Best in Class PVL
Presenter: Christopher U. Meduri

12:40 PM LOTUS Edge in Minimalist TAVR
Presenter: Rajesh K. Kharbanda

12:50 PM Mitigating a Devastating Outcome: the Evidence Behind Cerebral Embolic Protection
Presenter: Julia Seeger

1:00 PM Combining Percutaneous Valve Procedures With LAAC
Presenter: Samir R. Kapadia

1:10 PM Discussion
Discussants: Samir R. Kapadia, Rajesh K. Kharbanda, Christopher U. Meduri, Julia Seeger, Vinod H. Thourani

1:30 PM Adjourn

TMVR: PREPARING FOR THE NEXT REVOLUTION (SPONSORED BY CRF, SUPPORTED BY MEDTRONIC)

THURSDAY, JUNE 13, 2019
12:15 PM - 1:30 PM
Chicago Ballroom IX

12:15 PM - 12:20 PM
Welcome and introductions
Lecturer: Mark Reisman

12:20 PM - 1:20 PM
XTR: Impact on Therapy and Unique Opportunities and Challenges
Lecturer: Francesco Maisano

12:40 PM - 1:40 PM
Top Ten Lessons I Learned as a MitraClip Operator: Dos and Don'ts
Lecturer: Mark Reisman

12:48 PM - 1:48 PM
How to Balance Inflow Gradient With Reduction of Mitral Regurgitation: How Much Gradient is Acceptable
Lecturer: Scott Lim

12:56 PM - 1:56 PM
How to Optimize the Transseptal Puncture Based on Leaflet Pathology
Lecturer: Robert L. Smith

1:04 PM - 1:04 PM
The MitraClip in Hemodynamically Compromised Patients With MR: A Case Series
Lecturer: David G. Rizik

1:12 PM - 1:12 PM
Imaging Clefts Calcium MAC and Leaks Between Clips: Imaging Pearls for MitraClip Operators
Lecturer: G. Burkhard Mackensen

1:20 PM - 1:20 PM
Next Steps for MitraClip: Combined Therapy New Designs Perspective From a Long Journey
Lecturer: Felix Kreidel

1:30 PM Adjourn

MITRACLIP: AN INTERACTIVE PROGRAM OPTIMIZING OUTCOMES: A CASE-BASED PROGRAM (SPONSORED BY CRF, SUPPORTED BY ABBOTT)
MITRACLIP & TENDYNE: NEW TECHNOLOGIES AND HOW TO TREAT FMR!

MitraClip & Tendyne: New Technologies and How to Treat FMR!

THURSDAY, JUNE 13, 2019
8:00 am - 10:00 am
Michigan A/B, Meeting Room Level 2

8:00 am  MitraClip & Tendyne - New Technologies and How to Treat FMR!
Moderators: James B. Hermiller Jr, Brian K. Whisenant
Training Pavilion Faculty: Gorav Ailawadi, William A. Gray, Robert L. Smith, Dee Dee Wang

8:00 am  Introduction Solutions for Mitral Regurgitation
8:05 am  Technology Review: MitraClip NTR XTR Tendyne TMVR

10:30 am - 12:30 pm
MitraClip & Tendyne - New Technologies and How to Treat FMR!
Moderators: Scott Lim, Paul Sorajja
Training Pavilion Faculty: Gorav Ailawadi, William A. Gray, Robert L. Smith, Dee Dee Wang

10:30 am  Introduction Solutions for Mitral Regurgitation
10:35 am  Technology Review: MitraClip NTR XTR Tendyne TMVR
INTRODUCTION TO THE MANTA™ VASCULAR CLOSURE DEVICE FOR LARGE BORE CLOSURE

Introduction to the MANTA™ Vascular Closure Device for Large Bore Closure

THURSDAY, JUNE 13, 2019
8:00 AM - 10:00 AM
Superior, Meeting Level 2

8:00 AM
Introduction

8:05 AM
Large bore access and closure best practices

8:30 AM
Clinical use of the MANTA Device for large bore closure

CONTEMPORARY CONSIDERATIONS FOR HEMODYNAMICS

Contemporary Considerations for Hemodynamics

THURSDAY, JUNE 13, 2019
2:00 PM - 4:00 PM
Superior, Meeting Level 2

2:00 PM
Introduction

2:05 PM
Current Data Review

2:25 PM
Hemodynamic Outcomes and Impact on Health Economics

2:55 PM
Interactive Case Reviews and Panel Discussion

3:55 PM
Adjourn

ADVANCED TECHNIQUES AND CASE REVIEWS

Advanced Techniques and Case Reviews

THURSDAY, JUNE 13, 2019
4:30 PM - 6:30 PM
Superior, Meeting Level 2
4:30 PM - 6:30 PM
Advanced Techniques and Case Reviews
Training Pavilion Faculty: Paul D. Mahoney, Christian Spies

4:30 PM  Introduction
4:35 PM  Review Implant Best Practices and Procedural Simplification
4:55 PM  Advanced Procedural Techniques: Case Based Discussion
5:15 PM  Advanced Alternative Access Case Review
5:45 PM  Interactive Case Reviews and Panel Discussion
6:25 PM  Adjourn

TAVR: AN INTERACTIVE EXPERIENCE WITH SENTINEL CPS

TAVR: An Interactive Experience with Sentinel CPS

THURSDAY, JUNE 13, 2019
10:30 AM - 12:30 PM
Mayfair, Meeting Level 2

10:30 AM - 12:30 PM
TAVR: An Interactive Experience with Sentinel CPS
Training Pavilion Faculty: Hemal Gada, Pradeep K. Yadav

10:30 AM  Product Overview  Data Review  QA
10:50 AM  Case Review
11:00 AM  Hands on Rotations

TVT CLINICAL DEMONSTRATIONS AND RECEPTION

TVT Clinical Demonstrations and Reception

THURSDAY, JUNE 13, 2019
5:45 PM - 7:45 PM
Ballroom Promenade

5:45 PM - 7:45 PM
Please visit exhibits from the following supporters: Abbott, Baylis Medical, Boston Scientific, Edwards Lifesciences, Gore & Associates, Teleflex.

FRIDAY, JUNE 14, 2019
MAIN ARENA DAY 2: FRIDAY MORNING, JUNE 14TH

Main Arena Day 2: Friday Morning, June 14th

FRIDAY, JUNE 14, 2019
8:00 AM - 12:00 PM
Sheraton Chicago Ballroom IV-VII

8:00 AM - 9:00 AM
Live Cases #7 and #8: TAVR
Live Case Moderators: Vinod H. Thourani
Live Case Co-Moderators: Jeffrey J. Popma
Live Case Discussants: Colin M. Barker, G. Michael Deeb, Sammy Elmariah, Katherine Harrington, Markus Albert Kasel, Christopher U. Meduri, Nicolo Piazza, David G. Rizik, Shigeru Saito, Nicolas M. Van Mieghem

8:00 AM
Live Case 7: University Hospital Bonn  Heart Center Bonn  TAVR Lotus Bicuspid
Live Case Operator: Eberhard Grube, Georg Nickenig, Jan-Malte Sinning, Hendrik Treede, Marcel Weber

8:30 AM
Live Case 8: NYU Columbia  TAVR  Lotus
Live Case Operator: Vinayak N. Bapat, Isaac George, Rebecca T. Hahn, Omar K. Khalique, Susheel K. Kodali, Tamim M. Nazif, Torsten P. Vahl

9:00 AM - 9:45 AM
The Future of Cardiac Imaging for Structural Heart Disease
Moderators: Anthony N. DeMaria, Jonathon A. Leipsic

9:00 AM
Future Pillars of Imaging for Structural Heart Disease: 3D Printing and Virtual Reality
Lecturer: Dmitry B. Levin

9:09 AM
Discussion

9:09 AM
Four Hot Imaging Vignettes
9:09 AM
Can Artificial Intelligence Deep Learning Algorithms Transform Echo Acquisition and Interpretation in Valvular Heart Disease
Lecturer: Randolph P. Martin

9:17 AM
New 3D ICE Systems for Procedural Guidance
Lecturer: Brij Maini

9:23 AM
The Use of TEE Simulation for Physician Training
Lecturer: G. Burkhard Mackensen

9:29 AM
Will CT Fusion Become the Gold Standard for Structural Heart Interventions
Lecturer: Thomas Smith

