TCT INNOVATION I GLOBAL PERSPECTIVES IN MEDTECH AND EMERGING TECHNOLOGICAL TRENDS

TCT Innovation I Global Perspectives in MedTech and Emerging Technological Trends

Innovation

WEDNESDAY, SEPTEMBER 25, 2019
8:00 AM - 12:00 AM
Innovation & Keynote Theater

8:00 AM - 9:20 AM
Global Perspectives in MedTech Innovation I

8:00 AM Session I: Challenges and Opportunities in MedTech Innovation
Moderators: Mark A. Turco
Moderators: Mark A. Turco
Discussants: Andrew Cleeland, Laura Mauri, Ian T. Meredith, Julio C. Palmaz, Campbell Rogers, Paul G. Yock
8:00 AM The Evolution of the MedTech Industry
8:28 AM The Globalization of MedTech Innovation

8:54 AM Value Based Health Care Delivery

8:54 AM Value Based Health Care: Reflections on a Frequently Quoted but Poorly Validated Concept
Lecturer: Laura Mauri

9:02 AM It is all About the Data Importance of Digital Intelligence in the Development of Useful Predictive Models
Lecturer: Campbell Rogers

9:10 AM Moderated Panel Discussion
Lecturer: Campbell Rogers

9:20 AM - 12:00 PM
Emerging Technological Trends I

9:20 AM Session II: Intravascular Imaging and Physiologic Lesion Assessment
Moderators: Niels R. Holm, Evelyn Regar
Moderators: Niels R. Holm, Evelyn Regar
Discussants: Daniel S. Berman, Hector M. Garcia-Garcia, Paul J.L. Ong, Natalia Pinilla-Echeverri, Bo Xu
9:20 AM Keynote Lecture: Invasive Coronary Lesion Assessment: Remaining Needs and Opportunities Justin Davies
Lecturer: Justin E. Davies

9:28 AM Featured Technological Trends

10:03 AM Session III: Advanced Cardiac Imaging and Procedural Guidance

10:03 AM Keynote Lecture: Advanced Cardiac Imaging for Procedural Planning and Guidance: Making the Complex Look Simple
Lecturer: Patrick W. Serruys

10:12 AM Featured Technological Trends
Lecturer: Patrick W. Serruys

10:40 AM Session IV: Cath Lab of the Future I: Intelligent Interfaces ARVR Robotics and Tele Manipulation
Moderators: Jean FAJADET, Ran Kornowski
Moderators: Jean FAJADET, Ran Kornowski
Discussants: Arif Al Nooryani, Philipp Blanke, Elchanan Bruckheimer, James K. Min, Jagat Narula, Giora Weisz

10:48 AM Featured Technological Trends
Lecturer: Louis Aaron Cannon

11:23 AM Session V: Cath Lab of the Future II: Radiation Protection Technologies
Moderators: Mirvat Alasnag, Gerald S. Werner
Moderators: Mirvat Alasnag, Gerald S. Werner
Discussants: Habib Gamra, Ryan D. Madder, Milan I. Vidovich, Asfar G. Zaman

11:30 AM Featured Technological Trends
Lecturer: Lloyd W. Klein

TCT INNOVATION II. EMERGING TECHNOLOGICAL TRENDS II

TCT Innovation II. Emerging Technological Trends II

Innovation

WEDNESDAY, SEPTEMBER 25, 2019
2:00 PM - 5:00 PM
Innovation & Keynote Theater

2:00 PM - 2:40 PM
Session VI: Cath-Lab of the Future III: Robotics in Cardiovascular Interventional Medicine
2:00 AM  Facing the Realities of Medical Robotics: Validation Training and Approval Pathways  
Lecturer: Jean Bismuth

2:08 AM  Tele Robotics in Stroke and AMI Intervention: Afar is Not Far Reaching Anymore  
Lecturer: Louis Aaron Cannon

2:16 AM  Moderated Panel Discussion

2:24 AM  Keynote Lecture: Robotics in Interventional CV Procedures: Lessons Learned from the Surgical Field  
Lecturer: Fred Moll

2:32 AM  Impact of Artificial Intelligence and Advanced Imaging Integration in Robotic System Development and Clinical Integration

2:40 PM - 3:15 PM  Session VII: The Structural Heart Revolution I: Aortic Valve Intervention and Ancillary Solutions I  

2:40 PM  Featured Technological Trends

3:01 PM  A New Device to Secure and Optimize Trans Aortic Valve Interventions THV And Complex PCI Electroducer  
Lecturer: Benjamin Faurie

3:15 PM - 3:57 PM  Session VIII: The Structural Heart Revolution II: Aortic Valve Intervention and Ancillary Solutions II

3:15 PM  Single Piece 3D Aortic Valve Leaflet Architecture: A Novel Approach to the Development of Highly Durable TAVR Device Admedus  
Lecturer: Kiran Bhariangi

3:22 PM  Foldax Tria: First In Human Implant of a Totally Synthetic Polymeric Aortic Valve  
Lecturer: Steven J. Yakubov

3:29 PM  Total Embolic Protection: The Emboliner Embolic Protection Catheter Early Clinical Results  
Lecturer: Scott Russell

3:36 PM  A Novel Designed Temporary Disposable Pacing Catheter That Can Be Deployed Swiftly to Sense and Pace the Atrium and Ventricle in Dual Chamber Synchrony  
Lecturer: Christian Marin y Kall

3:43 PM  Extracardiac Pacing: An Entirely Novel Approach to TAVR related Arrhythmias and Beyond AtacorCorvita

3:57 PM  Featured Technological Trends

4:32 PM - 5:00 PM  Session X: The Structural Heart Revolution IV: Other SHD Technologies

4:32 PM  Second Generation LAA Occlusion: Single Size and Conforming to a Broad Range of Anatomies Conformal Medical  
Lecturer: William A. Gray

4:39 PM  A Dedicated Paravalvular Leak Occluder Device with Patient Customization Possibility  
Lecturer: Wojtek Wojakowski

4:46 PM  HCM Using Transcutaneous RF Ablation of The Basal Septum: The Liwen Procedure  
Lecturer: Liwen Liu

4:53 PM  Moderated Panel Discussion

TCT ENDOVASCULAR: AN ALLIANCE PARTNER WITH THE VEITH SYMPOSIUM

TCT Endovascular: An Alliance Partner with the Veith Symposium

Vascular

WEDNESDAY, SEPTEMBER 25, 2019

8:00 AM - 6:00 PM  Room 156/158

8:00 AM - 9:58 AM  Session I: CTO Crossing — State of the Art  
Moderators: Michael R. Jaff, Sahil A. Parikh  Discussants: Gary M. Ansel, Tony Das, Jun Li, D. Christopher Metzger, Jihad A. Mustapha, Peter A. Schneider
8:00 am  Identifying Unmet Needs in Peripheral CTO: Cases From the Field  
Lecturer: Ehrin J. Armstrong

8:08 am  Roundtable Discussion With Audience QA

8:13 am  Development of Peripheral CTO Algorithms  
Lecturer: Subhash Banerjee

8:23 am  Aorto Iliac CTO Crossing: Antegrade Retrograde and Re Entry  
Lecturer: Steve Henao

8:33 am  Common Femoral CTO: Knives Needles or Both  
Lecturer: Bryan T. Fisher

8:43 am  EVUS Guidance for CTO Crossing  
Lecturer: Mohammad Mehdi Ansari

8:53 am  Roundtable Discussion With Audience QA

9:08 am  CTO Crossing 1: Case Examples of Wire Escalation  
Case Presenter: Brian G. DeRubertis

9:18 am  CTO Crossing 2: Case Examples of Dedicated Devices  
Case Presenter: George L. Adams

9:28 am  CTO Crossing 3: Case Examples of Antegrade Access and Closure  
Case Presenter: Craig M. Walker

9:38 am  CTO Crossing 4: Case Examples Retrograde Access and Closure  
Case Presenter: Tak W. Kwan

9:48 am  CTO Crossing 5: Case Examples of Below the Ankle Access and Pedal Loop Reconstruction  
Case Presenter: Mariano Palena

9:58 am - 12:02 pm  Session II: Revascularization Strategies in CLI — State of the Art  
Moderators: Andrew Bradbury  
Discussants: Danielle Bajakian, Bryan T. Fisher, Prakash Krishnan, Mariano Palena, Bret N. Wiechmann

11:09 am  CLI Diagnostics and Real Time Guidance: Whats New in 2019  
Case Presenter: Matthew T. Menard

11:17 am  Roundtable Discussion With Audience QA

11:32 am  Complex CLI Case Review 1: My Best Case From the Last Year  
Case Presenter: Bret N. Wiechmann

11:42 am  Complex CLI Case Review 2: My Toughest Case From the Last Year  
Case Presenter: Peter A. Soukas

11:52 am  Complex CLI Case Review 3: What Is Possible in the OBL  
Case Presenter: Eric J. Dippel

12:02 pm - 1:10 pm  Session III: Symposium on Peripheral Drug-Eluting Technologies  
Moderators: Juan F. Granada, Sahil A. Parikh  

12:02 pm  An Unforeseen Setback: Practicing in the 1990s Again  
Lecturer: Michael R. Jaff

12:10 pm  Drug Eluting Devices: Summary Level Meta Analysis  
Lecturer: Konstantinos Katsanos

12:22 pm  New Data Regarding Drug Eluting Technologies

12:32 pm  FDA Perspective and Revised Guidance  
Lecturer: Donna Buckley

12:40 pm  Industry Perspective on Drug Eluting Technologies Guidance  
Lecturer: Jason R. Weidman

12:48 pm  Roundtable Discussion With Audience QA

1:10 pm - 2:44 pm  Session IV: TCT/VEITH Lower Extremity Session  
Moderators: Enrico Ascher, Frank J. Veith  
Discussants: Gary M. Ansel, Marianne Brodmann, Kenneth Ouriel, Andrej Schmidt, Peter A. Schneider, Craig M. Walker

1:10 pm  Fusion Imaging Techniques for Iliac and Lower Extremity Procedures: Reducing Radiation Exposure and Contrast Material and Providing Better Guidance  
Lecturer: Yann Goueffic

1:16 pm  Primary and Secondary Repairs of Popliteal Aneurysms Using Duplex Guidance Alone: Technique and Results  
Lecturer: Enrico Ascher

1:22 pm  Is the Supera Interwoven Stent Better Than Other Stents and Open Endarterectomy for Common Femoral Lesions  
Lecturer: Lawrence A. Garcia

1:28 pm  Distal Embolic Protections Are Expensive and Have Inherent Risks: When Are They Absolutely Necessary  
Lecturer: Peter A. Schneider

1:34 pm  A Comparison of Multiple Short Stents With Long Stents for Femoral Popliteal Lesions: Results of the LCOMOTIVE Trial of VascuFlex System From B. Braun  
Lecturer: Thomas Zeller

1:40 pm  The Value of Local Anesthesia in the Adventitia of Arteries During Interventions: How and When to Do It
Lecturer: Andrej Schmidt
1:46 PM Roundtable Discussion With Audience QA

1:54 PM DCBs for Infraginguinal Arterial Occlusive Disease With or Without Adjunctive Techniques Are Better Than Primary Stenting
Lecturer: Brian G. DeRubertis

2:00 PM The 10 Endo Strategies I Use to Succeed in Repairing the Most Complex Lesions in the Lower Extremity Arterial Bed
Lecturer: Dierk Scheinert

2:06 PM Updates and Technique of Percutaneous Transvenous Arterial Femoral Popliteal Bypass Procedure
Lecturer: Jihad A. Mustapha

2:12 PM Hybrid Venous Arterialization: Patient Selection and Techniques
Lecturer: Matthew T. Menard

2:18 PM The 10 Endo Strategies I Use to Succeed in Repairing the Most Complex Lesions in the Lower Extremity Arterial Bed
Lecturer: Dierk Scheinert

2:24 PM DCBs for Infraginguinal Arterial Occlusive Disease With or Without Adjunctive Techniques Are Better Than Primary Stenting
Lecturer: Brian G. DeRubertis

2:30 PM Newest Stem Cell Therapies are Effective in Treating Lower Extremity Ischemia
Lecturer: Marianne Brodmann

2:36 PM Roundtable Discussion With Audience QA

2:44 PM - 4:50 PM
Session V: Calcium, Debulking, and Vessel Preparation
Moderators: Ehrin J. Armstrong, Robert A. LooksteinDiscussants: Mohammad Mehdi Ansari, Robert Earl Beasley, MD, FSIR, FSCAI, George S. Chrysant, Philip Green, Beau Hawkins, Andrew J. Klein

2:44 PM Severe Calcification: Definitions and Outcomes
Lecturer: Jeffrey J. Popma

2:54 PM This Vessel Is a Rock: Extreme Calcification Case Examples
Case Presenter: Andrej Schmidt

3:04 PM Debunking Strategies Above the Knee: Cut Spin Vaporize When and Which Technique
Lecturer: Ehrin J. Armstrong

3:14 PM Intravascular Lithotripsy for Calcium: When Does It Work With Case Examples
Case Presenter: Peter A. Soukas

3:22 PM Below Knee Debulking Options: Case Examples of When I Wish I Had and Hadnt Used It
Case Presenter: George L. Adams

3:30 PM Where Have All the Scaffolds Gone and Will They Come Back
Lecturer: Sahil A. Parikh

3:38 PM Specialty Balloons in Calcium: Do They Work And if so When
Lecturer: Mahmood K. Razavi

3:46 PM Roundtable Discussion With Audience QA

3:54 PM Taking the Scenic Route: PQ Bypass for Extreme SFA Lesions
Lecturer: Ehrin J. Armstrong

4:02 PM Imaging for Calcium: Does It Make a Difference With Case Examples
Case Presenter: Fabrizio Fanelli

4:10 PM Optimal BTK POBA: Is There Science to the Art
Lecturer: Khusrow Niazi

4:18 PM In Stent Restenosis: How Does Atherectomy Figure in These Cases
Case Presenter: Nicolas W. Shammas

4:26 PM Debate: Atherectomy in Noncalcified Lesions Improves Outcomes
Lecturer: John Winscott

4:34 PM Debate: Atherectomy in Noncalcified Lesions Does Not Improve Outcomes
Lecturer: Christopher J. White

4:42 PM Roundtable Discussion With Audience QA

4:50 PM - 6:00 PM
Session VI: Toughest Cases of the Year
Moderators: Brian G. DeRubertis, Dierk ScheinertDiscussants: Ehrin J. Armstrong, J. Michael Bacharach, Robert Earl Beasley, MD, FSIR, FSCAI, Osamu Iida, Matthew T. Menard, Rahul S. Patel

4:50 PM My Toughest SFA Case of the Year
Case Presenter: Andrej Schmidt

5:00 PM My Toughest BTK Case of the Year
Case Presenter: Thomas Zeller

5:10 PM My Toughest Hybrid Case of the Year
Case Presenter: Bryan T. Fisher

5:20 PM My Toughest CLI Case of the Year
Case Presenter: Marco Monzi

5:30 PM My Toughest Alternative Access Case of the Year
Case Presenter: Robert A. Lookstein

5:40 PM My Worst Complication of the Year
Case Presenter: Peter A. Soukas

5:50 PM The TCTVEITH Alliance Partnership and TCT 2019 Endovascular: Final Thoughts
Lecturer: Sahil A. Parikh, Frank J. Veith

CARDIOVASCULAR PROFESSIONALS (CVP)