9:35 AM
Discussion

9:45 AM - 11:15 AM
Live Cases #9 and #10: Mitral/Tricuspid
Live Case Moderators: Saiibal Kar
Live Case Co-Moderators: Mayra Guerrero
Live Case Discussants: Philipp Blanke, Anson Cheung, Linda D. Gillam, Hüseyin Ince, James M. McCabe, Basel Ramlawi, Maurice E. Sarano, Matthew Williams

9:45 AM
Live Case 9: University Hospital Bonn  Heart Center Bonn  Tricuspid MitraClip for TR
Main Arena Day 2: Friday Afternoon, June 14th

FRIDAY, JUNE 14, 2019
2:00 PM - 6:00 PM
Sheraton Chicago Ballroom IV-VII

2:00 PM - 3:00 PM
Live Cases #11 & #12: TAVR
Live Case Operators: Eberhard Grube, Georg Nickenig, Jan-Malte Sinning, Hendrik Treede, Marcel Weber

2:00 PM
Live Case 10: Cedars Sinai Medical Center TAVR Valve in Valve
Live Case Operator: Tarun Chakravarty, Moody M. Makar, Raj Makkar, Mamoo Nakamura

2:00 PM
Live Case 11: NYColumbia TAVR Evolut Valve in Valve
Live Case Operator: Vinayak N. Bapat, Isaac George, Rebecca T. Hahn, Omar K. Khalique, Susheel K. Kodali, Tamim M. Nazif, Torsten P. Vahl

2:30 PM
Live Case 12: Cedars Sinai Medical Center TAVR BAV AR
Live Case Operator: Tarun Chakravarty, Moody M. Makar, Raj Makkar, Mamoo Nakamura

3:00 PM
Outcomes Following Transcarotid Versus TranspicalTransaortic Access for Transcatheter Aortic Valve Replacement: Results from the Transcatheter Valve Therapy TVT Registry
Lecturer: Keith B. Allen

3:10 PM
Discussion

3:15 PM
Compassionate Use of the PASCAL Transcatheter Valve Repair System for Severe Tricuspid Regurgitation: A Multicenter Observational First in Human Experience
Lecturer: Neil P. Fam

3:25 PM
Discussion

3:30 PM
Hemodynamic Outcomes and Predictors of Prosthesis Patient Mismatch After Transcatheter or Surgical Aortic Valve Replacement in Low Risk Patients: Results from the Evolut Low Risk Trial
Lecturer: Mubashir Mumtaz

3:40 PM
Discussion

3:45 PM
Echocardiographic Results of Transcatheter Versus Surgical Aortic Valve Replacement in Low Risk Patients: The PARTNER 3 Trial
Lecturer: Philippe Pibarot

3:55 PM
Discussion

4:00 PM - 6:00 PM
Live Cases #13 - #16: LAAC-PFO Closure and TAVR
Live Case Moderators: Jacqueline Saw Live Case Co-Moderators: Steven J. Yakubov Live Case Discussants: Keith B. Allen, Zahid Amin, David J. Cohen, Anthony N. DeMaria, Sameer Gafoor, Robert W. Hodson, Brij Maini, David W.M. Muller, Thomas Smith, Molly Szerlip, Brian K. Whisenant

4:00 PM
Live Case 13: Scripps Clinic LAAC
Live Case Operator: Matthew J. Price, Steven Charles Romero

4:30 PM
Live Case 14: Providence Heart and Vascular Institute Transcarotid TAVR
Live Case Operator: Brandon Jones, Eric Kirker, Ethan C. Korngold

5:00 PM
Live Case 15: NYColumbia TAVR Sapien Ultra
Live Case Operator: Vinayak N. Bapat, Isaac George, Rebecca T. Hahn, Omar K. Khalique, Susheel K. Kodali, Tamim M. Nazif, Robert J. Sommer, Torsten P. Vahl

5:30 PM
Live Case 16: Scripps Clinic LAAC
Live Case Operator: Matthew J. Price, Steven Charles Romero

Case-Based Tutorials and Challenging Cases: Mitral II and Tricuspid

FRIDAY, JUNE 14, 2019
8:15 AM - 11:43 AM
Chicago Ballroom IX

8:15 AM - 9:13 AM
Mitral and Tricuspid

Main Arena Day 2: Friday Afternoon, June 14th

FRIDAY, JUNE 14, 2019
2:00 PM - 6:00 PM
Sheraton Chicago Ballroom IV-VII
8:15 AM  Cased Based Tutorials
Moderators: Patrick M. McCarthy, Maurice E. Sarano

Moderators: Patrick M. McCarthy, Maurice E. Sarano

Moderators: Patrick M. McCarthy, Maurice E. Sarano

Discussants: Sanjiv Shah

8:15 AM  MAC Management: Transseptal Valve in MAC
Case Presenter: Mayra Guerrero

8:23 AM  Discussion
Case Presenter: Mayra Guerrero

8:25 AM  MAC Management: Surgical and TMVR Strategies
Case Presenter: Robert L. Smith

8:33 AM  Discussion
Case Presenter: Robert L. Smith

8:35 AM  Therapy Strategies for MR With Wide Coaptation Gap
Case Presenter: Neil P. Fam

8:43 AM  Discussion
Case Presenter: Neil P. Fam

8:45 AM  How to Manage Single Leaflet Detachment After MitraClip
Case Presenter: Sameer Gafoor

8:53 AM  Discussion
Case Presenter: Sameer Gafoor

8:55 AM  MitraClip for Acute MR Decompensation
Case Presenter: Saibal Kar

9:03 AM  Discussion
Case Presenter: Saibal Kar

9:05 AM  Transcatheter Leaflet Suspension for Primary MR
Case Presenter: Gilbert H.L. Tang

Case Presenter: Mohammad Sarraf

9:50 AM  Discussion

9:53 AM  Acute Right Ventricular Reverse Remodeling Following Transcatheter Edge To Edge Repair of Severe Tricuspid Regurgitation
Case Presenter: Jeremy Ben-Shoshan

10:00 AM  Discussion

10:03 AM  Successful MitraClip Implantation in a Severely Tortuous IVC
Case Presenter: Faraj Kargoli

10:10 AM  Discussion

10:13 AM  Transcatheter Mitral Valve Repair After Transcatheter Ventricular Repair in a Patient With Severe Functional Mitral Regurgitation
Case Presenter: Arun Kannan

10:20 AM  Discussion

10:23 AM  Transapical Closure of a Bioprosthetic Mitral Perivalvular Leak in a Patient With a History of Rheumatic Heart Disease and Severe Right Sided Heart Failure
Case Presenter: Peter Petropulos

10:30 AM  Discussion

10:33 AM  Thrombectomy of a Left Atrial Thrombus During Transcatheter Mitral Valve Replacement
Case Presenter: Giorgio Medranda

10:40 AM  Discussion

10:43 AM - 11:43 AM  Mitral II and Tricuspid
Moderators: João L. Cavalcante, Samir R. Kapadia
Discussants: Randolph P. Martin, David Meerkin

10:43 AM  Case Based Tutorials: Mitral and Tricuspid

10:43 AM  Tricuspid MitraClip in TR With a Permanent Pacemaker
Case Presenter: Fabien Praz

10:51 AM  Discussion
Case Presenter: Fabien Praz

10:53 AM  When to Consider Cardioband Annuloplasty for Severe TR
Case Presenter: William A. Gray

11:01 AM  Discussion
Case Presenter: William A. Gray

11:03 AM  Transcatheter Tricuspid Valve Replacement: Case Examples in Torrential TR
Case Presenter: Samir R. Kapadia

11:11 AM  Discussion
Case Presenter: Samir R. Kapadia

11:13 AM  MitraClip in Both Severe MR and TR: Strategy and Case Examples
Case Presenter: Brij Maini

10:43 AM  A Case of Severe Mitral Valve Insufficiency With Extensive Posterior Leaflet Prolapse That Could Be Treated While Two Clips Entangled With Hemodynamics Collapse
Case Presenter: Shuhei Tanaka

9:13 AM - 10:43 AM  Challenging Cases: Mitral II and Tricuspid
Moderators: Alexandre Abizaid, Brian R. Lindman
Discussants: Steven Goldberg, Edwin Ho, Didier Tchetche

9:13 AM  Case Based Tutorials: Mitral and Tricuspid

9:43 AM  MitraClip Post Cardiac Transplant as a Bridge to Second Transplant
Case Presenter: François Simon

9:40 AM  Discussion

9:43 AM  Closure of the Mitral Ring PVL and Mitral Valve Perforation by Cardioform PFO Occluder: Tips Tricks and Challenges
Case Presenter: Mohammad Sarraf

9:13 AM  A Case of Severe Mitral Valve Insufficiency With Extensive Posterior Leaflet Prolapse That Could Be Treated While Two Clips Entangled With Hemodynamics Collapse
Case Presenter: Shuhei Tanaka

9:20 AM  Discussion

9:23 AM  Navigating Pacemaker Lead Challenges in Tricuspid Clipping
Case Presenter: Tilak Pasala

9:30 AM  Discussion

9:33 AM  MitraClip Post Cardiac Transplant as a Bridge to Second Transplant
Case Presenter: François Simon

9:40 AM  Discussion

9:43 AM  Closure of the Mitral Ring PVL and Mitral Valve Perforation by Cardioform PFO Occluder: Tips Tricks and Challenges
Case Presenter: Mohammad Sarraf
LAA OCCLUSION AND PFO CLOSURE II

NEW TECHNOLOGY FORUM: MITRAL AND TRICUSPID I
8:50 AM Animated Panel Discussion: Strengths and Weaknesses of Transcatheter MR Therapies
Lecturer: Francesco Maisano

9:00 AM - 11:43 AM
Session II: Transcatheter Mitral 'Repair' Therapies – RAPID-FIRE
Moderators: Anita Asgar, Jason H. Rogers
Discussants: Jeroen J. Bax, Gregory P. Fontana, John K. Forrest, Michael J. Rinaldi, Molly Szerlip, Bernard Vasseur

9:00 AM Leaflet Grasping Therapies
9:00 AM Conceptual Overview: Pros and Cons
Lecturer: Anita Asgar

9:07 AM MitraClip NT and XTR Devices: Differences and How to Choose EXPAND Registry
Lecturer: Hüseyin Ince

9:14 AM PASCAL: Technology and Clinical Trial Updates CLASP CLASP IID
Lecturer: Scott Lim

Lecturer: Mao Chen

9:28 AM Rapid Fire Questions and Panel Discussion
Moderator: Ramon Quesada

9:36 AM Annuloplasty Therapies
9:36 AM Conceptual Overview: Pros and Cons
Lecturer: Francesco Maisano

9:43 AM Cardioband Mitral: Technology and Clinical Trial Updates ACTIVE
Lecturer: Brian K. Whisenant

9:50 AM Carillon: Technology and Clinical Trial Updates CARILLON
Lecturer: Samir R. Kapadia

9:57 AM Millipede: Technology and EFS Updates
Lecturer: Jason H. Rogers

10:04 AM Accucinch ANCORA: Technology and EFS Updates CORCINCH EFS
Lecturer: Creighton W. Don

10:11 AM MVRx ARTO: Technology and Clinical Trial Updates MAVERIC CE Mark Trial
Lecturer: Bernard Prendergast

10:18 AM Valcare AMEND: Technology and Clinical Trial Updates
Lecturer: David Meerkin

10:25 AM Mitral Cerclage: Technology and FIM Updates
Lecturer: Robert J. Lederman

10:32 AM Rapid Fire Questions
Moderator: Paul A. Grayburn

10:40 AM Leaflet Chordal Suspension
10:40 AM Conceptual Overview: Pros and Cons
Lecturer: Michael J. Reardon

10:47 AM Neochord Transcapal: Technology FDA Pivotal Trial Updates RECHORD Progress With Transseptal Version
Lecturer: David H. Adams

10:54 AM Harpoon Transcapal: Technology and Clinical Updates
Lecturer: James S. Gammie

11:01 AM Pipeline Transseptal Chordal Repair: Technology and FIM Update
Lecturer: Steven F. Bolling

11:08 AM Rapid Fire Questions
Moderator: Andrea Colli

11:13 AM ChordArt Transseptal Chordal Repair: Technology and FIM Update
Lecturer: Alberto Weber

11:20 AM Posterior Leaflet RepairReplacement
11:20 AM Conceptual Overview: Pros and Cons
Lecturer: Steven F. Bolling

11:29 AM Sutra: Technology and Development Plan
Lecturer: Wei Sun

11:34 AM Rapid Fire Questions
Moderator: Michael J. Mack

WORKSHOPS AND CLINICAL CONTROVERSIES: MITRAL AND TRICUSPID I
Workshops and Clinical Controversies: Mitral and Tricuspid I
FRIDAY, JUNE 14, 2019
8:15 AM - 12:00 PM
Chicago Ballroom X

8:15 AM - 9:35 AM Clinical Data and Patient Selection
Moderators: Paul A. Grayburn, Allan Schwartz
Discussants: Megan Coylewright, Samir R. Kapadia, Azeem Latib, Milton Packer, Bernard Prendergast, Gregg W. Stone

8:15 AM MITRA FR: Perspectives on Clinical Trial Data and Current EU Patient Selection Criteria for FMR
Lecturer: Bernard Prendergast

8:27 AM COAPT: Perspectives on Clinical Trial Data and Anticipated US Patient Selection Criteria for FMR
Lecturer: Gregg W. Stone

8:39 AM Proportional vs. Disproportional Mitral Regurgitation: The New Paradigm
Lecturer: Milton Packer

8:51 AM Which Patients Are Best Candidates for Clinical Trials With Transcatheter LeafletChordal Suspension Anatomic and Clinical Factors

Last Updated 06/13/2019  Page: 27
Which Patients Are Best Candidates for Clinical Trials With Transcatheter Mitral Valve Replacement Anatomic and Clinical Factors
Lecturer: Thomas Modine

BioSkills: Cadaveric Endoscopy for Structural Heart Therapies - Pressurized Cardiovascular Model Demonstrations
FRIDAY, JUNE 14, 2019
2:00 PM - 6:00 PM
Chicago Ballroom VIII

2:00 PM - 3:49 PM
The TAVR Valves and Access
Moderators: Mark Reisman
Discussants: Alexandre Abizaid, Creighton W. Don, Dmitry B. Levin, Beth Ripley
Co-Moderators: Hasan Jilaihawi

2:00 PM
Lotus Valve
2:05 PM
Brief Overview of the Lotus Valve
Lecturer: Creighton W. Don

2:12 PM
Cadaveric Heart Model: Valve Deployment Endoscopy
Lecturer: Creighton W. Don

2:27 PM
Cadaveric Heart Model: Heart Dissection
Lecturer: Dmitry B. Levin

2:34 PM
Roundtable Discussion With Audience QA
Lecturer: Dmitry B. Levin

2:42 PM
ULTRA Valve
2:48 PM
Brief Overview of Ultra Valve
Lecturer: James M. McCabe

2:55 PM
Cadaveric Heart Model: CT Analysis
Lecturer: Beth Ripley

3:10 PM
Cadaveric Heart Model: Heart Dissection
Lecturer: Danny Dvir

3:18 PM
Roundtable Discussion With Audience QA
Lecturer: Danny Dvir

3:26 PM
Shockwave
3:26 pm  Brief Overview of the Shockwave System for Peripheral Access  
Lecturer: John G. Webb

3:31 pm  Shockwave Endoscopy  
Lecturer: Dmitry B. Levin

3:41 pm  Roundtable Discussion With Audience QA  
Lecturer: Dmitry B. Levin

3:49 pm - 6:00 pm  
Left Atrial Appendage Occlusion  
Moderators: Mark Reisman  
Discussants: Thomas K. Jones, Aaron V. Kaplan, Saibal Kar, G. Burkhard Mackensen, Fabian Nietlispach, Michael J. Rinaldi  
Moderators: Samir R. Kapadia

3:49 pm  Watchman and Flex Devices  
3:49 pm  Brief Overview of the Watchman and FLEX Systems  
Lecturer: Saibal Kar

3:59 pm  CT analysis  
Lecturer: Dmitry B. Levin

4:11 pm  Endoscopy  
Lecturer: Mark Reisman

4:23 pm  Dissection  
Lecturer: Saibal Kar

4:31 pm  Roundtable Discussion With Audience QA  
Lecturer: Saibal Kar

4:39 pm  Edge to Edge therapy  
Moderators: Dmitry B. Levin

Moderators: Dmitry B. Levin  
Discussants: Charles J. Davidson, William A. Gray, Thomas K. Jones, Ramon Quesada, Mark Reisman, Michael J. Rinaldi  
Moderators: Dmitry B. Levin  
Discussants: Charles J. Davidson, William A. Gray, Thomas K. Jones, Ramon Quesada, Mark Reisman, Michael J. Rinaldi  
Moderators: Anita Asgar