COURSE: 28TH ANNUAL CARDIOVASCULAR NURSE AND TECHNOLOGIST SYMPOSIUM

WEDNESDAY, SEPTEMBER 25, 2019
8:00 am - 6:00 pm
Room 152/154

8:00 am - 11:00 am
RCIS Review Basic and Advanced Topics
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Lecturer/Topics</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 AM</td>
<td>Session I. RCIS Introductory Session</td>
<td>Cardiac Catheterization and PCI: Foundational Knowledge for the Cath Lab</td>
</tr>
<tr>
<td></td>
<td>Moderators: Jeff Davis, Tom Maloney</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Moderators: Jeff Davis, Tom MaloneyModerators: Jeff Davis, Tom Maloney</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Discussants: Horton J. Kern, Robert Kutys, Timothy J. Iapp</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Michael J. Lim, George W. Vetrovec</td>
<td></td>
</tr>
<tr>
<td>8:00 AM</td>
<td>Case Introduction: A Patient With Aypical Chest Pain and Shortness of</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Case Presenter: George W. Vetrovec</td>
<td></td>
</tr>
<tr>
<td>8:05 AM</td>
<td>Nursing Assessment of the Patient</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Lecturer: Patricia Keegan</td>
<td></td>
</tr>
<tr>
<td>8:10 AM</td>
<td>Right Heart Catheterization Anatomy and Hemodynamics Matched With Interactive Cadaver Heart Dissection</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Lecturer: Robert Kutys, Timothy J. Iapp</td>
<td></td>
</tr>
<tr>
<td>8:20 AM</td>
<td>Left Heart Catheterization Anatomy and Angiography Matched With Interactive Cadaver Heart Dissection</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Lecturer: Robert Kutys, George W. Vetrovec</td>
<td></td>
</tr>
<tr>
<td>8:30 AM</td>
<td>Devices and Imaging for PCI Wires Balloons</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Stents FF Imaging</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Lecturer: Morton J. Kern</td>
<td></td>
</tr>
<tr>
<td>8:45 AM</td>
<td>PCI Stent Deployment and Dilation</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Strategies and How I Diagnosed and Treated My Patient</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Lecturer: George W. Vetrovec</td>
<td></td>
</tr>
<tr>
<td>9:00 AM</td>
<td>Session II. RCIS Advanced Session: Interventional Hemodynamics of the Aortic Valve</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Moderators: Jeff Davis, Tom Maloney</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Moderators: Jeff Davis, Tom MaloneyModerators: Jeff Davis, Tom Maloney</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Discussants: Hemal Gado, Paul D. Mahoney, Tim R. Martin</td>
<td></td>
</tr>
<tr>
<td>9:00 AM</td>
<td>Case Introduction: Symptoms Suggestive of Aortic Stenosis</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Lecturer: George W. Vetrovec</td>
<td></td>
</tr>
<tr>
<td>9:05 AM</td>
<td>Fundamental Knowledge: Aortic Valve Anatomy With Interactive Cadaver Heart Dissection</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Lecturer: Robert Kutys, Tim R. Martin</td>
<td></td>
</tr>
<tr>
<td>9:20 AM</td>
<td>Hemodynamics of Aortic Stenosis and Valve Calculations</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Lecturer: Jeff Davis</td>
<td></td>
</tr>
<tr>
<td>9:35 AM</td>
<td>Interpretation of Hemodynamic CT and Echo Data for TAVR Clinical Decision Making</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Lecturer: Paul D. Mahoney</td>
<td></td>
</tr>
<tr>
<td>9:50 AM</td>
<td>Transcatheter Aortic Valve Replacement and How I Treated my Patient</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Lecturer: Paul D. Mahoney</td>
<td></td>
</tr>
<tr>
<td>10:00 AM</td>
<td>Session III. RCIS Advanced Session: Interventional Hemodynamics of the Mitral and Tricuspid Valve</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Moderators: Jeff Davis, Tom Maloney</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Moderators: Jeff Davis, Tom MaloneyModerators: Jeff Davis, Tom Maloney</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Discussants: Martina Kelly Kelly Speight, Brij Maini, Tim R. Martin</td>
<td></td>
</tr>
<tr>
<td>10:00 AM</td>
<td>Case Introduction: Symptoms Suggestive of Mitral Regurgitation</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Lecturer: Paul D. Mahoney</td>
<td></td>
</tr>
<tr>
<td>10:05 AM</td>
<td>Fundamental Knowledge: Mitral and Tricuspid Valve Anatomy With Interactive Cadaver Heart Dissection</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Lecturer: Robert Kutys</td>
<td></td>
</tr>
<tr>
<td>10:20 AM</td>
<td>Hemodynamics of Mitral and Tricuspid Regurgitation</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Lecturer: Tim R. Martin</td>
<td></td>
</tr>
<tr>
<td>10:35 AM</td>
<td>Interpretation of Hemodynamic and Echo Data for TMVR Clinical Decision Making</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Lecturer: Tim R. Martin</td>
<td></td>
</tr>
<tr>
<td>10:50 AM</td>
<td>Transcatheter Mitral Valve Repair and Replacement and How I Treated my Patient</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Lecturer: Tim R. Martin</td>
<td></td>
</tr>
<tr>
<td>11:00 AM</td>
<td>Comprehensive Interventional Practice: Case-Based Learning</td>
<td></td>
</tr>
<tr>
<td>11:00 AM</td>
<td>Session I. Coronary Hot Topics</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Moderators: Amisha Patel, Vivian Tamara</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Moderators: Amisha Patel, Vivian TamaraModerators: Amisha Patel, Vivian Tamara</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Discussants: Darshan Doshi, Khady Fall, Michelle Lindquist, Amirali Masoumi</td>
<td></td>
</tr>
<tr>
<td>11:00 AM</td>
<td>Introduction by Moderator</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Lecturer: Amisha Patel</td>
<td></td>
</tr>
<tr>
<td>11:05 AM</td>
<td>How To Get a Cath Room Ready For a Complex PCI</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Lecturer: Michelle Lindquist</td>
<td></td>
</tr>
<tr>
<td>11:15 AM</td>
<td>How to Decide on Hemodynamic Support Based on the Right Heart Cath Numbers</td>
<td></td>
</tr>
<tr>
<td></td>
<td>What Does Syntax Score Mean</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Lecturer: Amirali Masoumi</td>
<td></td>
</tr>
<tr>
<td>11:20 AM</td>
<td>How IVUS Impacts Decision Making in PCI</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Lecturer: Khady Fall</td>
<td></td>
</tr>
<tr>
<td>11:30 AM</td>
<td>What is DK Crush and How Did We Get the Coronaries Ready for Stenting</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Lecturer: Darshan Doshi</td>
<td></td>
</tr>
<tr>
<td>11:40 AM</td>
<td>Post Procedure Assessment of a Complex PCI</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Lecturer: Michelle Lindquist</td>
<td></td>
</tr>
<tr>
<td>11:45 AM</td>
<td>Roundtable Discussion With Audience QA</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Lecturer: Michelle Lindquist</td>
<td></td>
</tr>
<tr>
<td>11:45 AM</td>
<td>Session II. Structural Hot Topics</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Moderators: Marian C. Hawkey, Ashley Koppenheffer</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Moderators: Marian C. Hawkey, Ashley KoppenhefferModerators: Marian C. Hawkey, Ashley Koppenheffer</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Discussants: Elizabeth M. Perpetua, Christina Tan, Janet Fredal Wyman</td>
<td></td>
</tr>
<tr>
<td>11:45 AM</td>
<td>COAPT Partner 2 and Evolut Low Risk Trial Synopsis and What They Mean Moving Forward</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Lecturer: Elizabeth M. Perpetua</td>
<td></td>
</tr>
<tr>
<td>11:55 AM</td>
<td>Case Presentation: Complex Structural Heart Intervention With Multiple Valves and Hemodynamic Support</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Lecturer: Elizabeth M. Perpetua</td>
<td></td>
</tr>
<tr>
<td>12:10 AM</td>
<td>Novel Access Routes for Structural Heart Intervention: Transcarotid Transcaval Transaxillary Etc.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Lecturer: Janet Fredal Wyman</td>
<td></td>
</tr>
<tr>
<td>12:20 AM</td>
<td>Upcoming Therapies: Accucinch TMVR Tricuspid Clips Vena Cava Valves for Tricuspid Disease</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Lecturer: Russell A. Brandwein</td>
<td></td>
</tr>
<tr>
<td>12:30 AM</td>
<td>Session III. Peripheral Hot Topics</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Moderators: Michelle Maier, Sahil A. Parikh</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Moderators: Michelle Maier, Sahil A. ParikhModerators: Michelle Maier, Sahil A. Parikh</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Discussants: Philip Green, Jihad A. Mustapha, Sanjum S. Sethi</td>
<td></td>
</tr>
<tr>
<td>12:30 AM</td>
<td>An Introduction to Critical Limb Ischemia</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Lecturer: Sahil A. Parikh</td>
<td></td>
</tr>
<tr>
<td>12:35 AM</td>
<td>What Are My Options to Treat CLI</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Lecturer: Philip Green</td>
<td></td>
</tr>
</tbody>
</table>
COLLABORATORS IN TAVR: A MEDTRONIC COURSE IN COLLABORATION WITH CRF FOR NEW TO TAVR HEART TEAMS

Collaborators In TAVR: A Medtronic Course in Collaboration With Crf for New to TAVR Heart Teams

WEDNESDAY, SEPTEMBER 25, 2019
7:15 AM - 5:00 PM
Room 155/157

7:15 AM - 8:00 AM
Registration & Continental Breakfast

8:00 AM - 8:20 AM
Your Partners in TAVR: An Extension of the Heart Team
Chair: Martin B. Leon, Jeffrey J. Popma
8:00 AM
Keynote Speaker: The Aortic Stenosis AS Journey
Lecturer: Robert O. Bonow

8:20 AM - 10:35 AM
The Foundation of TAVR
Moderator: Michael J. Reardon
8:20 AM
The TAVR Journey: How Did We Get Here
Moderators: A. Pieter Kappetein
Lecturer: A. Pieter Kappetein
Discussants: Martin B. Leon, Michael J. Mack, Jeffrey J. Popma, Michael J. Reardon
8:40 AM
The Clinical Evidence: Extreme to Low Risk Patients
Lecturer: Michael J. Reardon
8:45 AM
Therapy Choice of TAVR vs. SAVR
Lecturer: Kendra J. Grubb
8:55 AM
Shared Decision Making
Lecturer: Megan Coylewright
9:05 AM
The Technology Evolut System Overview Performance
Lecturer: Michael Caskey
9:20 AM
Treatment of AS across the Spectrum of Risk
9:30 AM
The Patient Profile: Case Selection the Importance of Multi Modality Imaging
Lecturer: Dee Dee Wang
9:45 AM
CAD and AS: Implications for Therapy Selection
Lecturer: Harold L. Dauerman
10:00 AM
Break
10:15 AM
The Heart Team in Action Case Presentation

10:35 AM - 12:15 PM
Building Your TAVR Program
Moderator: Kim Guibone
10:35 AM
NCD Requirements and how to meet them
Lecturer: Joan Michaels
10:50 AM
Starting a New TAVR Center: Experiences From New and Not so New Start Ups Perspectives from Heart Team Physicians and Valve Program Coordinators VPCs
Discussant: Kimberly Atianzar, Brooke Everett, Sandeep Patel, Basel Ramlawi
10:50 AM
Obtaining Effective Support for Your New Program
Lecturer: George D. Dangas
11:00 AM
Panel Discussion
Lecturer: George D. Dangas
11:05 AM
Pulling Together the Heart Valve Team and The Importance of a VPC
Lecturer: Guilherme Attizzani, Angela Davis
11:15 AM
Panel Discussion
Lecturer: Guilherme Attizzani, Angela Davis
### Structure Workflow for Valve Clinic
Lecturer: Kristin Pasquarello

12:15 PM - 1:00 PM  
Lunch

1:00 PM - 2:30 PM  
Maintaining and Accelerating Your Program - Part 1: Logistics  
Moderator: Jeffrey J. Popma

1:00 PM  The Financial Implications of a TAVR program: A Primer on Healthcare Economics Reimbursement  
Lecturer: Hemal Gada

1:15 PM  Partnering With Your Hospital Administration: An Extended and Essential Member of the Heart Team  
Lecturer: Carrie Redick

1:30 PM  Patient Access Strategies  
1:30 PM  Market Analysis  
Lecturer: Greta Robb

1:35 PM  Identifying Referral Sources  
Lecturer: Thom Dahle

1:43 PM  Outreach Programs  
Lecturer: Daniel O’Hair

1:50 PM  Echo Alert  
Lecturer: Hemal Gada

1:58 PM  MarketingMedia Opportunities  
Lecturer: Michaela Mueller

2:00 PM  Creating Efficiencies in the Clinical Care Pathway  
Lecturer: Kristin Pasquarello

2:15 PM  Lessons Learned: A Roundtable Discussion Perspectives From the Full Extended Heart Team of Successful Experienced Programs  
Discussant: David Jones, Omar K. Khalique, Paul D. Mahoney, Carrie Redick

2:30 PM - 2:45 PM  
Break

2:45 PM - 5:00 PM  
Maintaining and Accelerating Your Program: Part 2 - Acquiring Advanced Skills  
Moderator: Paul D. Mahoney

---

**ABCS OF INTERVENTIONAL CARDIOLOGY**

**ABCs of Interventional Cardiology**

**WEDNESDAY, SEPTEMBER 25, 2019**

8:00 AM - 12:00 PM
Room 209-210

**8:00 AM - 9:15 AM**  
**Session I: Basics of Cardiac Anatomy and Angiography**  
Moderators: George D. Dangas, John M. LasalaDiscussants: Hemal Gada, Alexandra J. Lansky, Verghese Mathew, Miodrag C. Ostojic, Ross Prpic