4:39 pm  Brief Overview of XTR and NTR  
Lecturer: G. Burkhard Mackensen

4:49 pm  Mitraclip Endoscopy  
Lecturer: Mark Reisman

5:04 pm  Dissection  
Lecturer: Dmitry B. Levin

5:14 pm  Roundtable Discussion With Audience QA  
Lecturer: Dmitry B. Levin

5:22 pm  Left Ventriculoplasty  
Moderators: Creighton W. Don  
Discussants: Steven F. Bolling, Hemal Gada, Dmitry B. Levin, JoAnn Lindenfeld, Mark Reisman, Beth Ripley  
Moderators: Creighton W. Don  
Discussants: Steven F. Bolling, Hemal Gada, Dmitry B. Levin, JoAnn Lindenfeld, Mark Reisman, Beth Ripley  
Moderators: Creighton W. Don  
Discussants: Steven F. Bolling, Hemal Gada, Dmitry B. Levin, JoAnn Lindenfeld, Mark Reisman, Beth Ripley  
Moderators: G. Burkhard Mackensen

5:22 pm  Brief Description of Ancora Device  
Lecturer: Creighton W. Don

5:27 pm  CT review  
Lecturer: Beth Ripley

5:32 pm  Ancora Endoscopy  
Lecturer: Creighton W. Don

5:47 pm  Dissection  
Lecturer: Dmitry B. Levin

5:54 pm  Roundtable Discussion With Audience QA  
Lecturer: Dmitry B. Levin

CASE-BASED TUTORIALS AND CHALLENGING CASES: TAVR CLINICAL TOPICS & TAVR COMPLICATIONS III

Case-Based Tutorials and Challenging Cases: TAVR Clinical Topics & TAVR Complications III

FRIDAY, JUNE 14, 2019  
2:00 pm - 5:10 pm  
Chicago Ballroom IX

2:00 pm - 4:00 pm  
TAVR Clinical Topics

2:00 pm  Challenging Cases  
Moderators: David G. Rizik, Jochen Wohrle  
Discussants: David G. Rizik, Jochen Wohrle  
Moderators: David G. Rizik, Jochen Wohrle  
Discussants: Sammy Elmariah, Jian Ye

2:00 pm  The Ultimate TAVR: Zero Contrast Preoperative EvaluationTrue Zero Contrast TAVR in a 4 Patient Case Series  
Case Presenter: Saira Samani

2:07 pm  Discussion  
Case Presenter: Saira Samani

2:10 pm  Left Main Coronary Artery Balloon Occlusion A Simple Maneuver to Assess the Need of BASILICA  
Case Presenter: Albert Chan

2:17 pm  Discussion  
Case Presenter: Albert Chan

2:20 pm  Percutaneous Transaxillary TAVR Made Easy  
Case Presenter: Arijit Chanda

2:27 pm  Discussion  
Case Presenter: Arijit Chanda

2:30 pm  Emergent TAVR in a Patient Acute Severe Bioprosthetic AI and Multiorgan Dysfunction  
Case Presenter: Elvis Cami

2:37 pm  Discussion  
Case Presenter: Elvis Cami
2:40 PM Use of a New Generation Transcatheter Heart Valve Facilitating Valve in Valve TAVR and Bioprosthetic Valve Fracture in a Patient at High Risk of Coronary Obstruction
Case Presenter: Mark Hensey
2:47 PM Discussion
Case Presenter: Mark Hensey
2:50 PM Worsening Shortness of Breath 3 Years After TAVR
Case Presenter: Sanjay Mehta
2:57 PM Discussion
Case Presenter: Sanjay Mehta

3:00 PM Cased Based Tutorials
Moderators: Srini Potluri
Moderators: Srini PotluriModerators: Srini PotluriDiscussants: Bruce J. Rutkin
3:00 PM Treating a Small Surgical Bioprosthetic Valve
Case Presenter: Jeffrey J. Popma
3:09 PM Discussion
Case Presenter: Jeffrey J. Popma
3:11 PM Diagnosis and Treatment of PVL After TAVR in the Modern Minimalist Era
Case Presenter: Philippe Pibarot
3:20 PM Discussion
Case Presenter: Philippe Pibarot
3:22 PM Treating a Stentless Bioprosthetic Surgical Valve
Case Presenter: Brian K. Whisenant
3:31 PM Discussion
Case Presenter: Brian K. Whisenant
3:33 PM Managing Vascular Catastrophes After TAVR
Case Presenter: James M. McCabe
3:42 PM Discussion
Case Presenter: James M. McCabe
3:44 PM Transcatheter Management of AS With Severe LVOT Calcification
Case Presenter: James M. McCabe
3:53 PM Discussion
Case Presenter: James M. McCabe

4:00 PM - 5:10 PM
TAVR Complications III and New Devices
Moderators: Ariel Finkelstein, Philippe GenereuxDiscussants: Mark J. Goodwin, Chris Malaisrie

4:00 PM Challenging Cases
4:00 PM Percutaneous Closure of a Very Late Paravalvular Leak After Edwards SAPIEN XT TAVR
Case Presenter: Pedro Nicz
4:07 PM Discussion
Case Presenter: Pedro Nicz
TRANSCATHETER VALVE THERAPY | FRIDAY, JUNE 14, 2019

2:30 PM - 5:00 PM

TMVR Programs
Moderators: Jason H. Rogers, Mathew Williams
Discussants: Anson Cheung, Howard C. Herrmann, Scott Lim, Basel Ramlawi, Paul Sorajja, Nicolas M. Van Mieghem

2:30 PM RCT
2:30 PM INTREPID: Attributes Challenges and Clinical Data APOLLO
Lecturer: Martin B. Leon
2:40 PM TENDYNE: Attributes Challenges and Clinical Data SUMMIT
Lecturer: Gorav Ailawadi
2:50 PM Rapid Fire Questions
Moderator: Anson Cheung

3:00 PM EFS
3:00 PM EVOQUE: Attributes Challenges and Early Clinical Data
Lecturer: Howard C. Herrmann
3:10 PM The TIARA Program: Attributes Challenges and Early Clinical Data
Lecturer: Anson Cheung
3:20 PM The CAISSON Program: Attributes Challenges and Early Clinical Data
Lecturer: Steven J. Yakubov
3:30 PM HIGHLINE: Attributes Challenges and Clinical Data
Lecturer: Nicolo Piazza
3:40 PM M3: Attributes Challenges and Early Clinical Data
Lecturer: John G. Webb
3:50 PM Rapid Fire Questions
Moderator: James S. Gammie

4:00 PM Next Generations
4:00 PM Cardiovalve: Attributes Challenges and Early Clinical Data
Lecturer: Francesco Maisano
4:10 PM CEPHEA: Attributes Challenges and Future Directions
Lecturer: Thomas Modine
4:20 PM AltaValve: Attributes Challenges and Future Programs
Lecturer: Josep Rodés-Cabau
4:30 PM Rapid Fire Questions
Moderator: James S. Gammie

4:40 PM Complex Issues
4:40 PM TMVR Pivotal Trial Designs in the COAPT Era
Lecturer: Gregg W. Stone

5:00 PM Annuloplasty and Reshaping Therapies
5:00 PM Trialign Pioneering Work Technology and Lessons Learned
Lecturer: Christopher U. Meduri
5:05 PM Cardioband Tricuspid Showing Promise Technology and Clinical Updates
Lecturer: Scott Lim
5:10 PM Tech TriCinch Enhanced Design Technology and Clinical Updates
Lecturer: Maurizio Taramasso
5:15 PM Cardiac Implants Da Vinci Proof of Concept Technology and Clinical Updates
Lecturer: Martin B. Leon
5:20 PM PASTA... Over the Counter Annuloplasty
Lecturer: Adam B. Greenbaum
5:25 PM Rapid Fire Questions
Lecturer: Adam B. Greenbaum

5:30 PM Leaflet Grasping Therapies
5:30 PM MitraClip Tricuspid Growing Experience Technology and Clinical Updates Triluminate I II
Lecturer: Saibal Kar
5:35 PM PASCAL Tricuspid Early Experience Technology and Clinical Updates
Lecturer: Felix Kreidel
5:40 PM Rapid Fire Questions
Lecturer: Felix Kreidel

5:45 PM Spacers Valves and Everything Else for TR
5:45 PM The FORMA Spacer A Versatile Tool Technology and Clinical Updates EFS
Lecturer: Mark Hensey
5:50 PM CroiValve... A Valve A Spacer Both or Neither
Lecturer: Martin Quinn
5:55 PM Evolution of Cava Valves CAVI Last Resort TR Patients Technology and Clinical Updates
Lecturer: Martin Quinn
6:00 PM Navigate Transcatheter Tricuspid Valve Replacement Early Findings Technology and Clinical Updates
Lecturer: Samir R. Kapadia
6:05 PM Trisol... Specifically Designed for the Tricuspid... Potentially Safer Than Other Tricuspid Replacements
Lecturer: Giora Weisz
6:10 PM Rapid Fire Questions
Lecturer: Kendra J. Grubb

WORKSHOPS AND CLINICAL CONTROVERSIES:
MITRAL AND TRICUSPID II
2:00 PM - 2:50 PM
Current Treatment Strategies for Significant TR
Moderators: Ori Ben-Yehuda, Michael J. Mack
Discussants: Linda D. Gillam, Paul A. Grayburn, Samir R. Kapadia, Christopher U. Meduri, Fabien Praz, Molly Szerlip

2:00 PM  Medical Therapy for TR and Indications Thresholds for Surgical/Transcatheter Therapies
Lecturer: Maurice E. Sarano

2:10 PM  TR Due to Pacemaker Lead Entrapment: Frequency Diagnosis Clinical Consequences and Treatment Alternatives
Lecturer: Neil P. Fam

2:20 PM  Lessons From Surgery Should the Tricuspid Valve Be Addressed During Transcatheter Mitral Valve Intervention
Lecturer: Thomas Modine

2:30 PM  TR Repair vs. Replacement Strategies: Lessons From Surgery
Lecturer: James S. Gammie

2:40 PM  Discussion

2:50 PM - 3:50 PM
Anatomy and Imaging of the RV and Tricuspid Valve
Moderators: Steven F. Bolling, Randolph P. Martin
Discussants: Jeroen J. Bax, João L. Cavalcante, Paul A. Grayburn, Jonathan A. Leipsic, Bernard Vasseur

2:50 PM  Bioskills Primer for the Right Heart Surgical/Interventional Highlights and Landscape Overview of Major Pathologies
Lecturer: Mark Reisman

3:00 PM  How Should We Be Imaging TR to Determine Severity and RV Function Echo TEE or CMR
Lecturer: Linda D. Gillam

3:10 PM  How Should We Be Imaging TR to Guide Transcatheter Intervention TEE 3D ICE or Something Else
Lecturer: Fabien Praz

3:20 PM  The Essential Echocardiography Examination of TR and RV Function
Lecturer: Randolph P. Martin

3:30 PM  The Essential CT Examination of the Tricuspid Annulus and RV Anatomy
Lecturer: Jonathon A. Leipsic

3:40 PM  Discussion

3:50 PM - 6:00 PM
Patient Selection for New Transcatheter TR Therapies
Moderators: Linda D. Gillam, Randolph P. Martin
Discussants: Anita Asgar, Ori Ben-Yehuda, William A. Gray, Felix Kreidel, Maurizio Taramasso

3:50 PM  Lessons From International Registry on Transcatheter Tricuspid Therapies
Lecturer: Philipp Lurz

4:00 PM  Definitions of Futility as it Applies to RV Failure With Torrential TR
Lecturer: Michael J. Mack

4:10 PM  The Potential Role of Combination or Sequential Transcatheter TR Therapies
Lecturer: Felix Kreidel

4:20 PM  Discussion

4:30 PM  Interactive Heart Teams: Device Selection for These Difficult TR Cases With Case Panel Discussion and Case Outcome

4:30 PM  Case 1: A Difficult Case Treated With Cardioband
Case Presenter: Scott Lim

4:40 PM  Case 2: A Difficult Case Treated With TriCinch
Case Presenter: Maurizio Taramasso

4:50 PM  Case 3: A Difficult Case Treated With Pascal
Case Presenter: Neil P. Fam

5:00 PM  Case 4: A Difficult Case Treated With Tricuspid Clip
Case Presenter: Philipp Lurz

5:10 PM  Case 5: A Difficult Case Treated With Forma
Case Presenter: Mark Hensey

5:20 PM  Case 6: A Difficult Case Treated With Caval Valves
Case Presenter: Alexander Lauten

5:30 PM  Case 7: A Difficult Case Treated With Navigate
Case Presenter: Martin B. Leon

5:40 PM  Roundtable Discussion With Audience QA
Case Presenter: Martin B. Leon

MODERATED POSTER SESSION: TRICUSPID, MITRAL III, & OTHER - STATION 1

Moderated Poster Session: Tricuspid, Mitral III, Other - Station 1
FRIDAY, JUNE 14, 2019
8:00 AM - 12:00 PM
Station 1, Ballroom Promenade, 4th Floor

8:00 AM - 9:45 AM
Tricuspid
Moderators: Maurizio Taramasso
Discussants: Mark J. Goodwin

8:00 AM  3 Dimensional Intracardiac Echocardiography to Guide Structural Heart Interventions
Lecturer: Carlos E. Sanchez

8:10 AM
Discussion

8:15 AM
1 Year Outcomes of the TRI REPAIR Study Assessing Cardioband Tricuspid Valve Reconstruction System for Patients With Functional Tricuspid Regurgitation
Lecturer: Felix Kreidel

8:25 AM
Discussion

8:30 AM
Simplifying TTVR With a Novel Cinching Solution
Lecturer: Didier Tchetche

8:40 AM
Discussion

8:45 AM
Constructing an Anatomical Map of the Tricuspid Valve and Adjacent Right Atrial Structures for Optimizing the Design of Transcatheter Annuloplasty Repair Devices: A Computational Case Study of 50 Human Hearts
Lecturer: Jorge Zhingre Sanchez

8:55 AM
Discussion

9:00 AM
A New Preoperative Approach Based on 3D Printed Simulation in LAAC Procedures Data From LAA Print French Registry: A Large National Multicentric Prospective Registry
Lecturer: Vlad Ciobotaru

9:10 AM
Discussion

9:15 AM
Effect of Residual Interaltrial Shunt on Migraine Burden After Transcatheter Closure of Patent Foramen Ovale
Lecturer: Eyal Ben Assa

9:25 AM
Discussion

9:30 AM
Results From the Early Feasibility Study of CardiobandTricuspid System for Functional Tricuspid Regurgitation
Lecturer: Scott Lim

9:40 AM
Discussion

9:45 AM - 11:15 AM
Mitral III
Moderators: Felix Kreidel, Paul SarajjaDiscussants: Andrea Colli

9:45 AM
Transseptal Puncture With Large Bore Transcatheter Delivery Systems: Investigations into Crossing Forces Atrial Septum Dilation and Tissue Damage to the Fossa Ovalis
Lecturer: Jorge Zhingre Sanchez

9:55 AM
Discussion

10:00 AM
Long Term Outcomes Following Transcatheter Mitral Valve Replacement for the Treatment of Degenerated Mitral Bioprostheses
Lecturer: Giorgio Medranda

10:10 AM
Discussion

10:15 AM
Surgical and Transcatheter Mitral Valve Replacement in Mitral Annular Calcification: A Systematic Review
Lecturer: Aaqib H Malik

10:25 AM
Discussion

10:30 AM
Double Valve Replacement in Patients With Severe Mitral Annular Calcification
Lecturer: Mohanad Hamandi

10:40 AM
Discussion

10:45 AM
Percutaneous Transseptal Mitral Valve Implantation in Failed Surgical Bioprosthetic Valves: Early Experience in Brazil
Lecturer: Pedro Nicz

10:55 AM
Discussion

11:00 AM
Adjunctive Use of Fluoroscopy During Mitraclip Implantation to Minimize Clip Malrotation Preserve Alignment and Reduce Number of Grasps and Need for Clip Eversion
Lecturer: Sarah Chen

11:10 AM
Discussion

11:15 AM - 12:00 PM
Other
Moderators: Alexandra J. Lansky, David W.M. MullerDiscussants: Philipp Lurz

11:15 AM
Sonographer Performed Transesophageal Echocardiograph During Cardiac Interventional Cases: A Hospital Experience
Lecturer: Kimberly Chadwell

11:25 AM
Discussion

11:30 AM
Primary Care Provider Awareness of Transcatheter Procedures in North Carolina
Lecturer: Sanjay Venkatesh

11:40 AM
Discussion

11:45 AM
Prevention of Cardiac Maternal Mortality in the Developing World: Screening Pregnant Women in Hyderabad India for Structural Heart Disease
Lecturer: Amisha Patel