8:00 AM  Overview of Cardiac Valvular and Coronary Anatomy  
Lecturer: Vijay Kunadian
<table>
<thead>
<tr>
<th>Time</th>
<th>Session Description</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:10</td>
<td>Roundtable Discussion With Audience QA</td>
<td></td>
</tr>
<tr>
<td>8:13</td>
<td>Vascular Access Routes Complications and Vascular Rescue</td>
<td>Jose M. Wiley</td>
</tr>
<tr>
<td>8:23</td>
<td>Case Example: Complication Related to Vascular Access</td>
<td>Amit Kakkar</td>
</tr>
<tr>
<td>8:28</td>
<td>Roundtable Discussion With Audience QA</td>
<td></td>
</tr>
<tr>
<td>8:31</td>
<td>Basics of Coronary Angiography: Setup Views and Equipment</td>
<td>Verghese Mathew</td>
</tr>
<tr>
<td>8:41</td>
<td>Roundtable Discussion With Audience QA</td>
<td></td>
</tr>
<tr>
<td>8:44</td>
<td>Intravascular Imaging: Core Concepts of IVUS OCT NIRS and More</td>
<td>Rishi Puri</td>
</tr>
<tr>
<td>8:54</td>
<td>Roundtable Discussion With Audience QA</td>
<td></td>
</tr>
<tr>
<td>8:57</td>
<td>Right and Left Heart Failure: Hemodynamic Support Options</td>
<td>John M. Lasala</td>
</tr>
<tr>
<td>9:07</td>
<td>Case Example: LV Support RV Support or Both</td>
<td>Amit Kakkar</td>
</tr>
<tr>
<td>9:12</td>
<td>Roundtable Discussion With Audience QA</td>
<td></td>
</tr>
<tr>
<td>9:15</td>
<td>Session II: Overview of Cardiovascular Disease and Treatment</td>
<td>Joseph P. Carrozza Jr, Morton J. Kern, David A. Cox, Vasim Farooq, Aloke Finn, Afolow Rahman, Elias Sanidas</td>
</tr>
<tr>
<td>9:15</td>
<td>Arterial and Venous Graft Disease: The Science and Art of Graft Interventions</td>
<td>Gregory Barsness</td>
</tr>
<tr>
<td>9:25</td>
<td>Roundtable Discussion With Audience QA</td>
<td></td>
</tr>
<tr>
<td>9:28</td>
<td>Coronary Physiology: FFR iFR and Other Resting Indices</td>
<td>Allen Jeremias</td>
</tr>
<tr>
<td>9:38</td>
<td>Roundtable Discussion With Audience QA</td>
<td></td>
</tr>
<tr>
<td>9:41</td>
<td>Acute Coronary Syndromes: Treatment of NSTE ACS and STEMI</td>
<td>Gregory W. Serrao</td>
</tr>
<tr>
<td>9:51</td>
<td>Case Example: A Complex STEMI</td>
<td>Bimmer E. Claessen</td>
</tr>
<tr>
<td>9:56</td>
<td>Roundtable Discussion With Audience QA</td>
<td></td>
</tr>
<tr>
<td>9:59</td>
<td>Left Main and Bifurcation Interventions</td>
<td>Ehtisham Mahmud</td>
</tr>
<tr>
<td>10:09</td>
<td>Case Example: A Complex Left Main Bifurcation</td>
<td>Gennaro Giustino</td>
</tr>
<tr>
<td>10:14</td>
<td>Roundtable Discussion With Audience QA</td>
<td></td>
</tr>
<tr>
<td>10:17</td>
<td>Contemporary AntiplateletAnticoagulation Therapy Post PCI</td>
<td>Sorin J. Brener</td>
</tr>
<tr>
<td>10:27</td>
<td>Roundtable Discussion With Audience QA</td>
<td></td>
</tr>
<tr>
<td>10:30</td>
<td>Session III: Introduction to PCI and Valve Disease Interventions</td>
<td>Gennaro Sardella, Jose M. Wiley, Peter Barlis, Larry S. Dean, Andrew Michael Goldsweig, Elvin Kedhi, Anthony L. Pucillo, Hadley Wilson</td>
</tr>
<tr>
<td>10:30</td>
<td>Drug Eluting Stent Platforms and Outcomes 2019</td>
<td>Roberto DiLetti</td>
</tr>
<tr>
<td>10:40</td>
<td>Case Example: Complex DES With Long Term Outcomes</td>
<td>Anita Paggi</td>
</tr>
<tr>
<td>10:45</td>
<td>Roundtable Discussion With Audience QA</td>
<td></td>
</tr>
<tr>
<td>10:48</td>
<td>Drug Eluting Stent Thrombosis and Restenosis: Mechanisms Frequency and Treatment</td>
<td>Binita Shah</td>
</tr>
<tr>
<td>10:58</td>
<td>Case Example: Contemporary DES Thrombosis</td>
<td>Amir Darki</td>
</tr>
<tr>
<td>11:03</td>
<td>Roundtable Discussion With Audience QA</td>
<td></td>
</tr>
<tr>
<td>11:06</td>
<td>Lesion Preparation/Modification Devices</td>
<td>Robert T. Pyo</td>
</tr>
<tr>
<td>11:16</td>
<td>Case Example: When Lesion Preparation is Suboptimal</td>
<td>Maximo Mancone</td>
</tr>
<tr>
<td>11:21</td>
<td>Roundtable Discussion With Audience QA</td>
<td></td>
</tr>
<tr>
<td>11:24</td>
<td>TAVR: Indications and New Applications</td>
<td>Pedro Cox-Alomar</td>
</tr>
<tr>
<td>11:34</td>
<td>Case Example: TAVR for Bicuspid Aortic Stenosis</td>
<td>Pedro A. Villablanca</td>
</tr>
<tr>
<td>11:39</td>
<td>Roundtable Discussion With Audience QA</td>
<td></td>
</tr>
<tr>
<td>11:42</td>
<td>Percutaneous Mitral Valve Repair and Replacement</td>
<td>Pranav Loyalka</td>
</tr>
<tr>
<td>11:52</td>
<td>Case Example: A Not So Straightforward MitraClip</td>
<td>Mackram F. Eleid</td>
</tr>
<tr>
<td>11:57</td>
<td>Roundtable Discussion With Audience QA</td>
<td></td>
</tr>
</tbody>
</table>

**THE BEST OF INTERVENTION FROM EUROPE: COMPLEX CORONARY AND STRUCTURAL HEART INTERVENTIONS**

**The Best of Intervention from Europe: Complex Coronary and Structural Heart Interventions**

**WEDNESDAY, SEPTEMBER 25, 2019**

**Room 201-202**

**8:30 am - 10:30 am**

**8:30 am - 9:10 am**

**Session I: Advanced Coronary Interventions**

Moderators: Jeroen J. Bax, Stephan Windecker
Discussants: Adrian P. Banning, Antonio Colombo, Anthony H. Gershlick, Patrick W. Serruys, Marco Valgimigli
8:30 AMWill CTA Replace Invasive Coronary Angiography
Lecturer: Patrick W. Serruys

8:37 AMFFR IFR or QFR for Functional Assessment of Stenosis Severity
Lecturer: Giulio Stefanini

8:44 AMDrug Coated Balloons: State of the Art in the Face of Controversy
Lecturer: Antonio Colombo

8:51 AMAntithrombotic Therapy in PCI Patients With Atrial Fibrillation
Lecturer: Marco Valgimigli

8:58 AMRoundtable Discussion With Audience QA

9:10 AM - 9:50 AM
Session II: TAVR Certainties and Uncertainties
Moderators: Jeroen J. Bax, Stephan Windecker
Discussants: Ran Kornowski, Axel Linke, Corrado Tamburino, Didier Tchetche

9:10 AMHas TAVR Become the Default Therapy in Patients With Severe Aortic Stenosis
Lecturer: Lars Sondergaard

9:24 AMTAVR in Pure Aortic Regurgitation
Lecturer: Didier Tchetche

9:31 AMState of Cerebral Protection in Patients Undergoing TAVR
Lecturer: Axel Linke

9:38 AMRoundtable Discussion With Audience QA

9:50 AM - 10:30 AM
Session III: Mitral and Tricuspid Interventions
Moderators: Jeroen J. Bax, Stephan Windecker
Discussants: Jörg Hausleiter, Hüseyin Ince, Francesco Maisano, Lars Sondergaard, Nicolas M. Van Mieghem, Stephan Von Barderleben

9:50 AMHow to Select Patients With Secondary MR for Percutaneous Edge to Edge Repair
Lecturer: Jörg Hausleiter

9:57 AMWhich Patients With Primary MR Are Suitable for Percutaneous Edge to Edge Repair
Lecturer: Hüseyin Ince

10:04 AMTranscatheter Mitral Valve Repair: What Devices for Which Patient
Lecturer: Francesco Maisano

10:11 AMTricuspid Valve Repair: Current Status
Lecturer: Stephan Von Barderleben

10:18 AMRoundtable Discussion With Audience QA

THE BEST OF INTERVENTION FROM JAPAN: ADVANCED PCI TECHNIQUES, IMAGING AND PHYSIOLOGIC ASSESSMENT, ENDOVASCULAR INTERVENTION, AND STRUCTURAL HEART INTERVENTION

The Best of Intervention from Japan: Advanced PCI Techniques, Imaging and Physiologic Assessment, Endovascular Intervention, and Structural Heart Intervention
THE BEST OF INTERVENTION FROM CHINA

The Best of Intervention from China

WEDNESDAY, SEPTEMBER 25, 2019
10:45 AM - 12:45 PM
Room 201-202

10:45 AM - 11:45 AM
Session I: Innovation and Practice in Structural Heart Intervention
Moderators: Runlin Gao, Martin B. Leon
Moderators: Runlin Gao, Martin B. Leon
Moderators: Runlin Gao, Martin B. Leon
Discussants: Maurice Buchbinder, Jianfang Luo, Thomas Modine, Ling Tao, Nicolas M. Van Mieghem, Qi Zhang

10:45 AM TAVR in China: First Report of a Post Approval National Registry
Lecturer: Runlin Gao

10:55 AM Roundtable Discussion With Audience QA
Lecturer: Runlin Gao

10:59 AM Emerging Transcatheter Valve Therapies: Mitral and Pulmonary Valves
Lecturer: Junbo Ge

11:09 AM Roundtable Discussion With Audience QA
Lecturer: Junbo Ge

11:13 AM Percutaneous Intramyocardial Septal Radiofrequency Ablation for Hypertrophic Obstructive Cardiomyopathy
Lecturer: Liwen Liu

11:21 AM Roundtable Discussion With Audience QA
Lecturer: Liwen Liu

11:25 AM Case Based Learning: Hangzhou TAVR Experience
Case Presenter: Jian’an Wang

11:32 AM Roundtable Discussion With Audience QA
Case Presenter: Jian’an Wang

11:35 AM Case Based Learning: Chengdu TAVR Experience
Case Presenter: Mao Chen

11:42 AM Roundtable Discussion With Audience QA
Case Presenter: Mao Chen

11:45 AM Session II: Clinical Research and Practice in Percutaneous Coronary Intervention
Moderators: Gregg W. Stone, Yuejin Yang
Moderators: Gregg W. Stone, Yuejin Yang
Moderators: Gregg W. Stone, Yuejin Yang

11:45 AM DEFINITION of Contemporary Bifurcation Treatment: Current Evidence and Future Trials
Lecturer: Shao-Liang Chen

11:55 AM Roundtable Discussion With Audience QA
Lecturer: Shao-Liang Chen

11:59 AM Technology and Clinical Updates of China Based BRS Programs
Lecturer: Guosheng Fu

12:09 AM Roundtable Discussion With Audience QA
Lecturer: Guosheng Fu

12:13 PM Angiography Based Physiological Lesion Assessment: QFR System and the FAVOR Trials
Lecturer: Bo Xu

12:21 PM Roundtable Discussion With Audience QA
Lecturer: Bo Xu

12:25 PM Case Based Learning: A High Bleeding Risk Patient with Complex Coronary Anatomy
Case Presenter: Zening Jin

12:31 PM Roundtable Discussion With Audience QA
Case Presenter: Zening Jin

12:35 PM Case Based Learning: A Complex PCI with OCT Guidance
Case Presenter: Haibo Jia

12:41 PM Roundtable Discussion With Audience QA
Case Presenter: Haibo Jia

THE BEST OF INTERVENTIONS FROM LATIN AMERICA

The Best of Interventions From Latin America

WEDNESDAY, SEPTEMBER 25, 2019
10:45 AM - 12:45 PM
Room 205-206

10:45 AM - 11:45 AM
Session I. Structural Interventions
THE BEST OF INTERVENTION FROM ASIA-PACIFIC INDIA

The Best of Intervention from Asia-Pacific India

10:45 AM  All You Need to Know About TAVR: Patient Selection and Sizing Algorithms  
Lecturer: João L. Cavalcante

10:52 AM  Roundtable Discussion With Audience Q A

10:57 AM  TAVR Potpourri: Special and Bail Out Situations
Lecturer: Didier Tchetche

11:04 AM  Roundtable Discussion With Audience Q A

11:09 AM  Interventional Pathobiology: Anatomical Landmarks for Interventional Procedures  
Lecturer: Juan F. Granado

11:16 AM  Roundtable Discussion With Audience Q A

11:21 AM  All You Need to Know About MitraClip: Case Selection and Procedural Steps  
Lecturer: Mayra Guerrero

11:28 AM  Roundtable Discussion With Audience Q A

11:33 AM  An Incredible MitraClip Case  
Case Presenter: Pedro J. Colon

11:39 AM  Roundtable Discussion With Audience Q A

11:45 AM - 12:45 PM  
Session II: Coronary Interventions  
Moderators: Jose L. Leiva-Pons, Jose Armando MangioneDiscussants: Guering Eid-Lidt, Efrain Gaxiola, Leandro I. Lasave, Gabriel Maluenda, Alexandre Schaan Quadros, Omar Santaera

11:45 AM  Absolute Essentials of CTO Intervention: Procedural Steps and Equipment Selection  
Lecturer: Pablo Lamelas

11:52 AM  Roundtable Discussion With Audience Q A

11:57 AM  Challenging Case: My Worst CTO Nightmare  
Case Presenter: Carlos E. Uribe

12:03 PM  Roundtable Discussion With Audience Q A

12:09 PM  Absolute Essentials of Bifurcation PCI: Technique and Equipment Selection  
Lecturer: Ricardo A. Costa

12:16 PM  Roundtable Discussion With Audience Q A

12:21 PM  If You Have to Choose: Intravascular Imaging or Physiologic Assessment in Complex PCI  
Lecturer: Hector M. Garcia-Garcia

12:28 PM  Roundtable Discussion With Audience Q A

12:33 PM  Challenging Case: Left Main Bifurcation With Intravascular Imaging or Physiologic Assessment  
Case Presenter: Mauro Echavarria Pinto

12:39 PM  Roundtable Discussion With Audience Q A

WEDNESDAY, SEPTEMBER 25, 2019
1:00 PM - 3:00 PM  
Room 201-202

1:00 PM  Case 1 From Bangladesh: To Be or Not to Be  A Retrograde CTO Case  
Case Presenter: Kaisar Nasrullah Khan

1:07 PM  Roundtable Discussion With Audience QA

1:12 PM  Case 2 From India: Intervention in Aorto Aortitis  
Case Presenter: Manotosh Panja

1:19 PM  Roundtable Discussion With Audience QA

1:24 PM  Case 3 From Indonesia: Coronary Obstruction Caused by an UnDeflated Balloon After Shaft Fracture  
Case Presenter: Linda Lison

1:31 PM  Roundtable Discussion With Audience QA

1:36 PM  Case 4 From S. Korea: TBD  
Case Presenter: Seung-Jung Park

1:43 PM  Roundtable Discussion With Audience QA

1:48 PM  Case 5 From Malaysia: Hybrid Approach in Diffuse Coronary Artery Disease  
Case Presenter: Kenneth Chin

1:55 PM  Roundtable Discussion With Audience QA

2:00 PM - 3:00 PM  
Session II: Structural, Valvular, and Heart Failure Interventions  
Moderators: Sreenivas Arramraju Kumar, Wei-Hsian YinDiscussants: Rabin dra Nath Chakraborty, Jun-Jack Cheng, Sampath Kumar, Muhammad Munawar, Chiung Jen Wu

2:00 PM  Case 6 From Singapore: Transcatheter Tricuspid Valve in Valve Treatment  
Case Presenter: Edgar L. Tay

2:07 PM  Roundtable Discussion With Audience QA

2:12 PM  Case 7 From Taiwan: Vascular Plugging of a Severe Paravalvular Leak  
Case Presenter: Kuan-Leak

2:19 PM  Roundtable Discussion With Audience QA

2:24 PM  Case 8 From India: Expanding Indications of TAVR in India  
Case Presenter: Rama KRISHNA JANAPATI

2:31 PM  Roundtable Discussion With Audience QA

2:36 PM  Case 9 From Indonesia: A High Risk Redo Surgery Patient With Severe MR After Ring Annuloplasty and CABG
## THE BEST OF INTERVENTION FROM TCT RUSSIA: AT THE CROSSROADS OF ADULT STRUCTURAL AND CONGENITAL INTERVENTIONS