11:55 AM
Discussion

MODERATED POSTER SESSIONS: TAVR
CLINICAL TOPICS III, IV, AND OTHER - STATION 2

Moderated Poster Sessions: TAVR Clinical Topics III, IV, and Other - Station 2

FRIDAY, JUNE 14, 2019
8:00 AM - 12:15 PM
Station 2, Ballroom Promenade, 4th Floor

8:00 AM - 9:30 AM
TAVR Clinical Topics III
Moderators: David J. CohenDiscussants: Mark J. Goodwin, Philipp Lurz

8:00 AM
Does Orienting Sapien 3 During Crimping in TAVR Affect Final Orientation to Coronaries to Impact TAV in TAV and Coronary Reaccess A Pilot Study
Lecturer: Gilbert H.L. Tang

8:10 AM
Discussion

8:15 AM
Utilizing a Protocol Driven vs. a Guideline Driven Approach for Management of Conduction Abnormalities After Transcatheter Aortic Valve Replacement

8:30 AM
Transseptal Puncture With Large Bore Transcatheter Delivery Systems: Investigations into Crossing Forces Atrial Septum Dilation and Tissue Damage to the Fossa Ovalis
Lecturer: Jorge Zhingre Sanchez

8:40 AM
Discussion

8:45 AM
Constructing an Anatomical Map of the Tricuspid Valve and Adjacent Right Atrial Structures for Optimizing the Design of Transcatheter Annuloplasty Repair Devices: A Computational Case Study of 50 Human Hearts
Lecturer: Jorge Zhingre Sanchez

9:00 AM
A New Preoperative Approach Based on 3D Printed Simulation in LAAC Procedures Data From LAA Print French Registry: A Large National Multicentric Prospective Registry
Lecturer: Vlad Ciobotaru

9:10 AM
Discussion

9:15 AM
Effect of Residual Interaltrial Shunt on Migraine Burden After Transcatheter Closure of Patent Foramen Ovale
Lecturer: Eyal Ben Assa

9:25 AM
Discussion

9:30 AM
Results From the Early Feasibility Study of CardiobandTricuspid System for Functional Tricuspid Regurgitation
Lecturer: Scott Lim

9:40 AM
Discussion

9:45 AM - 11:15 AM
Mitral III
Moderators: Felix Kreidel, Paul SarajjaDiscussants: Andrea Colli

9:45 AM
Transseptal Puncture With Large Bore Transcatheter Delivery Systems: Investigations into Crossing Forces Atrial Septum Dilation and Tissue Damage to the Fossa Ovalis
Lecturer: Jorge Zhingre Sanchez

9:55 AM
Discussion

10:00 AM
Long Term Outcomes Following Transcatheter Mitral Valve Replacement for the Treatment of Degenerated Mitral Bioprostheses
Lecturer: Giorgio Medranda

10:10 AM
Discussion

10:15 AM
Surgical and Transcatheter Mitral Valve Replacement in Mitral Annular Calcification: A Systematic Review
Lecturer: Aaqib H Malik

10:25 AM
Discussion

10:30 AM
Double Valve Replacement in Patients With Severe Mitral Annular Calcification
Lecturer: Mohanad Hamandi

10:40 AM
Discussion

10:45 AM
Percutaneous Transseptal Mitral Valve Implantation in Failed Surgical Bioprosthetic Valves: Early Experience in Brazil
Lecturer: Pedro Nicz

10:55 AM
Discussion

11:00 AM
Adjunctive Use of Fluoroscopy During Mitraclip Implantation to Minimize Clip Malrotation Preserve Alignment and Reduce Number of Grasps and Need for Clip Eversion
Lecturer: Sarah Chen

11:10 AM
Discussion

11:15 AM - 12:00 PM
Other
Moderators: Alexandra J. Lansky, David W.M. MullerDiscussants: Philipp Lurz

11:15 AM
Sonographer Performed Transesophageal Echocardiograph During Cardiac Interventional Cases: A Hospital Experience
Lecturer: Kimberly Chadwell

11:25 AM
Discussion

11:30 AM
Primary Care Provider Awareness of Transcatheter Procedures in North Carolina
Lecturer: Sanjay Venkatesh

11:40 AM
Discussion

11:45 AM
Prevention of Cardiac Maternal Mortality in the Developing World: Screening Pregnant Women in Hyderabad India for Structural Heart Disease
Lecturer: Amisha Patel

11:55 AM
Discussion
Lecturer: Chad Kliger
8:25 AM Discussion
8:30 AM Renin Angiotensin Aldosterone System Inhibitors Are Associated With Renal Protective Effects in Aging Patients Undergoing Transcatheter Aortic Valve Replacement
Lecturer: Alexis Okoh
8:40 AM Discussion
8:45 AM Diastolic Dysfunction and Clinical Outcomes in Non Typical Aortic Stenosis Subtypes After Transcatheter Aortic Valve Replacement
Lecturer: Rashad Belin
8:55 AM Discussion
9:00 AM Comparison of 3D Transesophageal Echocardiogram vs. CTA for TAVR Valve Sizing and Resulting Aortic Regurgitation
Lecturer: Sarfaraz Memon
9:10 AM Discussion
9:15 AM Frequency and Consequences of Adverse Events After Transcatheter or Surgical Aortic Valve Replacement in Medicare Beneficiaries
Lecturer: Carlos E. Sanchez
9:25 AM Discussion
9:30 AM - 12:15 PM
TAVR Clinical Topics IV and Other
Moderators: G. Michael Deeb
Discussants: Kentaro Hayashida, Janarthanan Sathananthan
9:30 AM The Utility of Transcatheter Aortic Valve Replacement in Very Low Gradient Severe Aortic Stenosis
Lecturer: Giorgio Medranda
9:40 AM Discussion
9:45 AM Impact of Frailty Score on Quality of Life After Transcatheter Aortic Valve Replacement in Nonagenarians
Lecturer: Ramez Morcos
9:55 AM Discussion
10:00 AM Patient Recovery Following Alternative Access TAVR: Is There a Benefit With the Transcarotid Approach
Lecturer: Katie Jaschke
10:10 AM Discussion
10:15 AM Outcomes of Transcatheter Aortic Valve Replacement in Congestive Heart Failure: Analysis From the Nationwide Inpatient Sample
Lecturer: Dipesh Ludhwani
10:25 AM Discussion
10:30 AM Valve Performance and Durability After Transcatheter Versus Surgical Aortic Valve Replacement: A Meta Analysis of Randomized Controlled Trials
Lecturer: Ankur Sethi
10:40 AM Discussion
10:45 AM Comparison of Procedural and Clinical Outcomes Between the Sapien XT and the Sapien 3 Valves in Transcatheter Aortic Valve Replacement
Lecturer: Hyungdon Kook
10:55 AM Discussion

11:00 AM TAVR Safety in Cancer Including in Metastatic Disease: Propensity Score and Machine Learning Supported Multicenter Case Control Study of Over 6 Million Hospitalizations
Lecturer: Tariq Thannoun
11:10 AM Discussion
11:15 AM Performance of the TRUE Dilatation Balloon Valvuloplasty Catheter Beyond Rated Burst Pressure: A Bench Study
Lecturer: Janarthanan Sathananthan
11:25 AM Discussion
11:30 AM Gender Differences in the Safety of Alcohol Septal Ablation in Patients With Hypertrophic Obstructive Cardiomyopathy
Lecturer: Abhishek Sharma
11:40 AM Discussion
11:45 AM Iatrogenic Atrial Septal Defect Closure After Left Sided Structural Heart Procedures: Safety of Using the Large Bore Sheath and Tricks to Delivery
Lecturer: Benjamin Stripe
11:55 AM Discussion
12:00 PM Reproducible and Controlled Transseptal Puncture System
Lecturer: Azeem Latib
12:10 PM Discussion

MODERATED POSTER SESSION: TAVR CLINICAL TOPICS V & LAAC/PFO - STATION 2

Moderated Poster Session: TAVR Clinical Topics V & LAAC/PFO - Station 2
FRIDAY, JUNE 14, 2019
2:00 PM - 3:45 PM
Station 2, Ballroom Promenade, 4th Floor

2:00 PM - 3:00 PM
TAVR Clinical Topics V
Moderator: Saif Anwaruddin, Ariel Finkelstein
2:00 PM Smaller Aortic Annular Area Is Associated With Patient Prosthesis Mismatch in TAVR but Not Surgical AVR
Lecturer: Amogh Karnik
2:10 PM Discussion
2:15 PM Minimalist Approach to Percutaneous Transaxillary TAVI: The M Ax Approach
Lecturer: Gautam Visveswaran
2:25 PM Discussion
2:30 PM Ferumoxytol Enhanced MRA for Transcatheter Aortic Valve Replacement Planning in Patients With Chronic Kidney Disease
Lecturer: Anjali Sharma
2:40 PM Discussion
Impact of Pre Existing Atrial Fibrillation on Clinical Outcomes in Patients Who Underwent Balloon Expandable Transcatheter Aortic Valve Replacement
Lecture: Hyungdon Kook