### The Best of Intervention from TCT Russia: At the Crossroads of Adult Structural and Congenital Interventions

**WEDNESDAY, SEPTEMBER 25, 2019**
1:00 PM - 3:00 PM
Room 205-206

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Presenter/Case</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:00 PM</td>
<td><strong>Introduction</strong></td>
<td>Lecturer: Bagrat Alekyan</td>
</tr>
<tr>
<td>1:05 PM</td>
<td>PFO Closure in Adults: Clinical Trial Update Indications and Emerging Devices</td>
<td>Lecturer: Robert J. Sommer</td>
</tr>
<tr>
<td>1:13 PM</td>
<td>Learn the Technique Case Based: PFO Closure in an Adult Patient</td>
<td>Case Presenter: Evgeny V. Merkulov</td>
</tr>
<tr>
<td>1:20 PM</td>
<td>Roundtable Discussion with Audience Q A</td>
<td>Lecturer: William A. Gray</td>
</tr>
<tr>
<td>1:27 PM</td>
<td>Who When How: A Primer of ASD Closure in Adults</td>
<td>Case Presenter: Narek Karapetyan</td>
</tr>
<tr>
<td>1:35 PM</td>
<td>Learn the Technique Case Based: ASD Closure in an Adult Patient</td>
<td>Case Presenter: Narek Karapetyan</td>
</tr>
<tr>
<td>1:42 PM</td>
<td>Roundtable Discussion with Audience Q A</td>
<td></td>
</tr>
<tr>
<td>1:49 PM</td>
<td>Left Atrial Appendage Closure: A Congenital Skill for a Non Congenital Disease</td>
<td>Lecturer: Horst Sievert</td>
</tr>
<tr>
<td>1:57 PM</td>
<td>Learn the Technique Case Based: LAA Closure</td>
<td>Case Presenter: Alexey A. Protopopov</td>
</tr>
<tr>
<td>2:04 PM</td>
<td>Roundtable Discussion with Audience Q A</td>
<td></td>
</tr>
<tr>
<td>2:11 PM</td>
<td>Calcific Aortic and Mitral Valve Stenosis: Interventional Approaches</td>
<td>Lecturer: Mayra Guerrero</td>
</tr>
<tr>
<td>2:19 PM</td>
<td>Learn the Technique Case Based: Calcified Aortic and Mitral Valve Disease</td>
<td></td>
</tr>
</tbody>
</table>

### THE BEST OF INTERVENTION FROM THE MIDDLE EAST AND AFRICA

### The Best of Intervention from the Middle East and Africa

**WEDNESDAY, SEPTEMBER 25, 2019**
3:15 PM - 5:15 PM
Room 205-206

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Presenter/Case</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:15 PM</td>
<td><strong>A Patient With Complex Coronary Artery Disease</strong></td>
<td>Case Presenter: Nireen Okasha</td>
</tr>
<tr>
<td>3:15 PM</td>
<td><strong>Case Introduction</strong></td>
<td></td>
</tr>
<tr>
<td>3:20 PM</td>
<td><strong>How I Would Treat This Case</strong></td>
<td>Lecturer: Sajidah Khan</td>
</tr>
<tr>
<td>3:25 PM</td>
<td><strong>How I Would Treat This Case</strong></td>
<td>Lecturer: Kais BATTIKH</td>
</tr>
<tr>
<td>3:30 PM</td>
<td><strong>Case Resolution: How Did I Treat This Patient</strong></td>
<td>Case Presenter: Nireen Okasha</td>
</tr>
<tr>
<td>3:35 PM</td>
<td><strong>Roundtable Discussion With Audience QA</strong></td>
<td></td>
</tr>
<tr>
<td>3:45 PM</td>
<td><strong>Case Presentation</strong></td>
<td></td>
</tr>
<tr>
<td>3:50 PM</td>
<td><strong>Take Home Messages</strong></td>
<td>Lecturer: Graham A. Cassel</td>
</tr>
</tbody>
</table>

### Session II: STEMI, MVD and Cardiogenic Shock

**Moderators:** Mirvat Alasnag, Mohamed Ahmed Sobhy
**Discussants:** Khaled F. Al-Shaibi, Kais BATTIKH, Darrar Herar, Khalid Omar Tammam, Samir Ztot

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Presenter/Case</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:55 PM</td>
<td><strong>A Patient With STEMI MVD and Cardiogenic Shock</strong></td>
<td></td>
</tr>
</tbody>
</table>
3:55 PM | Case Introduction
Case Presenter: Chaim S. Lotan

4:00 PM | How I Would Treat This Case
Lecturer: Khaled F. Al-Shaibi

4:05 PM | How I Would Treat This Case
Lecturer: Samir Ztot

4:10 PM | Case Resolution: How Did I Treat This Patient
Case Presenter: Chaim S. Lotan

4:15 PM | Roundtable Discussion With Audience QA
Lecturer: Mirvat Alasnag

4:30 PM | Take Home Messages
Lecturer: E. Murat Tuzcu

4:35 PM - 5:15 PM
Session III: TAVR in an Intermediate-Risk Patient
Moderators: Habib Gamra, E. Murat Tuzcu
Discussants: Mohammed Balghith, Mohamed Abed Bouraghda, Harun Otieno, Abdullah Shehab

4:35 PM | An Intermediate Risk Patient with Severe Aortic Stenosis
Case Presenter: Ahmad Edris

4:40 PM | How I Would Treat This Case
Lecturer: Mohammed Balghith

4:45 PM | How I Would Treat This Case
Lecturer: Mohammad Al-Mutairi

4:50 PM | Case Resolution: How Did I Treat This Patient
Case Presenter: Ahmad Edris

4:55 PM | Roundtable Discussion With Audience QA
Lecturer: Ahmad Edris

5:10 PM | Take Home Messages
Lecturer: E. Murat Tuzcu

AMIR AND VULNERABLE PLAQUE AND PATIENT STUDIES

AMI and Vulnerable Plaque and Patient Studies

Coronary: CHIP

WEDNESDAY, SEPTEMBER 25, 2019
12:30 PM - 2:30 PM
Room 216

12:30 PM - 1:30 PM
Session I. AMI Diagnosis and Treatments
Moderators: Rajesh M. Dave, Vladimir Dzavik
Discussants: David A. Cox, Jorge Gaspar, Graham Nichol, Eugenia Nikolsky, Thomas D. Stuckey, Glenn Van Langenhove

12:30 PM | TCT 9: Quantitative Assessment of Lipid Composition by NIRS IVUS Is Helpful for Differentiating among Plaque Rupture Plaque Erosion and Calcified Nodule in the Culprit Lesion of ACS
Presenting Author: Kosei Terada

12:40 PM | Discussion

12:45 PM | TCT 10: Time and Mortality in ST Elevation Myocardial Infarction: Insights From the TOTAL Trial
Presenting Author: Rachel Moxham

12:55 PM | Discussion

1:00 PM | TCT 11: Everolimus eluting Bioresorbable Scaffolds versus Drug eluting Stents in Patients with Acute Myocardial Infarction 2 Year Results of the Randomized ISAR Absorb MI Trial
Presenting Author: Jens Wiebe

1:10 PM | Discussion

1:15 PM | TCT 12: Results from the CAMI1 Study: Selective CRP apheresis as a new treatment option in acute myocardial infarction
Presenting Author: Christoph Dietrich Garlicks

1:25 PM | Discussion

1:30 PM - 2:30 PM
Session II. Vulnerable Plaque and Patient Studies
Moderators: Amir Lerman, Peter H. Stone
Discussants: Brian K. Courtney, Ranil De Silva, Christoph Dietrich Garlicks, Elvin Kedhi, Pedro R. Moreno, Yasunori Ueda

1:30 PM | TCT 13: Alirocumab improve coronary plaque vulnerability: first randomized control trial to assess the effect of alirocumab for plaque vulnerability using optical coherence tomography.
Presenting Author: Yoichiro Sugizaki

1:40 PM | Discussion

1:45 PM | TCT 14: Assessment of the Sources of Near infrared Auto fluorescence in High risk Coronary Artery Plaques: a Histopathologic Correlative Study
Presenting Author: Mie Kunio

1:55 PM | Discussion

2:00 PM | TCT 15: Prognostic Impact of Healed Coronary Plaque in Non culprit Segments Assessed by Optical Coherence Tomography
Presenting Author: Eisuke Usui

2:10 PM | Discussion

2:15 PM | TCT 16: Longitudinal Distribution of Lipid Rich Plaque in Nonculprit Lesions: A Lipid Rich Plaque LRP Study Sub analysis
Presenting Author: Evan Shlofmitz

2:25 PM | Discussion

COMPLICATIONS OF TAVR: STROKE AND CORONARY OBSTRUCTION

Complications of TAVR: Stroke and Coronary Obstruction

Structural: Valve

WEDNESDAY, SEPTEMBER 25, 2019
12:30 PM - 2:30 PM
Room 209-210

12:30 PM - 2:30 PM
Session II. Complications of TAVR: Stroke and Coronary Obstruction
Moderators: Rajesh M. Dave, Vladimir Dzavik
Discussants: David A. Cox, Jorge Gaspar, Graham Nichol, Eugenia Nikolsky, Thomas D. Stuckey, Glenn Van Langenhove

12:30 PM | TCT 9: Quantitative Assessment of Lipid Composition by NIRS IVUS Is Helpful for Differentiating among Plaque Rupture Plaque Erosion and Calcified Nodule in the Culprit Lesion of ACS
Presenting Author: Kosei Terada

12:40 PM | Discussion

12:45 PM | TCT 10: Time and Mortality in ST Elevation Myocardial Infarction: Insights From the TOTAL Trial
Presenting Author: Rachel Moxham

12:55 PM | Discussion

1:00 PM | TCT 11: Everolimus eluting Bioresorbable Scaffolds versus Drug eluting Stents in Patients with Acute Myocardial Infarction 2 Year Results of the Randomized ISAR Absorb MI Trial
Presenting Author: Jens Wiebe

1:10 PM | Discussion

1:15 PM | TCT 12: Results from the CAMI1 Study: Selective CRP apheresis as a new treatment option in acute myocardial infarction
Presenting Author: Christoph Dietrich Garlicks

1:25 PM | Discussion

1:30 PM - 2:30 PM
Session II. Vulnerable Plaque and Patient Studies
Moderators: Amir Lerman, Peter H. Stone
Discussants: Brian K. Courtney, Ranil De Silva, Christoph Dietrich Garlicks, Elvin Kedhi, Pedro R. Moreno, Yasunori Ueda

1:30 PM | TCT 13: Alirocumab improve coronary plaque vulnerability: first randomized control trial to assess the effect of alirocumab for plaque vulnerability using optical coherence tomography.
Presenting Author: Yoichiro Sugizaki

1:40 PM | Discussion

1:45 PM | TCT 14: Assessment of the Sources of Near infrared Auto fluorescence in High risk Coronary Artery Plaques: a Histopathologic Correlative Study
Presenting Author: Mie Kunio

1:55 PM | Discussion

2:00 PM | TCT 15: Prognostic Impact of Healed Coronary Plaque in Non culprit Segments Assessed by Optical Coherence Tomography
Presenting Author: Eisuke Usui

2:10 PM | Discussion

2:15 PM | TCT 16: Longitudinal Distribution of Lipid Rich Plaque in Nonculprit Lesions: A Lipid Rich Plaque LRP Study Sub analysis
Presenting Author: Evan Shlofmitz

2:25 PM | Discussion
### Session I. Coronary obstruction after TAVR

**Moderators:** Karel T. Koch, Ulf Landmesser

**Discussants:** Mark C. Bates, Asim Cheema, Alejandro Cherro, Nabil Farag, Saib Khogali

#### 12:30 PM - 1:30 PM

**TCT 17: Coronary Obstruction Risk Assessment: A Comparison of Snorkel Stenting and BASILICA**

*Presenting Author: John Lisko*

**12:40 PM** Discussion

**12:45 PM** TCT 18: Impact of Initial Evolut TAVR Deployment Orientation on Final Valve Orientation and Coronary Reaccess: A Pilot Study

*Presenting Author: Gilbert Tang DUPE*

**12:55 PM** Discussion

**1:00 PM** TCT 19: Outcome of Coronary Ostial Stenting to Prevent Coronary Obstruction During TAVR: an International Multicenter Registry

*Presenting Author: Antonio Mangieri*

**1:10 PM** Discussion

**1:15 PM** TCT 20: Aortic Root Anatomy in Low Risk Patients After Transcatheter Aortic Valve Replacement with a Balloon Expandable Valve: Impact on Coronary Access and Repeat Aortic Valve Interventions

*Presenting Author: Toby Rogers*

**1:25 PM** Discussion

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

**Session II. Stroke after TAVR**

**Moderators:** Karel T. Koch, Ulf Landmesser

**Discussants:** Mark C. Bates, Asim Cheema, Alejandro Cherro, Nabil Farag, Saib Khogali

#### 1:30 PM

**TCT 21: Incidence And Clinical Outcomes Of Stroke In Patients With Percutaneous Mechanical Circulatory Support Devices: Insights from Large National Database**

*Presenting Author: Mohit Pahuja*

**1:40 PM** Discussion

**1:45 PM** TCT 22: Impact of Transcatheter Aortic Valve Implantation on Microemboli 24 to 48 hours after Valve Implantation Observed as High Intensity Transient Signals on Transcranial Doppler: Prevalence and Implications

*Presenting Author: Navneet Sharma*

**1:55 PM** Discussion

**2:00 PM** TCT 23: Heterogeneity of Debris Captured by Cerebral Embolic Protection Filters During Transcatheter Aortic Valve Replacement With Different Transcatheter Heart Valves

*Presenting Author: Hubert Kroon*

**2:10 PM** Discussion

**2:15 PM** TCT 24: Clinical predictors for procedural stroke and implications for embolic protection device during TAVI: Results from the multicenter Transcatheter Aortic valve implantation in hoSpital stroKe TASK study

*Presenting Author: Amit Segev*

**2:25 PM** Discussion

### DES AND BIORESORBABLE SCAFFOLDS

#### WEDNESDAY, SEPTEMBER 25, 2019

**12:30 PM - 1:30 PM**

**Session I - DES: New Studies, New Insights**

**Moderators:** Thomas A. Ischinger, Nickolas Nodar Kipshidze

**Discussants:** Mohamed Ali Elsalamony, Anton Farkas, David F. Kong, Ganesan R. Nambirajan

**12:30 PM** TCT 41: A prospective multicentre randomised all comers trial to assess the safety and effectiveness of the ultra thin strut sirolimus eluting coronary stent Supraflex: 2 year results of the TALENT trial

*Presenting Author: Patrick W. Serruys*

**12:40 PM** Discussion

**12:45 PM** TCT 42: Polymer free Drug coated vs. Bare metal Coronary Stents in Patients Undergoing Non cardiac Surgery A Subgroup Analysis of the LEADERS FREE Trial

*Presenting Author: Gert Richardt*

**12:55 PM** Discussion

**1:00 PM** TCT 43: A Prospective Randomized Multicenter Study to Assess the Safety and Effectiveness of the Orsiro Sirolimus Eluting Stent in the Treatment of Subjects with up to two de novo Coronary Artery Lesions BIOFLOW IV: 4 Years Clinical Results

*Presenting Author: Ton slagboom*

**1:10 PM** Discussion

**1:15 PM** TCT 44: Impact of Stent Edge Hinging on Chronic Neointimal Hyperplasia after Newer Generation Drug Eluting Stent Placement in RCA

*Presenting Author: Takahiro Jimba*

**1:25 PM** Discussion

**2:00 PM - 3:00 PM**

**Session II - BVS: New Studies, New Insights**

**Moderators:** Tommaso Gori, John A. Ormiston

**Discussants:** Arif Al Nooryani, François Tanguay, Vasim Farooq, Stephen P. Hoole, Sundeep Mishra, Alexander Nikanorov, Jean-François Tanguay

**1:30 PM** TCT 45: Safety and Performance of the Resorbable Magnesium Scaffold Magmaris in a Real World Setting First Cohort Subjects at 12 month Follow up of the BIOSOLVE IV Registry

*Presenting Author: Stefan Verheye*

**1:40 PM** Discussion

**1:45 PM** TCT 46: FANTOM II trial: Safety amp Performance Study of the Fantom Sirolimus Eluting Bioresorbable Coronary Scaffold First Report on Initial 48 Month Outcomes
ENDOVASCULAR INTERVENTIONS

TCT 47: Five Year Clinical Outcomes From Randomized Comparison of Everolimus Eluting Bioresorbable Vascular Scaffolds Versus Everolimus Eluting Metallic Stents in Patients With Coronary Artery Disease From ABSORB China Trial
Presenting Author: Alexandre Abizaid
1:55 PM Discussion
2:00 PM TCT 48: Bioresorbable Scaffold Versus Metallic Drug Eluting Stent in Patients at High Risk of Restenosis COMPARF ABSORB trial: Very late device thrombosis while on extended DAPT
Presenting Author: Robert-Jan Van Geuns
2:10 PM Discussion
2:15 PM

INTRAVASCULAR IMAGING

TCT 49: Perceived versus competency based assessment of interventional cardiology fellows abilities in intracoronary physiology and imaging
Presenting Author: Erin Flattery
12:30 PM Discussion
12:40 PM TCT 50: Comparison of Saline and Radiographic Contrast for Optical Coherence Tomography Guided Intracoronary Imaging
Presenting Author: Ankita Gore
12:45 PM Discussion
12:55 PM TCT 51: IVUS Predictors of Stent Expansion in Severely Calcified Lesions
Presenting Author: mingyou zhang
1:00 PM
**Discussion**

1:10 PM

**TCT 52:** Impact of Subintimal Tracking for Recanalization of CTO Lesions on long term Clinical Outcomes  
*Presenting Author: SEIJI KANO*

1:15 PM

**TCT 53:** Impact of Intravascular Ultrasound Utilization on Outcomes Following Percutaneous Coronary Intervention for In stent Restenosis  
*Presenting Author: EVAN SHLOFMITZ*

1:20 PM

**TCT 54:** The Application of Predefined Optimization Criteria for Intravascular Ultrasound Guidance of Left Main Coronary Artery Stenting Improves Outcomes.  
*Presenting Author: JOSÉ M. DE LA TORRE HERNANDEZ*

1:25 PM

**TCT 55:** Incidence Predictors and Clinical Implications of Stent Optimization on Intravascular Ultrasound After New generation Drug eluting Stent Implantation for Diffuse Long Coronary Stenotic Lesions  
*Presenting Author: BYEONG-KEUK KIM*

1:30 PM

**TCT 56:** Impact of Neoatherosclerosis on clinical Outcomes after Repeat Revascularization of In stent Restenosis of 2nd Generation Drug Eluting Stents  
*Presenting Author: ZHAOYANG CHEN*

1:35 PM

**Session II. Intravascular Imaging Part II**  
*Moderators: Daniel Chamie, John McB. HodgsonDiscussants: Kevin J. Croce, Joost Daemen, Tatsuhiro Fujimura, Nieves Gonzalo, Christopher Kim, Massoud A. Leesar*

1:40 PM

**TCT 57:** Comparative Safety and Effectiveness of Orbital and Rotational Atherectomy in Patients Undergoing Percutaneous Coronary Intervention: Insights from the Blue Cross Blue Shield of Michigan Cardiovascular Consortium BMC2  
*Presenting Author: DEVIKA AGGARWAL*

1:45 PM

**TCT 58:** Predictors of Bailout Rotational Atherectomy in Patients With Complex Calcified Coronary Artery Disease: A Pooled Analysis From the Randomized ROTAXUS and PREPARE CALC Trials  
*Presenting Author: MOHAMED ABDEL-WOAHAB*

1:50 PM

**TCT 59:** Safety and Effectiveness of Coronary Intravascular Lithotripsy for Treatment of Severely Calcified Coronary Stenoses: The Disrupt CAD II study  
*Presenting Author: SHAFEER G. RASHID*

1:55 PM

**TCT 60:** Comparative Study of Resource Utilisation Costs and Procedural Times of Percutaneous Coronary Intervention with Rotational Atherectomy vs Intravascular Lithotripsy  
*Presenting Author: NAVDEEP BHATTI*

2:00 PM

**TCT 61:** Safety and Effectiveness of Intravascular Lithotripsy for Treatment of Severely Calcified Coronary Stenoses: The Disrupt CAD II study  
*Presenting Author: HUSSEIN M. RAHIM*

2:05 PM

**Session III. PCI in Chronic Kidney Disease**  
*Moderators: Donald Cutlip, Spencer B. King IIIDiscussants: Sanjeev Kumar Agarwal, Graham A. Cassel, Kam-Tim Chan, Steffen Desch, Marcello Sena, Junjie Zhang*

2:10 PM

**TCT 62:** Impact of intravascular ultrasound guided drug eluting stent implantationon patients with chronic kidney disease:subgroup analysis from ULTIMATE trial  
*Presenting Author: JUNJIE ZHANG*

2:15 PM

**TCT 63:** Ultra Low Contrast Coronary Angiography in Patients with Advanced Chronic Kidney Disease  Feasibility and Outcomes Compared with Conventional Angiography  
*Presenting Author: ANAND PRASAD*

2:20 PM

**TCT 64:** Use of Iso Osmolar Contrast Media in High AKI Risk Patients Undergoing Peripheral Revascularization Procedures Is Associated with Lower Incidence of Major Adverse Renal or Cardiac Events MARCE  
*Presenting Author: HUSSAIN M. RAHIM*

2:25 PM

**TCT 65:** Clinical Outcomes of Imaging  and Physiology guided PCI without Contrast Administration in Advanced Renal Failure  
*Presenting Author: ANAND PRASAD*
Session I. TAVR Complications
Moderators: Ronald Caputo, Bernhard Reimers
Discussants: Quang T. Bui, Mohamed Mohamed Elmaraghi, Marvin H. Eng, Martine Gilard, Vincent J. Pompili, Darren Walters

12:30 PM - 1:30 PM
TCT 33: Bioprosthetic valve fracture performed pre versus post valve in valve transcatheter aortic valve replacement: Insights from bench testing
Presenting Author: Janarthanan Sathananthan

12:40 PM - 1:30 PM
Discussion

12:45 PM - 1:30 PM
TCT 34: Bioprosthetic valve fracture can eliminate preexisting prothesis patient mismatch
Presenting Author: Christina Brinkmann

1:00 PM - 2:00 PM
Session II. Congenital Heart Disease Interventions
Discussant: Samer Abbas, John P. Breinholt, Matthew J. Daniels, Makram R. Ebeid, Mohammad El Tahlawi, Alexander Grigorievich Osiev

1:30 PM - 2:30 PM
TCT 37: Moderate to Severe Tricuspid Regurgitation in Adults Undergoing Transcatheter Atrial Septal Defect Closure
Presenting Author: Yvonne Bach

1:40 PM - 2:30 PM
Discussion

1:45 PM - 2:30 PM
TCT 38: Transcatheter Closure of Coronary Artery Fistula: Clinical and Angiographic Outcomes From a 21 Year Experience at a Single Center
Presenting Author: Bassim El-Sabawi

2:00 PM - 3:00 PM
TCT 39: Long Term Clinical and Echocardiographic Results After PFO Closure with Occlutech Figulla Flex II Device: a Single Center Prospective Registry
Presenting Author: Daniela Trabattoni

2:10 PM - 3:00 PM
Discussion

2:15 PM - 3:00 PM
TCT 40: Transcatheter versus Surgical Pulmonic Valve Replacement in the United States
Presenting Author: Sanjay Venkatesh

2:25 PM - 3:00 PM
Discussion

WEDNESDAY, SEPTEMBER 25, 2019
3:00 PM - 5:00 PM
Room 213

3:00 PM - 4:00 PM
Session I. CTO Part I
Moderators: Angela Hoye, Toshiya Muramatsu
Discussants: Yaron Almagor, Leszek Bryniarski, Debabrata Dash, Jasvinder Singh, Carlos E. Uribe

3:00 PM - 4:00 PM
TCT 97: Subintimal Versus Intraplaque Recanalization of Coronary Chronic Total Occlusions Mid term Angiographic and Optical Coherence Tomography Findings from the ISAR OCT CTO Registry
Presenting Author: Erion Xhepa

3:10 PM - 4:00 PM
Discussion

3:15 PM - 4:00 PM
TCT 98: Five Year Clinical Results of Full Metal Jacket With Drug Eluting Stents for Coronary Chronic Total Occlusion
Presenting Author: Lei Song

3:25 PM - 4:00 PM
Discussion

3:30 PM - 4:00 PM
TCT 99: Outcomes with retrograde vs. antegrade chronic total occlusion revascularization
Presenting Author: Michael Megaly

3:40 PM - 4:00 PM
Discussion

3:45 PM - 4:00 PM
TCT 100: Impact of Appropriate Indications on Clinical Outcomes after CTO PCI: Immediate and 5 Year Results in 2659 Consecutive Patients
Presenting Author: Changdong Guan

3:55 PM - 4:00 PM
Discussion

4:00 PM - 5:00 PM
Session II. CTO Part II
Moderators: Bradley H. Strauss
Discussants: Yasushi Asakura, Gregory Barsness, Mauro Carlino, Alfredo R. Galassi, Pravin K. Goel, Edward J. McNulty

4:00 PM - 5:00 PM
TCT 101: Percutaneous Coronary Intervention of Aorto ostial Coronary Chronic Total Occlusion: Results and Technical Implications From a Multicenter Registry
Presenting Author: Soledad Ojeda

4:10 PM - 5:00 PM
Discussion

4:15 PM - 5:00 PM
TCT 102: Impact of Coronary Artery Bypass history in patients undergoing Chronic Total Occlusion Percutaneous Coronary Intervention: procedural and clinical outcomes from the Registry of CrossBoss and Hybrid Procedures in France The Netherlands Belgium and United Kingdom RECHARGE
Presenting Author: Simone Budassi

4:25 PM - 5:00 PM
Discussion

4:30 PM - 5:00 PM
TCT 103: Wire Location by IVUS Strongly Predicts Procedural Success in the Retrograde Approach for Chronic Total Occlusions

CTO INTERVENTIONS
COMPLEX PCI AND LEFT MAIN INTERVENTIONS

WEDNESDAY, SEPTEMBER 25, 2019
3:00 PM - 5:00 PM
Room 207

3:00 PM - 4:00 PM
Session I. Complex PCI
Moderators: Christophe Dubois, Massimo Napodano
Discussants: Ariel Duran, Sohail Q. Khan, Michael C. C. Kim, Bernardo Kremer Diniz Gonçalves, Ayman Abou El Magd, Jamil Abdalla Saad

3:00 PM
TCT 65: Long Term Outcomes of In Stent Restenosis Percutaneous Coronary Intervention Among Medicare Beneficiaries
Presenting Author: Hector Tamez

3:10 PM
Discussion

3:15 PM
TCT 66: Buddying Up for CHIP PCI: Does Having a Friend Reduce the Pain
Presenting Author: Tim Kinnaird

3:25 PM
Discussion

3:30 PM
TCT 67: Predictors and Outcomes After Stent Failure Is Treated with Either CABG or PCI: An Individual Patient Data Pooled Analysis From 32880 Patients
Presenting Author: Zhaoyang Chen

4:00 PM - 5:00 PM
Session II. Left main interventions
Moderators: Alfredo E. Rodriguez
Discussants: Jose A. Alvarez, Diego D. Grinfeld, Hosam Hasan, Michal J. Hawranek, Yutaka Hikichi, Salvatore F. Mannino

4:00 PM
TCT 69: A Prospective Multi center Randomized Study to Evaluate the Optimal Strategy for Side Branch Treatment in Patients with Left Main Coronary Bifurcation Lesion SMART STRATEGY II
Presenting Author: Kim Jihoon

4:10 PM
Discussion

4:15 PM
TCT 70: Intravascular Imaging for Unprotected Left Main Stem PCI: a Survival analysis of 11264 cases from the British Cardiovascular Intervention Society National Database
Presenting Author: Tim Kinnaird

4:25 PM
Discussion

4:30 PM
TCT 71: Impact of Intravascular Ultrasound Guidance on Long Term 10 Year Mortality and Adverse Cardiovascular Events in Percutaneous Coronary Intervention for Unprotected Left Main Coronary Artery Disease
Presenting Author: Do-Young Kang

4:40 PM
Discussion

4:45 PM
TCT 72: Validation of Complex Bifurcation Lesion Definition and Comparing Stenting Strategy in a Large Cohort of Patients with Left Main Bifurcation
Presenting Author: Juan Wang

4:55 PM
Discussion

HYPERTENSION AND HEART FAILURE THERAPIES

WEDNESDAY, SEPTEMBER 25, 2019
3:00 PM - 5:00 PM
Room 203

3:00 PM - 4:00 PM
Session I. Renal denervation
Moderators: Joost Daemen
Discussants: Mark C. Bates, Adam Janas, Michael Jonas, Ivo Petrov, C. Venkata S. Ram

3:00 PM
TCT 81: Quantification of Procedural and Anatomical Determinants of Multi electrode Renal Denervation
Presenting Author: Abraham Tzafriri

3:10 PM
Discussion

3:15 PM
TCT 82: Long Term Clinical Outcomes After Renal Denervation in an Asian Population: Results From the Global SYMPLICITY Registry in South Korea GSR Korea
Presenting Author: Byeong-Keuk Kim

3:25 PM
Discussion

3:30 PM
TCT 83: Effects of Catheter Based Renal Denervation on Left Ventricular Function Assessed by Two Dimensional Speckle Tracking Echocardiography
Presenting Author: Lucas Lauder

3:40 PM
Discussion

3:45 PM
TCT 84: Renal Denervation With Symplicity Spyral Catheter in the Global Symplicity Registry: Safety and Efficacy at 3 Years
Presenting Author: Juan Wang

3:55 PM
Discussion
Session II. Heart Failure Therapies
Moderators: Bernard J. Gersh, Christopher O'Connor
Discussants: Otavio Berwanger, Tomasz Jadczyk, Abdullah Al Shafi Majumder, Bilal Mohydin, Shashank Shekhar Sinha

4:00 PM
TCT 85: Minimally invasive catheter based deactivation of left ventricular device without surgical explantation
Presenting Author: Arif Albulushi

4:10 PM
Discussion

4:15 PM
TCT 86: Cardiac autonomic nerves stimulation improves hemodynamics and clinical status in advanced heart failure patients
Presenting Author: Michael Cuchiara

4:25 PM
Discussion

4:30 PM
TCT 87: Levoatrial to coronary sinus shunting as a novel strategy for symptomatic heart failure: first in human experience
Presenting Author: Benjamin Hibbert

4:40 PM
Discussion

4:45 PM
TCT 88: Six Month Outcomes of an Early Feasibility Study of the AccuCinch Left Ventricular Repair System in Patients with Heart Failure and Functional Mitral Regurgitation
Presenting Author: Mark Reisman

LAA CLOSURE AND PULMONARY EMBOLI THERAPIES

WEDNESDAY, SEPTEMBER 25, 2019
3:00 PM - 5:00 PM
Moscone South, Level Two, Room 216

Session I. Left atrial appendage closure
Moderators: Randall J. Lee, Petr Neuzil
Discussants: Marek Grygier, Jamie Kim, Marco G. Mennuni, Thomas Schmitz, Zoltan G. Turi

3:00 PM
TCT 113: Adverse Events after Left Atrial Appendage Closure: Lessons Learned from the Manufacturer and User Facility Device Experience MAUDE database.
Presenting Author: Swaiman Singh

3:10 PM
Discussion

3:15 PM
TCT 114: Comparative Data on Left Atrial Appendage Occlusion Efficacy and Clinical Outcomes by Age Group in the Amplatzer Amulet Observational Study
Presenting Author: Xavier Freixa

3:25 PM
Discussion

3:30 PM
TCT 115: The novel Watchman FLX for left atrial appendage closure. Early European experience.