Discussion

MODERATED POSTER SESSION: TAVR COMPLICATIONS - STATION 1

FRIDAY, JUNE 14, 2019
2:00 PM - 3:15 PM
Station 1, Ballroom Promenade, 4th Floor

TAVR Complications
Moderators: Markus Albert Kasel, Mark J. Russo
Discussants: Robert W. Hodson

2:00 PM
Thrombosis in the Transcatheter Heart Valve: Fluid Dynamics Factors
Lecture: Prem Midha

2:10 PM
Discussion

2:15 PM
Predictors of Late 30 Days Permanent Pacemaker Implantation Following Transcatheter Aortic Valve Replacement
Lecture: Alexis Okoh

2:25 PM
Discussion

2:30 PM
Machine Learning Based Prediction of Pacemaker Implantation After Transcatheter Aortic Valve Replacement
Lecture: Anvi Raina

2:40 PM
Discussion

1:00 PM - 3:15 PM
LAAC/PFO
Moderators: David Meerkin, Vivian G. Ng
Discussants: Megan Coylewright, Reda Ibrahim

2:00 PM
LAA Closure in a Completely Awake Patient Using BossaNova and Intracardiac Echocardiography Guidance
Lecture: Giselle Baquero

2:10 PM
Discussion

2:15 PM
Proof of Concept A Novel Wide Field Three Dimensional Intracardiac Echocardiography to Guide Left Atrial Appendage Occlusion
Lecture: Kimberly Chadwell

2:25 PM
Discussion

2:30 PM
Towards Simplifying the Workflow for Transcatheter Left Atrial Appendage Closure Using Preprocedural CT Planning and Intraprocedural Left Atrial Volume Intracardiac Echocardiography
Lecture: Vivian G. Ng

2:40 PM
Discussion

1:00 PM - 3:15 PM
MODERATED POSTER SESSION: TAVR COMPLICATIONS - STATION 1

FRIDAY, JUNE 14, 2019
2:00 PM - 3:15 PM
Station 1, Ballroom Promenade, 4th Floor

Incidence of the Pseudoaneurysm After Transcatheter Aortic Valve Replacement: A Single Center Experience
Lecture: Alexis Okoh

2:55 PM
Discussion

3:00 PM
Pacemaker Dependency at 90 Days After Transcatheter Aortic Valve Replacement
Lecture: Mohanad Hamandi

3:10 PM
Discussion

6:30 AM - 7:45 AM
Chicago Ballroom X

6:45 AM - 7:45 AM
Options in the Treatment of MR: A New Horizon of Therapy With Transcatheter Mitral Valve Implantation (TMVI) (Sponsored by Abbott)

2:00 PM
Thrombosis in the Transcatheter Heart Valve: Fluid Dynamics Factors
Lecture: Prem Midha

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Chicago Ballroom X

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Lecture: Anvi Raina

2:40 PM
Discussion

1:00 PM - 3:15 PM
OPTIONS IN THE TREATMENT OF MR: A NEW HORIZON OF THERAPY WITH TRANSCATHETER MITRAL VALVE IMPLANTATION (TMVI) (SPONSORED BY ABBOTT)

FRIDAY, JUNE 14, 2019
6:30 AM - 7:45 AM
Chicago Ballroom X

6:30 AM - 6:45 AM
Check-in & breakfast

6:45 AM - 7:45 AM
Options in the Treatment of MR: A New Horizon of Therapy With Transcatheter Mitral Valve Implantation (TMVI)
Faculty: Thomas Modine, David W.M. Muller, Paul Sorajja, Vinod H. Thourani
Chairs: Francesco Maisano

6:45 AM
A Pathoanatomic Approach to Secondary Functional Mitral Regurgitation: Evaluating the Evidence
Presenter: Vinod H. Thourani

6:57 AM
Roundtable Discussion

7:00 AM
First 100 Patients Treated With the Tendyne Transcatheter Mitral Prosthesis: Results from the Global Feasibility Study CE Mark Trial
Presenter: Thomas Modine

7:12 AM
Roundtable Discussion

7:15 AM
Mitral Regurgitation Severity Predicts 1 Year Therapeutic Benefit of Tendyne Transcatheter Mitral Valve Implantation
Presenter: David W.M. Muller

7:27 AM
Roundtable Discussion

7:30 AM
Transcatheter Mitral Valve Implantation in Patients With Severe Mitral Annular Calcification: Early Results From the Tendyne MAC Study
Presenter: Paul Sorajja

7:42 AM
Roundtable Discussion

7:45 AM
Adjourn

SHOCKWAVE IVL: A NEW ALTERNATIVE TO ALTERNATIVE TAVR ACCESS (SPONSORED BY SHOCKWAVE MEDICAL)
### Shockwave IVL: A New Alternative to Alternative TAVR Access (Sponsored by Shockwave Medical)

**FRIDAY, JUNE 14, 2019**  
**6:30 AM - 7:45 AM**  
Chicago Ballroom IX

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
<th>Presenter(s)</th>
<th>Location</th>
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</thead>
<tbody>
<tr>
<td>6:45 AM</td>
<td>Introduction to IVL and Overview of Application</td>
<td>Chandan Devireddy</td>
<td>Chicago Ballroom IX</td>
</tr>
<tr>
<td>7:05 AM</td>
<td>Challenges in TAVR Access and Potential Alternative Access Routes</td>
<td>James M. McCabe</td>
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<tr>
<td>7:25 AM</td>
<td>How IVL is Being Integrated into TAVR Access Algorithms From Multiple Perspectives</td>
<td>John G. Webb, Pradeep K. Yadav</td>
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</tbody>
</table>

### Contemporary Treatment of Functional MR in Patients With Heart Failure (Sponsored by Cardiac Dimensions, Inc.)

**FRIDAY, JUNE 14, 2019**  
**12:15 PM - 1:30 PM**  
Chicago Ballroom IX

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
<th>Presenter(s)</th>
<th>Location</th>
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<tbody>
<tr>
<td>12:15 PM</td>
<td>Carillon Mitral Contour System Background: REDUCE FMR</td>
<td>Horst Sievert</td>
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<tr>
<td>12:40 PM</td>
<td>CARILLON Trial Update</td>
<td>Samir R. Kapadia</td>
<td></td>
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<tr>
<td>12:50 PM</td>
<td>Carillon Mitral Contour System Procedure Pre Recorded</td>
<td>Felix Kreidel</td>
<td></td>
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<tr>
<td>1:05 PM</td>
<td>Combination Therapy in FMR: Case Experience</td>
<td>Martin B. Leon</td>
<td></td>
</tr>
<tr>
<td>1:20 PM</td>
<td>Panel Discussion</td>
<td>Horst Sievert</td>
<td></td>
</tr>
<tr>
<td>1:30 PM</td>
<td>Adjourn</td>
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### The New ABCs of PFO Closure: A Deep Dive into the Data, Building the Heart-Brain Team, and Challenging Cases (Sponsored by Gore & Associates)

**FRIDAY, JUNE 14, 2019**  
**6:30 AM - 7:45 AM**  
Chicago Ballroom VIII

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
<th>Presenter(s)</th>
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</thead>
<tbody>
<tr>
<td>6:45 AM</td>
<td>Welcome: Deep Dive Into the Pivotal Randomized Trials of PFO Closure and New Sub Analyses</td>
<td>Jonathan M. Tobis</td>
<td></td>
</tr>
<tr>
<td>7:02 AM</td>
<td>Building a Heart Brain Team</td>
<td>Joseph Aragon</td>
<td></td>
</tr>
<tr>
<td>7:19 AM</td>
<td>Advanced Implant Techniques for Gore Cardioform Septal Occluder</td>
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</table>

### Improving Safety & Reducing Costs with the Tempo® Temporary Pacing Lead (Sponsored by BioTrace Medical)

**FRIDAY, JUNE 14, 2019**  
**12:15 PM - 1:30 PM**  
Sheraton Ballroom I-II

<table>
<thead>
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<tbody>
<tr>
<td>12:15 PM</td>
<td>Check-in &amp; lunch</td>
<td></td>
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</tbody>
</table>
LOW-RISK PATIENTS: THE CHANGING FACE OF TAVR (SPONSORED BY CRF, SUPPORTED BY MEDTRONIC)

12:15 PM - 12:30 PM
Check-in & lunch

12:30 PM - 1:30 PM
Low-Risk Patients: The Changing Face of TAVR

12:30 PM Welcome and Introductions: TAVR in Low Risk Patients Critical Review of the Clinical Evidence
Lecturer: Michael J. Reardon

12:40 PM The Optimal TAVR Low Risk Patient: Understanding Treatment Decision Making in 2019
Lecturer: Kendra J. Grubb

12:50 PM What Is Important to Low Risk Patients Mortality Stroke Qualify of Life Hemodynamics and More
Lecturer: Howard C. Herrmann

1:00 PM TAVR in Bicuspid Patients: Evidence and Case Examples
Lecturer: Didier Tchetche

1:10 PM Case Presentations: TAVR in Low Risk Patients
Case Presenter: Hemal Gada

1:20 PM Panel Discussion and QA

1:30 PM Adjourn

TRANSCATHETER MITRAL VALVE INTERVENTIONS (SPONSORED BY CRF, SUPPORTED BY EDWARDS LIFESCIENCES)

Transcatheter Mitral Valve Interventions (Sponsored by CRF, Supported by Edwards Lifesciences)

FRIDAY, JUNE 14, 2019
12:15 PM - 1:30 PM
Chicago Ballroom VIII

12:15 PM - 12:30 PM
Check-in & lunch

12:30 PM - 1:30 PM
Transcatheter Mitral Valve Interventions

12:30 PM Putting Contemporary Transcatheter Mitral Trials in Perspective: Disproportionate Mitral Regurgitation May Be the FMR Target
Lecturer: Paul A. Grayburn

12:36 PM Panel Discussion

12:40 PM Approaches to Transcatheter Leaflet Repair
Lecturer: Scott Lim

12:46 PM Panel Discussion

12:50 PM Transcatheter Annular Reduction for FMR: What Is the Future
Lecturer: Brian K. Whisenant

12:56 PM Panel Discussion

1:00 PM Transcatheter Chordal Repair
Lecturer: Vinod H. Thourani

1:06 PM Panel Discussion

1:10 PM Advances in Transseptal Transcatheter Mitral Valve Replacement
Lecturer: Howard C. Herrmann

1:16 PM Panel Discussion

1:20 PM Role of Heart Failure Specialist in the Post COAPT World
Lecturer: JoAnn Lindenfeld

1:26 PM Panel Discussion

1:30 PM Adjourn

CONTEMPORARY CONSIDERATIONS FOR HEMODYNAMICS

Contemporary Considerations for Hemodynamics
**Superior, Meeting Level 2**

**8:00 am - 10:00 am**

**Contemporary Considerations for Hemodynamics**

*Training Pavilion Faculty: João L. Cavalcante, Michael J. Reardon, Steven J. Yakubov*

- 8:00 am  
  Introduction
- 8:05 am  
  Current Data Review
- 8:25 am  
  Hemodynamic Outcomes and Impact on Health Economics
- 8:55 am  
  Interactive Case Reviews and Panel Discussion
- 9:55 am  
  Adjourn

---

**Mayfair, Meeting Level 2**

**TAVR in Bicuspid Aortic Valves**

*Training Pavilion Faculty: Danny Dvir, Basel Ramlawi*

- 10:30 am  
  Introduction
- 10:35 am  
  Overview of Bicuspid Aortic Valve Disease State
- 11:30 am  
  Hands on Training Stations Round I

---

**Trans-Septal Hands-On Training Program**

*Training Pavilion Faculty: Colin M. Barker, Paul D. Mahoney*

- 10:30 am  
  Welcome Remarks
- 10:35 am  
  Interventional Pathobiology: Implications for Transseptal Crossing and Left Atrial Interventions
- 10:45 am  
  TEE Tutorial: Step by Step Technique and Imaging Interpretation
- 10:50 am  
  Step by Step Trans Septal Technique Basic Steps Interventional Tools and Complication Management
- 11:10 am  
  Hands on Training Stations Round I

---

**FRIDAY, JUNE 14, 2019**

**8:00 am - 10:00 am**

**Trans-Septal Hands-On Training Program**

*Training Pavilion Faculty: Martin B. Leon*

- 8:00 am  
  Rotation I: Imaging  
  10 Minutes  
  Case Presenter: Martin B. Leon
- 8:50 am  
  Rotation II: Heartworks  
  10 Minutes  
  Case Presenter: Martin B. Leon
- 9:00 am  
  Rotation III: Devices Needles Wires and Sheaths  
  10 Minutes  
  Case Presenter: Martin B. Leon
- 9:10 am  
  Rotation IV: Trans Septal Technique I: Bench Top Wet Model  
  10 Minutes  
  Case Presenter: Martin B. Leon

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  10 Minutes  
  Case Presenter: Martin B. Leon
### MAIN ARENA DAY 3: SATURDAY MORNING, JUNE 15TH

**Main Arena Day 3: Saturday Morning, June 15th**

**SATURDAY, JUNE 15, 2019**

8:00 AM - 11:58 AM
Sheraton Chicago Ballroom IV-VII

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
</table>
| 8:00 AM | Live Cases #17 – #18: LAAC/PFO
Live Case Moderators: Saibal Kar, Megan Coylewright, Sameer Gafoor, Nadira Hamid, Reda Ibrahim, Fabian Nietlispach, Brij Maini, Sanjiv Shah, Nicolas M. Van Mieghem |
| 8:00 AM | Live Case 17: CardioVascular Center Frankfurt CVC LAAC
Live Case Operator: Horst Sievert |
| 8:30 AM | Live Case 18: CardioVascular Center Frankfurt CVC PFO
Live Case Operator: Horst Sievert |

**9:00 AM - 10:00 AM**
**Heart Failure and Structural Heart Disease: A Central Role and an Exciting Future**
Moderators: JoAnn Lindenfeld, Clyde W. Yancy
Discussants: Kendra J. Grubb, Azeem Latib, Martin B. Leon, Brian R. Lindman, Philipp Lurz, Mark Reisman, Josep Rodés-Cabau, Sanjiv Shah, Nicolas M. Van Mieghem

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<thead>
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</table>
| 9:00 AM | Understanding Heart Failure and Ventricular Mechanics in Valvular Heart Disease
Lecturer: Clyde W. Yancy |
| 9:10 AM | Discussion |
| 9:13 AM | Guideline Directed Medical Therapy for Heart Failure in Valvular Heart Disease: What EVERY Interventionalist Should Know
Lecturer: JoAnn Lindenfeld |
| 9:23 AM | Discussion |
| 9:26 AM | Transcatheter Subannular Remodeling for HFrEF: Early ANCORA Experiences
Lecturer: Mark Reisman |
| 9:36 AM | Discussion |
| 9:39 AM | Transcatheter Left Atrial Decompression Therapies: Early Results and Ongoing Pivotal Trials
9:39 AM Corvia for HFpEF REDUCE LAP II
Lecturer: Sanjiv Shah |
| 9:47 AM | V Wave for HFpEF and HFpEF
Lecturer: Josep Rodés-Cabau |

### LEFT ATRIAL APPENDAGE CLOSURE: ADVANCED IMPLANTER PERSPECTIVES

**Left Atrial Appendage Closure: Advanced Implanter Perspectives**

**FRIDAY, JUNE 14, 2019**
2:00 PM - 4:00 PM
Mayfair, Meeting Level 2

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>2:00 PM</td>
<td>Watchman Implant Overview Implant Techniques Challenging Anatomy</td>
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<tr>
<td>2:45 PM</td>
<td>Watchman Imaging and Case Reviews</td>
</tr>
<tr>
<td>3:30 PM</td>
<td>The Future of LAAC</td>
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<tr>
<td>3:50 PM</td>
<td>Discussion</td>
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### TAVR: AN INTERACTIVE EXPERIENCE WITH SENTINEL CPS

**TAVR: An Interactive Experience with Sentinel CPS**

**FRIDAY, JUNE 14, 2019**
4:30 PM - 6:30 PM
Mayfair, Meeting Level 2

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>4:30 PM</td>
<td>Product Overview Data QA</td>
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<tr>
<td>4:50 PM</td>
<td>Case Review</td>
</tr>
<tr>
<td>5:00 PM</td>
<td>Hands on Rotations</td>
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**SATURDAY, JUNE 15, 2019**