MITRAL AND TRICUSPID VALVE INTERVENTIONS

WEDNESDAY, SEPTEMBER 25, 2019
3:00 PM - 5:00 PM
Room 215

Session I. Mitral Valve Interventions
Moderators: Saibal Kar, Alfredo Trento
Discussants: Sukhdeep Singh Basra, Eduardo De Marchena, Christian Frerker, George Gellert, Jan Harnek

3:00 PM
TCT 89: Right to Left Shunt through Iatrogenic Atrial Septal Defect after MitraClip Procedure
Presenting Author: Takao Morikawa
Session II. Tricuspid Valve Interventions

Moderators: Karl-Heinz Kuck
Discussants: Jörg Hausleiter, Robert J. Lederman, Georg Lutter, G. Burkhard Mackensen, Randolph P. Martin, Maurizio Taramasso

3:00 PM - 4:00 PM
Session I. Novel TAVR Data
Moderators: Jorge A. Belardi
Discussants: Tiziana Claudia Aranzulla, Matjaz Bunc, Aakriti Gupta, Simon Cheung-chi Lam, Philip A. MacCarthy, Alfredo Marchese

3:00 PM
TCT 73: The Relative Effects of New Pacemakers versus Left Bundle Branch Block on Clinical and Echocardiographic Outcomes in the PARTNER Trials
Presenting Author: Jose M. Dizon

3:10 PM
Discussion

3:15 PM
TCT 74: Baseline Left Ventricular Hypertrophy and Five Year Outcomes after Transcatheter Aortic Valve Replacement: An Analysis of the PARTNER Trials and Registries
Presenting Author: Holly Gonzales

3:25 PM
Discussion

3:30 PM
TCT 75: Infective Endocarditis After Transcatheter Aortic Valve Replacement: Findings From a UK Nationwide Linkage Study
Presenting Author: Tom Cahill

3:40 PM
Discussion

3:45 PM
TCT 76: Mid term Outcomes after Transcatheter Aortic Valve Replacement with a Mechanically expanded versus Self Expandable Valve: 3 year Results from the REPRISE III Randomized Trial
Presenting Author: David G. Rizik

3:55 PM
Discussion

4:00 PM - 5:00 PM
Session II. Novel TAVR Data
Moderators: Alain G. Cribier, Hans R. Figulla
Discussants: Cameron Dowling, Karim El Chilali, Vivek Gupta, Vijay Iyer, Jan Kovac, Gerhard C. Schuler

4:00 PM
TCT 77: Transcarotid Versus SubclavianAxillary Access for Transcatheter Aortic Valve Replacement: Real World Comparative Outcomes Utilizing the TVT Registry
Presenting Author: James B. Hermiller Jr

4:10 PM
Discussion

4:15 PM
TCT 78: Transcatheter Aortic Valve Replacement in Patients With Large and Extra Large Aortic Annuli: Hemodynamic Performance of New Generation Balloon and Self Expandable Aortic Valves.
Presenting Author: Luis Nombela-Francisco

4:25 PM
Discussion

4:30 PM
TCT 79: Multimodality Assessment of Prosthetic Valve Regurgitation to Predict Reverse Cardiac Remodeling and Long term Clinical Outcomes after Transcatheter Aortic Valve Replacement Results from the Prospective POST TAVI Registry
Presenting Author: Mohammad Abedighani

4:40 PM
Discussion

4:45 PM
TCT 80: Predictors of residual significant mean gradient after TAVR in bicuspid aortic valve stenosis: insights from the BEAT international collaborative registry.
Presenting Author: Antonio Mangieri
PHYSIOLOGIC GUIDANCE: HYPEREMIC, BASAL AND ANGIOGRAPHIC STUDIES

Physiologic Guidance: Hyperemic, Basal and Angiographic Studies

WEDNESDAY, SEPTEMBER 25, 2019
3:00 PM - 5:00 PM
Room 211

3:00 PM - 4:15 PM
Session I. FFR and iFR
Moderators: Justin E. Davies, Morton J. Kern
Discussants: Jung-Min Ahn, Walter Desmet, David Erlinge, Allen Jeremias, Shahar Lavi, Joo Myung Lee

3:10 PM - Discussion

3:15 PM - TCT 105: Diagnostic Performance of Fractional Flow Reserve and Instantaneous Wave free Ratio in LAD and non LAD: Results of Iberian Dutch English IDEAL LAD Study.
Presenting Author: Yuetsu Kikuta

3:25 PM - Discussion

3:30 PM - TCT 107: An Attenuated Response to Adenosine Secondary to Coronary Microvascular Dysfunction in Patients Undergoing Fractional Flow Reserve FFR Assessment.
Presenting Author: David E. Barton

3:40 PM - Discussion

3:45 PM - TCT 108: Physiologic Characteristics and Clinical Outcomes of Patients with Discordance Between Fractional Flow Reserve and Instantaneous Wave Free Ratio
Presenting Author: Seung Hun Lee

3:55 PM - Discussion

4:00 PM - TCT 109: Inaccuracy of FFR in Clinical Practice: A High Volume Single Center Experience
Presenting Author: Ankita Gore

4:10 PM - Discussion

4:15 PM - 5:00 PM
Session II. Angiographay-based FFR
Moderators: Niels R. Holm, Bo Xu
Discussants: Javier Escaned, Paul Knaapen, Ran Kornowski, Alexandra J. Lansky, Amir Lerman, Shengxian Tu

4:15 PM - TCT 110: The Prognostic Value of Angiography Based vessel FFR after successful Percutaneous Coronary Intervention: The FAST Outcome study
Presenting Author: Kaneshka Masdjedi

4:25 PM - Discussion

4:30 PM - TCT 111: Clinical implication of quantitative flow ratio after percutaneous coronary intervention for three vessel disease
Presenting Author: Norihiro Kogame

4:40 PM - Discussion

4:45 PM - TCT 112: Comparison Between the Diagnostic Performance of Quantitative Flow Ratio and Myocardial Perfusion Imaging for Detecting Myocardial Ischemia
Presenting Author: Pepijn van Diemen

4:55 PM - Discussion
LIVE CASE TRANSMISSION THEATER I, THURSDAY, SEPT. 26

8:00 am - 9:30 am
Session I. Live Cases: Coronary and Left Main/Bifurcation
Live Case Moderators: Ajay J. KirtaneLive Case Discussants: Mehran K. Sharma, R. Michael Wyman
8:45 am
Minneapolis Heart Institute Minneapolis MN
Live Case Operator: Emmanouil S. Brilakis, Paul Sorajja
9:30 am - 11:00 am
Session II. Live Cases: SHD
Live Case Moderators: Samir R. KapadiaLive Case Discussants: Saif Anwaruddin, Charles J. Davidson, Chandan Devireddy, Neil P. Fam, Rebecca T. Hahn, Chaim S. Lotan, Jason H. Rogers, Molly Szerlip, Maurizio Taramasso, Dee Dee Wang
9:30 am
Minneapolis Heart Institute Minneapolis MN
Live Case Operator: Emmanouil S. Brilakis, Paul Sorajja
10:15 am
Hadassah Medical Center Hadassah Israel
Live Case Operator: Ronen Beeri, Haim Danenberg, David Planer, Mony Shuvy
11:00 am - 12:00 pm
Session III. Live Cases: Coronary
11:00 am
NYPHColumbia University Medical Center
Live Case Operators: Dimitri Karpapliotis, Akiko Maehara, Jeffrey W. Moses, Manish A. Parikh
11:00 am
NYPHColumbia University Medical Center
Live Case Operators: Dimitri Karpapliotis, Akiko Maehara, Jeffrey W. Moses, Manish A. Parikh
11:00 am
NYPHColumbia University Medical Center
Live Case Operators: Dimitri Karpapliotis, Akiko Maehara, Jeffrey W. Moses, Manish A. Parikh
11:00 am
NYPHColumbia University Medical Center
Live Case Operators: Dimitri Karpapliotis, Akiko Maehara, Jeffrey W. Moses, Manish A. Parikh
11:00 am
NYPHColumbia University Medical Center
Live Case Operators: Dimitri Karpapliotis, Akiko Maehara, Jeffrey W. Moses, Manish A. Parikh

LIVE CASE TRANSMISSION THEATER II, THURSDAY, SEPT. 26

2:00 pm - 6:00 pm
Live Case Theater
TRANSCATHETER VALVE THERAPY | THURSDAY, SEPTEMBER 26, 2019

**METALLIC DES PART 1: STENT DIFFERENCES AND DAPT DURATION**

**Coronary: Core**

**THURSDAY, SEPTEMBER 26, 2019**

**Session I: Drug-Eluting Stents — Hot Topics**
Moderators: Robert A. Byrne, Dean J. Kereiakes
Discussants: Andreas Baumbach, Jose M. De la Torre Hernandez, Nicolas Foin, Mamas Mamas, Oscar A. Mendiz, Christian M. Spaulding

- 8:00 AM Clinical Trial Snapshots: Top DES Randomized Trials of the Last 2 Years
  Lecturer: Mamas Mamas

- 8:10 AM Opening Debate: Which Metallic DES Should Be on My Cath Lab Shelf

**Session II. Live Cases: SHD**
Live Case Operators: Danny Dvir, Thomas K. Jones, Kathleen Kearney, William L. Lombardi, Mark Reisman

- 3:30 PM - 6:00 PM
  **Session II. Live Cases: HD**
  Live Case Operators: Danny Dvir, Thomas K. Jones, Kathleen Kearney, William L. Lombardi, Mark Reisman

- 4:15 PM
  **University of Washington Medical Center Seattle WA**
  Live Case Operator: Danny Dvir, Thomas K. Jones, Kathleen Kearney, William L. Lombardi, Mark Reisman

**Session III: Novel Metallic Stents From China and India**
Moderators: Ashok Seth, Bo Xu
Discussants: Vinay K. Bahl, Junbo Ge, Michael Haude, Henning Kelbæk, Sreenivas Arramraju Kumar, Samuel K. Mathew

- 8:16 AM
  **Primer on Metallic Stents Developed in China**
  Lecturer: Runlin Gao

- 9:01 AM
  **Pro Healing Stents With Active and Passive Coatings: Latest Clinical Evidence**
  Lecturer: Roxana Mehran

- 9:07 AM
  **Roundtable Discussion With Audience QA**

**Session IV: DES and DAPT Duration**
Moderators: Alexandre Abizaid, Alexandra J. Lansky
Discussants: Hyeon Cheol Gwon, Kurt Huber, Mitchell W. Krucoff, Marie-Claude Morice, Eliano Pio Navarese, Philip M. Urban

- 9:16 AM
  **Primer on Metallic Stents Developed in India**
  Lecturer: Upendra Kaul

- 9:30 AM
  **Roundtable Discussion With Audience QA**

**Session V: DES Design and Clinical Outcomes**
Moderators: Juan F. Granada, Michael Joner
Discussants: Adnan K. Chhatriwalla, Donald Cutlip, Aloke Finn, Renu Virmani, Simon J. Walsh

- 8:03 AM
  **Impact of Stent Design Features on Vascular Healing and Surface Thrombogenicity: What Really Matters**
  Lecturer: Grzegorz L. Kaluza

- 9:16 AM
  **The Case for Further Reducing Strut Thickness: Technical Challenges and Clinical Benefits**
  Lecturer: Sripal Bangalore

- 10:00 AM
  **Biodegradable Polymer DES: Do Clinical Trial Data Support Claims of Superior Safety or Effectiveness**
  Lecturer: Takeshi Kimura

- 10:45 AM
  **Polymer Free DES: Lessons Learned From Recent Trials**
  Lecturer: Michael Maeng

**Session VI: DES and DAPT Duration**
Moderators: Roxana Mehran
Discussants: Vinay K. Bahl, Junbo Ge, Michael Haude, Henning Kelbæk, Sreenivas Arramraju Kumar, Samuel K. Mathew

- 9:16 AM
  **Choose Whatever You Want Most**
  **Contemporary DES DisplayComparable Clinical Performance**
  Lecturer: Roxana Mehran

- 8:17 AM
  **Choose Carefully: The Best New Generation DES are Associated With Meaningful Improvements In Performance and Outcomes**
  Lecturer: David E. Kandzari

- 8:24 AM
  **Roundtable Discussion With Audience QA**
  Lecturer: David E. Kandzari

**MitraClip Studies and Technique**

**Structural: Valve**
8:00 AM - 8:51 AM

**Session I: MitraClip in DMR and FMR**
Moderators: Gorav Ailawadi, James B. Hermiller Jr.
Discussants: Stefan Anker, Anita Asgar, Blase A. Carabello, Megan Coylewright, Richard Smalling, Frederick G. St. Goar

- **DMR: EVEREST II Was a Decade Ago Have MitraClip Techniques and Outcomes Improved**
  Lecturer: Stephen H. Little

- **Successful Case in Complex Anatomy**
  Case Presenter: Gagan D. Singh

- **Case of MitraClip Failure in Complex DMR Anatomy**
  Case Presenter: Molly Szerlip

- **Roundtable Discussion With Audience QA**

- **FMR: Two Year MITRA FR Data and Reconciliation With COAPT**
  Lecturer: Guillaume Leurent

- **Patient Selection for MitraClip in Heart Failure With FMR: What Are the COAPT Criteria and Where if Anywhere Might They Be Stretched**
  Lecturer: Milton Packer

- **FMR Heart Failure Management: How Should the Heart Team Function**
  Lecturer: JoAnn Lindenfeld

- **Roundtable Discussion With Audience QA**

8:51 AM - 10:00 AM

**Session II: MitraClip Imaging and Technique Issues**
Moderators: Jeroen J. Bax, Saibal Kar
Discussants: Stephan Baldus, Victoria Delgado, Olaf Franzen, Joachim Schofer, Neil J. Weissman, Brian K. Whisenant

- **What Are the Essential Echocardiographic Characteristics for MitraClip in DMR With Case Examples**
  Lecturer: Howard C. Herrmann

- **What Are the Essential Echocardiographic Characteristics for MitraClip in FMR With Case Examples**
  Lecturer: Federico M. Asch

- **Role of CT Imaging for MitraClip Guidance**
  Lecturer: Nicolas M. Van Mieghem

- **Coaptation Clipping: In the Middle vs. Zip and Clip With Case Examples**
  Lecturer: Hüseyin Ince

- **Mitra Stenosis Issues After MitraClip: What Are the Stopping Boundaries With Case Examples**
  Lecturer: Jörg Hausleiter

9:32 AM

**NTR vs. XTR: When How and Why to Use**
Lecturer: Matthew J. Price

9:39 AM

**MitraClip in Acute MR and Cardiogenic Shock**
Lecturer: John D. Carroll

9:46 AM

**Approaches to Acute and Late MitraClip Failures**
Lecturer: Isaac George

9:53 AM

**Roundtable Discussion With Audience QA**

**LARGE-BORE ACCESS AND CLOSURE**

**Large-Bore Access and Closure**

**Vascular**

10:00 AM - 11:00 AM

**Session I: Practical Skills in Large-Bore Access**
Moderators: Adam B. Greenbaum, Tsuyoshi Kaneko
Discussants: Amir Kaki, Jaffar Mohammad Khan, Ashish Pershad, Toby Rogers, Ulrich Schäfer, Rajiv Tayal

- **Ultrasound Guided Access: Image Interpretation and Utility**
  Lecturer: Mauricio G. Cohen

- **Large Bore Vascular Access Site Closure Devices: 2019 and Beyond**
  Lecturer: Zvonimir Krajcer

- **Roundtable Discussion With Audience QA**

- **Options and Outcomes of Alternative Arterial Access: Carotid Axillary Subclavian Transaortic**
  Lecturer: James M. McCabe

- **Axillary Access: Technique and Problem Solving**
  Lecturer: Rajiv Tayal

- **Roundtable Discussion With Audience QA**

- **Transcaval Access: Technique Outcomes and Innovations**
  Lecturer: Vasilis Babaliaros

- **Transcaval Access: Technique and Problem Solving**
  Lecturer: Toby Rogers

10:56 AM

**Roundtable Discussion With Audience QA**

11:00 AM - 12:00 PM

**Session II: Case-Based Access Challenges**
Moderators: James M. McCabe, Tamim M. Nazif
Discussants: Megan Coylewright, David Daniels, Jason Foerst, John K. Forrest, Eric Kirker, Perwaiz M. Meraj

11:00 AM

**Case 1: TAVR With Difficult Access: The Transcarotid Approach**
Case Presenter: Ethan C. Korngold

11:05 AM

**Roundtable Discussion With Audience QA**
11:15 AM  Case 1: Resolution  
Case Presenter: Ethan C. Korngold

11:20 AM  Case 2: Supported PCI in a Patient With Severe Peripheral Vascular Disease  
Case Presenter: Ehrin J. Armstrong

11:25 AM  Roundtable Discussion With Audience QA

11:35 AM  Case 2: Resolution  
Case Presenter: Perwaiz M. Meraj

11:40 AM  Case 3: A Large Bore Venous Case With Complications  
Case Presenter: David Daniels

11:45 AM  Roundtable Discussion With Audience QA

11:55 AM  Case 3: Resolution  
Case Presenter: David Daniels

---

**PCI PHARMACOTHERAPY: PART 1**

**Coronary: Core**

**THURSDAY, SEPTEMBER 26, 2019**

10:00 AM - 12:00 PM  
Room 152/154

10:00 AM - 11:10 AM  
The Distinct Role of P2Y12 Inhibitors and Aspirin  
Moderators: Roxana Mehran, Marco Valgimigli  
Discussants: Dimitrios Alexopoulos, Usman Baber, Bernard R. Chevalier, Paul Gurbel, David J. Moliterno, Patrick W. Serruys

10:00 AM  Case Introduction: DAPT Dilemma After a Complex PCI in a High Bleeding Risk Patient  
Case Presenter: Amit N. Vora

10:09 AM  P2Y12 Inhibitor Monotherapy After PCI: Is It Time  
Insights From GLOBAL LEADERS and GLASSY  
Lecturer: Pascal Vranckx

10:16 AM  Insights From TWILIGHT  
Lecturer: Usman Baber

10:23 AM  Insights From STOP DAPT 2  
Lecturer: Takeshi Kimura

10:28 AM  Insights From SMART CHOICE  
Lecturer: Joo-Yong Hahn

10:33 AM  De Escalation: When and How The Role of Platelet Function and Genetic Testing  
Lecturer: Francesco Franchi

10:40 AM  Long Term Antithrombotic Therapy After PCI: How Do I Incorporate COMPASS Into My Practice  
Lecturer: Shamir R. Mehta

10:47 AM  The Approach to the High Bleeding Risk Patient: The Dos and the Donts  
Lecturer: Bernard R. Chevalier

10:54 AM  Roundtable Discussion With Audience QA

11:07 AM  Case Resolution: How Did I Treat and What Happened  
Lecturer: Amit N. Vora

11:10 AM - 12:00 PM  
Alternative Strategies for Secondary Prevention After PCI: Role of Lipid Management, Inflammation, and More  
Moderators: C. Michael Gibson, Robert A. Harrington  
Discussants: Marc Bonaca, Jaya Chandrasekhar, Kirk N. Garratt, Wolfgang Koenig, Ulf Landmesser, Chiara Melloni

11:10 AM  Long Term Antithrombotic Therapy After PCI: How Do I Incorporate COMPASS Into My Practice  
Lecturer: Shamir R. Mehta

11:17 AM  Role of PCSK9 Inhibitors Post PCI and ACS  
Lecturer: Marc S. Sabatine

11:24 AM  Dont Forget About Your HDL: The AEGIS Program  
Lecturer: C. Michael Gibson

11:31 AM  LPa: Not So Little Anymore  
Lecturer: Carl Lavie

11:38 AM  Tackling Inflammation: Novel Targets  
Lecturer: Wolfgang Koenig

11:45 AM  Novel Approaches in Diabetic Patients After PCI: Role of SGLT2 Inhibitors and Potent Antiplatelet Therapy THEMIS  
Lecturer: Marc Bonaca

11:52 AM  Roundtable Discussion With Audience QA

---

**INTRAVASCULAR IMAGING STENT GUIDANCE: PART 1 — THE BASICS**

**Coronary: Core**

**THURSDAY, SEPTEMBER 26, 2019**

2:00 PM - 4:00 PM  
Room 152/154

2:00 PM - 3:15 PM  
Session I: Basics of IVUS and OCT-Guided Stent Implantation  
Moderators: Evelyn Regar, Giora Weisz  
Discussants: Brian K. Courtney, Ioannis Iakovou, Takashi Kubo, Lei Song, Neal Gordon Uren, Junjie Zhang

2:00 PM  Step by Step IVUS: From Pre Intervention Through Stent Optimization to Assessment of Complications  
Lecturer: Andrew Sharp

2:15 PM  Step by Step OCT: From Pre Intervention Through Stent Optimization to Assessment of Complications
LEFT ATRIAL APPENDAGE CLOSURE: PART 1 — LAA CLOSURE: CURRENT STATUS AND FUTURE DIRECTIONS

- Stent Implantation in a LMCA Lesion With Quadrification Four Daughter Vessels
  - Lecturer: Jiancheng Xiu
- Roundtable Discussion With Audience QA
- Roundtable Discussion With Audience QA
- Roundtable Discussion With Audience QA
- Roundtable Discussion With Audience QA
- Roundtable Discussion With Audience QA
- Roundtable Discussion With Audience QA
- Roundtable Discussion With Audience QA

TAVR INDICATIONS AND COMPLICATIONS

**TAVR Indications and Complications**

**Structural: Valve**

**THURSDAY, SEPTEMBER 26, 2019**

2:00 PM - 6:10 PM

Room 155/157

**2:00 PM - 2:50 PM**

**Session I: TAVR in Low Surgical Risk Patients**

- Patient Selection for LAA Closure: Risk Prediction Beyond CHA2DS2-VASc and HAS BLED
  - Lecturer: Edip Gurol
- LAA Closure vs. NOACs: Pros and Cons PRAGUE 17 and Additional Trials
  - Lecturer: Vivek Y. Reddy
- Roundtable Discussion With Audience QA
- Roundtable Discussion With Audience QA
- Roundtable Discussion With Audience QA
- Roundtable Discussion With Audience QA
- Roundtable Discussion With Audience QA
- Roundtable Discussion With Audience QA
- Roundtable Discussion With Audience QA
- Roundtable Discussion With Audience QA

**THURSDAY, SEPTEMBER 26, 2019**

2:00 PM - 6:10 PM

Room 155/157

**2:00 PM**

**The Low Risk TAVR RCTs: Evidence Based Vignettes**
2:00 PM Deep Dive: NEW Insights From the PARTNER 3 Trial
   Lecturer: Martin B. Leon

2:08 PM Deep Dive: NEW Insights From the Evolut Low Risk Trial
   Lecturer: Michael J. Reardon

2:16 PM Roundtable Discussion with Audience QA

2:20 PM PointCounterpoint: Provocative Views 1
   2:20 PM Remaining Data Gaps After the Low Risk TAVR RCTs
   Lecturer: Michael A. Borger
   2:28 PM A Modern Approach to Bioprosthetic Valve Deterioration and Failure: Emerging Data After TAVR
   Lecturer: Davide Capodanno

2:36 PM Roundtable Discussion with Audience QA

2:40 PM Controversial Low Risk Case Presentation: A 60 Year Old Executive With Severe Symptomatic Aortic Stenosis Tri Leaflet Anatomy and No Co Morbidities Mechanical vs Bioprosthetic Valve SAVR vs TAVR
   2:40 PM Case Presentation
   Case Presenter: Steven J. Yakubov
   2:43 PM Roundtable Discussion with Audience QA
   Case Presenter: Steven J. Yakubov

2:50 PM - 4:00 PM Session II: Expanding Clinical Indications for TAVR
Moderators: Patrick T. O’Gara, Jeffrey J. Popma
Discussants: Gorav Ailawadi, Yaron Almagor, Isaac George, Kentaro Hayashida, Ran Kornowski, Mathew Williams

2:50 PM Making the Case for
   2:50 PM EARLY TAVR for Severe Asymptomatic AS
   Case Presenter: Steven J. Yakubov
   3:04 PM TAVR for Bicuspid Aortic Valve Disease
   Case Presenter: Steven J. Yakubov
   3:40 PM TAVR in Moderate AS With Heart Failure
   Case Presenter: Steven J. Yakubov
   3:50 PM TAVR for Severe AR In the Right Patients
   Case Presenter: Steven J. Yakubov

4:00 PM - 5:20 PM Session III: Early- and Late-TAVR Complications — 3 Old Friends and 3 New Concerns
Moderators: Colin M. Barker, Samir R. Kapadia
Discussants: Michael Haude, Alexandra J. Lansky, Jonathan A. Leipsic, Axel Linke, Molly Szerlip, Jochen Wohlrle

4:00 PM PointCounterpoint: Provocative Views 2
   4:00 PM Strokes After TAVR Are Rare and Cerebral Protection Is Unnecessary
   Lecturer: David Hildick-Smith

4:08 PM Any Neurologic Event After TAVR Is Meaningful and Cerebral Protection Reduces Brain Injury
   Lecturer: Hemal Gada

4:16 PM Roundtable Discussion with Audience QA
   Lecturer: Hemal Gada

4:20 PM Conduction Disturbances After TAVR: Current Thinking and Clinical Relevance
   Lecturer: Tamim M. Nazif

4:30 PM Roundtable Discussion with Audience QA

4:33 PM Is Paravalvular Regurgitation Still a Worrisome Complication With New Generation TAVR Systems
   Lecturer: Philippe Pibarot

4:43 PM Roundtable Discussion with Audience QA

4:46 PM Valve Leaflet Thickening and Thrombosis: Definitions Frequency Management and Clinical Importance
   Lecturer: Lars Sondergaard

4:56 PM Roundtable Discussion with Audience QA

5:00 PM The Growing Concern of Coronary Access After TAVR: Procedural Problem Solving and Impact on TAVR Device Choices
   Lecturer: James B. Hermiller Jr

5:08 PM Roundtable Discussion with Audience QA

5:10 PM TAVR Bioprosthetic Valve Failure REDO TAVR: Frequency and Management Including TAV in TAV
   Roundtable Discussion with Audience QA
   Lecturer: Uri Landes

5:18 PM Roundtable Discussion with Audience QA

5:20 PM - 6:10 PM Session IV: TAVR “Real-World Complex Case Scenarios” — Clinical Corner
Moderators: Vinod H. Thourani
Discussants: Suzanne V. Arnold, Mayra Guerrero, Jan Kovac, Amisha Patel, David G. Rizik, Steven J. Yakubov

5:20 PM TAVR in a Small Aortic Annulus: Case Presentation and Management Strategies
   Lecturer: Josep Rodés-Cabau

5:27 PM Roundtable Discussion with Audience QA

5:30 PM TAVR With Concomitant Complex Coronary Disease: Case Presentation and Management Strategies Chronic CAD vs ACS Syndromes
   Lecturer: David Hildick-Smith

5:37 PM Roundtable Discussion with Audience QA

5:40 PM TAVR in Low Flow Low Gradient AS: Case Presentations Diagnostic Algorithms and Management Strategies
   Lecturer: Howard C. Herrmann

5:47 PM Roundtable Discussion with Audience QA

5:50 PM Severe Symptomatic AS and Moderate Severe MR: Case Presentation and Management Strategies
   Lecturer: Anita Asgar

5:57 PM Roundtable Discussion with Audience QA

6:00 PM TAVR With High Risk for Coronary Obstruction Low Coronaries and Effaced Sinuses: Case Presentation and Management Strategies How to Protect the Coronaries BASILICA etc.
   Lecturer: John K. Forrest
THE LEFT MAIN AND BIFURCATION SUMMIT: PART 1

The Left Main and Bifurcation Summit: Part 1

Coronary: CHIP

THURSDAY, SEPTEMBER 26, 2019
2:00 pm - 4:00 pm
Room 151/153

2:00 pm  Roundtable Discussion with Audience QA

2:00 pm - 2:44 pm
Session I: Non-LM Bifurcation PCI — Understand the Lesion
Moderators: Goran Stankovic, Leif Thuesen
Discussants: Andrea Abizaid, Shao-Liang Chen, Javier Escaned, Miroslaw Ferenc, Bill D. Gogas, Hyeon-Cheol Gwon

2:00 pm  When Is a Side Branch Clinically Relevant
Lecturer: Yves R. Louvard

2:06 pm  Can We and Should We Use FFRIfRqFR to Guide the Bifurcation Strategy
Lecturer: Bon-Kwon Koo

2:14 pm  IVUS OCT Guidance of Non LM Bifurcation Stenting: When and How to Use it in Practice
Lecturer: Yoshinobu Onuma, Francesco Prati

2:22 pm  How to Deal With Difficult Non Left Main Bifurcation Anatomies: Side Branch Access Techniques
Lecturer: Philippe Garot

2:30 pm  Roundtable Discussion with Audience QA

2:44 pm - 4:00 pm
Session II: Non-LM Bifurcation PCI — Technique Selection
Moderators: Bernard R. Chevalier, Dean J. Kereiakes
Discussants: Salvatore Brugaletta, Niels R. Holm, Ghassan Kassab, Yves R. Louvard, Samin K. Sharma, Marco Zimarino

2:44 pm  How Do I Approach Non Left Main Bifurcation Branch Ostial Lesions
Lecturer: Hyeon-Cheol Gwon

2:51 pm  When and How to Debulk Bifurcation Lesion
Lecturer: Alaide Chieffo

2:58 pm  POT re POT other POT or No POT: The Same for All Bifurcations
Lecturer: Adrian P. Banning

3:05 pm  A New Treatment Classification From European Bifurcation Club
Lecturer: Francesco Burzotta

3:12 pm  Using Dedicated Bifurcation Stents in Clinical Practice
Lecturer: Carlo Briguori

3:19 pm  Roundtable Discussion with Audience QA

3:34 pm  An Age Old Debate: 2 Stents vs. 1 for True Bifurcation Lesions

3:44 pm  An Optimized Upfront Two Stent Strategy a.k.a. DK Crush Is My New Standard
Lecturer: James B. Hermiller Jr

3:42 pm  Provisional Stenting Remains the Reference and Preserves My Options
Lecturer: Goran Stankovic

3:50 pm  Roundtable Discussion With Audience QA
Lecturer: Goran Stankovic
5:00 PM  Best Diagnostic Modalities to Assess the Left Main Coronary Artery: Physiology Imaging or Both  
Lecturer: Andy S. Yong

5:07 PM  Case 3: A Patient With Complex Bifurcation Disease Simplified by Physiology  
Case Presenter: Bon-Kwon Koo

5:12 PM  Roundtable Discussion With Audience QA

5:16 PM  Pressure Flow and Long Term Outcomes: Updates From the IRIS Registry  
Lecturer: Jung-Min Ahn

5:23 PM  Roundtable Discussion With Audience QA

5:30 PM  Roundtable Discussion With Audience QA

5:35 PM  Assessment of Tandem Lesions and Diffuse Disease: How Physiology Helps in Procedural Planning  
Lecturer: Andrew Sharp

5:42 PM  Case 4: How Post PCI Physiology Changed My Management  
Case Presenter: Barry F. Uretsky

5:47 PM  The Value of Evaluating Shear Stress in Addition to FFR: A Better Predictor for Clinical Events  
Lecturer: Habib Samady

5:54 PM  Roundtable Discussion With Audience QA

---

**PULMONARY HYPERTENSION AND ACUTE AND CHRONIC PULMONARY EMBOLI THERAPIES: PART 1**

**Pulmonary Hypertension and Acute and Chronic Pulmonary Emboli Therapies: Part 1**

**Vascular**

**THURSDAY, SEPTEMBER 26, 2019**

4:00 PM - 6:00 PM  Room 156/158

4:00 PM - 6:00 PM  **Session I: Acute Pulmonary Embolism**  
Moderators: Robert A. Lookstein, Ido Weinberg  
Discussants: Vikas Aggarwal, Herbert D. Aronow, Matthew D. Bacchetta, Jay S. Giri, Andrew J. Klein, Peter P. Monteleone

4:00 PM  Preventing PE in the Cardiac Patient: What Therapies and for Whom  
Lecturer: Herbert D. Aronow

4:10 PM  Diagnosing Pulmonary Embolism: A Practical Approach  
Lecturer: Ido Weinberg

4:20 PM  PERT: Why and How  
Lecturer: Robert A. Lookstein

4:32 PM  Systemic Therapy for Acute PE: Options Effectiveness Safety  
Lecturer: Andrew Sharp

4:42 PM  Catheter Directed Therapy for Acute PE I: Indications Options Outcomes  
Lecturer: Vikas Aggarwal

4:52 PM  Catheter Directed Therapy for Acute PE II: Indications Options Outcomes  
Lecturer: Thomas M. Tu

5:02 PM  Utility and Risks of Vena Cava Filters to Prevent PE  
Lecturer: Riyaz Bashir

5:12 PM  Roundtable Discussion With Audience QA

5:30 PM  Case 1: Interventional Treatment of Acute Pulmonary Emboli  
Case Presenter: Philip Green

5:37 PM  Case 2: Interventional Treatment of Acute Pulmonary Emboli  
Case Presenter: Andrew J. Klein

5:45 PM  Case 3: Interventional Treatment of Acute Pulmonary Emboli  
Case Presenter: Gregory Piazza

5:52 PM  Roundtable Discussion With Audience QA

---

**STEMI, CARDIAC ARREST, AND CARDIOGENIC SHOCK: PART 1**

**STEMI, Cardiac Arrest, and Cardiogenic Shock: Part 1**

**Coronary: CHIP**

**THURSDAY, SEPTEMBER 26, 2019**

4:00 PM - 6:00 PM  Room 151/153

4:00 PM - 5:00 PM  **Session I: STEMI Challenges in 2019**  
Moderators: Timothy D. Henry, E. Magnus Ohman  
Discussants: David A. Cox, Suzanne de Waha-Thiele, Kelly C. Epps, Dipti Itchhaporia, Sameer Mehta, Binita Shah

4:00 PM  STEMI 2019: Who Are the High Risk Patients  
Lecturer: Andreas Baumbach

4:07 PM  A Womans Perspective: Minoca SCAD Takotsubo etc.  
Lecturer: Jacqueline Saw

4:14 PM  Get With the Guidelines: Delay 120 min. ED Bypass Registries Public Reporting etc.  
Lecturer: Jacqueline E. Tamis-Holland

4:21 PM  No Reflow: How to Prevent It and How to Fix It  
Lecturer: Mitul Patel

4:28 PM  Roundtable Discussion With Audience QA

4:35 PM  Infarct Size Reduction: From the First FDA Approved Therapy SSO2 to Novel Approaches  
Lecturer: Gregg W. Stone

4:45 PM  LV Unloading to Reduce Infarct Size: Rationale Completed Studies and Ongoing Trials  
Lecturer: Richard M. Zareba
TCT INNOVATION III. TCT SHARK TANK INNOVATION COMPETITION

THURSDAY, SEPTEMBER 26, 2019
8:00 AM - 12:00 PM
Innovation & Keynote Theater

8:00 AM TCT Shark Tank Innovation Competition
Lecturer: Juan F. Granada

8:08 AM Jon DeHaan Foundation Award for Interventional Innovation
Lecturer: Robert S. Schwartz

8:13 AM Introduction Rules and Guidelines
Lecturer: Louis Aaron Cannon

8:18 AM TCT Shark Tank Innovation Competition Finalists
8:18 AM Transcatheter Cardiac Leaflet Enhancer
CARLEN for Functional Mitral and Tricuspid Regurgitation Nyra Medical
Lecturer: Muralidhar Padala

8:28 AM Sharks Moderated QA
Lecturer: Muralidhar Padala

8:38 AM A New Non Radial Force Transcatheter Tricuspid Valve Replacement LuX Medical
Lecturer: Peng Cao

8:48 AM Sharks Moderated QA
Lecturer: Peng Cao

8:58 AM Rapid non invasive diagnostics for aortic stenosis and heart failure Avicena Vivio
Lecturer: Maria Csete

9:08 AM Sharks Moderated QA
Lecturer: Maria Csete

9:18 AM Restoring Damaged Arteries with Regenerative Stents STENTIT
Lecturer: Mari Sol Cabrera

9:28 AM Sharks Moderated QA
Lecturer: Mari Sol Cabrera

9:38 AM Renal Vein Pressure Decompression for Advanced Decompensated Heart Failure Magenta Medical
Lecturer: David D. Israeli

9:48 AM Sharks Moderated QA
Lecturer: David D. Israeli

9:58 AM Endovenous Valve Formation System for Deep Vein Reflux and Severe Chronic Venous Insufficiency Intervene Blue Leaf
Lecturer: Fletcher Wilson

10:08 AM Sharks Moderated QA
Lecturer: Fletcher Wilson

10:18 AM Creating a Clear Path for Your Continous ECG Signals SmartMedic
Lecturer: Adrian Maciejewski

10:28 AM Sharks Moderated QA
Lecturer: Adrian Maciejewski
10:38 AM  Early Feasibility of the Metavention Integrated Radio Frequency Nerve Ablation System to Improve Hyperglycemia and Fatty Liver in Type II Diabetic Subjects Metavention Lecturer: Felix Mahfoud

10:48 AM  Sharks Moderated QA Lecturer: Felix Mahfoud

10:58 AM  Transcatheter Papillary Muscle Repositioning Cardiac Success Lecturer: Boaz Manash

11:08 AM  Sharks Moderated QA Lecturer: Boaz Manash

11:18 AM  A Novel Stentless RF Based Shunt Solution for Advanced Heart Failure Noya Medical Lecturer: Chaim S. Lotan

11:28 AM  Sharks Moderated QA Lecturer: Chaim S. Lotan

11:38 AM  Brief Break for Final Jury Deliberations Closed Door Lecturer: Chaim S. Lotan

11:55 AM  Roundtable Discussion and Announcing Finalists Lecturer: Chaim S. Lotan

2:00 PM - 5:50 PM  Global Perspectives in MedTech Innovation II

2:00 PM  Session XI: Future Directions and Challenges in the MedTech Field Moderators: Robert M. Califf, Maulik Majmudar


2:00 PM  Featured Lecture: Clinical Validation of Emerging Technologies: In Which Direction is Global Landscape Changing Lecturer: Mitchell W. Krucoff

2:08 PM  The Next Big Thing Lecturer: Mitchell W. Krucoff

2:57 PM - 5:00 PM  Digital Health Care and Advanced Data Analytics Moderators: C. Michael GibsonDiscussants: Kenneth W. Mahaffey, Campbell Rogers, Nawal Roy, Partha Sardar, Jeroen Tas

2:57 PM  Session XII: Digital Hospital Systems and Health Care Delivery

2:57 PM - 5:00 PM  Digital Health Care and Advanced Data Analytics Moderators: C. Michael GibsonDiscussants: Kenneth W. Mahaffey, Campbell Rogers, Nawal Roy, Partha Sardar, Jeroen Tas

2:57 PM  Session XII: Digital Hospital Systems and Health Care Delivery

2:57 PM  Featured Fascinating Lectures Lecturer: C. Michael Gibson

3:36 PM  Session XIII: Machine Learning and Disease Risk Prediction Models

3:36 PM  Featured Fascinating Lectures Lecturer: C. Michael Gibson

3:43 PM  Applying Machine Learning to a Regional STEMI Dataset: Employing Neural Networks to Unravel New Patterns to Explain Etiopathology of Stroke after Aspiration Thrombectomy Lecturer: Keshav R. Nayak

3:50 PM  Machine Learning for Risk Prediction of Future Clinical Events in Patients with Acute Coronary Syndrome Undergoing Percutaneous Coronary Intervention Lecturer: Park Jin Sup

3:57 PM  Machine Learning Modelling versus STS-ACC TVT Score to Predict Mortality after Transcatheter Aortic Valve Replacement Lecturer: Pavel Overtchouk

4:04 PM  Moderated Panel Discussion Lecturer: Pavel Overtchouk

4:12 PM  Session XIV: Wearables Physiologic Monitoring and Data Sharing

Moderators: Robert A. Harrington

Moderators: Robert A. HarringtonModerators: Robert A. HarringtonDiscussants: Stefan Anker, Peter Carson, Neal L. EIGLE, Scott Lilly, Chaim S. Lotan

4:12 PM  Keynote Lecture: Reimagining Cardiology Practice with Wearables and Remote Monitoring Lecturer: Robert A. Harrington

4:22 PM  Featured Technological Trends Lecturer: Robert A. Harrington

FDA TOWN HALL MEETING PART 1: GOALS FOR 2019/2020

2:00 PM - 5:35 PM  Room 205-206

2:00 PM  Session I: CDRH/FDA Evolution: Focus on Total Product Life Cycle


2:00 PM  Keynote Lecture: FDACDRH The Year in Review Focus on CDRHs Total Product Life Cycle Concept Lecturer: William H. Maisel
THE STRUCTURAL HEART DISEASE IMAGING SYMPOSIUM: A JOINT SESSION WITH THE AMERICAN SOCIETY OF ECHOCARDIOGRAPHY

The Structural Heart Disease Imaging Symposium: A Joint Session With the American Society of Echocardiography

THURSDAY, SEPTEMBER 26, 2019
8:00 am - 11:00 am
Room 203

8:00 am - 9:00 am
Session I: Transcatheter Tricuspid Valve Interventions
Moderators: Rebecca T. Hahn Discussants: Richard Bae, João L. Cavalcante, Abdellaziz Dahou, Francesco Faletra, Roberto M. Lang, Thomas Smith

8:00 am
Echocardiographic Imaging of the Tricuspid Valve: Tips and Tricks
Lecturer: Richard Bae

8:10 am
Quantification of Tricuspid Regurgitation
Lecturer: João L. Cavalcante

8:25 am
Defining the TR Population: Key Role of Imaging
Lecturer: Rebecca T. Hahn

8:40 am
Tricuspid Valve Device Potpourri
Lecturer: Francesco Faletra

8:50 am
Roundtable Discussion with Audience QA

9:00 am - 10:00 am
Session II: Transcatheter Aortic Valve Replacement
Moderators: Linda D. Gillam, David Rubenson Discussants: Jae K. Oh, Philippe Pibarat, Cynthia Taub, William A. Zoghbi

9:00 am
Deciphering Discordant Measures of Aortic Stenosis
Lecturer: Philippe Pibarat

9:10 am
Assessment of Transcatheter Aortic Valve Area
Lecturer: Jae K. Oh
BELT AND ROAD INITIATIVE AT TCT 2019:
APPROACH TO HIGH-RISK PCI (EXPERIENCES FROM CHINA)

Belt and Road Initiative at TCT 2019: Approach to High-risk PCI
(Experiences from China)

THURSDAY, SEPTEMBER 26, 2019
8:15 AM - 9:45 AM
Presentation Theater 2

8:15 AM - 8:25 AM
Session I. Keynote Lecture #1: Current Approach for Left Main Bifurcation Stenting
Moderators: Shao-Liang Chen, Gregg W. Stone, Alan C. Yeung
Discussants: Haibo Jia, Chunguang Qiu, Tanveer Rab, Imad Sheiban, Yi-Da Tang, Fei Ye

8:15 AM
Keynote Lecture 1: Current Approach for Left Main Bifurcation Stenting
Lecturer: Shao-Liang Chen

8:25 AM - 9:00 AM
Session II. Case #1: A Staged PCI Case of Complex LAD/D1 Bifurcation Lesion After Sub-optimal Primary PCI for STEMI

SCAI ELM

8:25 AM
Case Introduction
Case Presenter: Li Li

8:29 AM
How Would I Treat
Lecturer: Ning Guo

8:33 AM
How Would I Treat
Lecturer: Bill D. Gogas

8:37 AM
How Would I Treat
Lecturer: Yong Zeng

8:41 AM
Roundtable Discussion With Audience QA

8:49 AM
Case Resolution: How Did I Treat This case
Lecturer: Li Li

8:57 AM
Final Discussion and Take home Messages

SCAI ELM

THURSDAY, SEPTEMBER 26, 2019
2:00 PM - 6:00 PM
Room 301

2:00 PM - 2:10 PM
Teambuilding in Cardiovascular Medicine
2:10 PM - 3:15 PM
Coronary Heart Team
Moderators: Ajay J. Kirtane, Ehtisham Mahmud
Discussants: Mauricio G. Cohen, Timothy D. Henry, Prashant Kaul, Srihari S. Naidu

2:10 PM Presentation of Case Study
Case Presenter: John W. Osborn

2:15 PM Coronary Heart Team Cardiology Perspective
Lecturer: Patrick W. Serruys

2:35 PM Coronary Heart Team Surgery Perspective
Lecturer: Michael J. Mack

2:55 PM Roundtable Discussion With Audience QA

3:15 PM - 4:25 PM
Valve Heart Team
Moderators: George D. Dangas, Matthew J. Daniels
Discussants: Vinayak N. Bapat, Martyn R. Thomas

3:15 PM Presentation of Case Study
Case Presenter: Megan Coylewright

3:20 PM TAVI: The Heart Team IC Perspective
Lecturer: Patrick W. Serruys

3:35 PM TAVI: The Heart Team Surgery Perspective
Lecturer: Michael J. Mack

3:50 PM TAVI: The Heart Team Imaging Perspective

4:05 PM Roundtable Discussion With Audience QA

4:25 PM - 4:35 PM
Break

4:35 PM - 5:55 PM
Endovascular Team
Moderators: Dmitriy N. Feldman
Discussants: Matthew T. Menard, Aman B. Patel, Frank J. Veith, Christopher J. White

4:35 PM Presentation of Case Study
Case Presenter: Stephen W. Waldo

4:40 PM Neurovascular Team IC Perspective
Lecturer: William A. Gray

4:55 PM Neurovascular Team Neurosurgery Perspective
Lecturer: Aman B. Patel

5:10 PM CLI Vascular Team IC Perspective
Lecturer: Christopher J. White

5:25 PM CLI Vascular Team Vascular Surgery Perspective
Lecturer: Frank J. Veith

5:40 PM Roundtable Discussion With Audience QA

5:55 PM - 6:00 PM
Conclusion
Discussant: Matthew J. Daniels, Dmitriy N. Feldman

JAPAN ENDOVASCULAR TREATMENT (JET) @ TCT

OCT GUIDING IN IN-STENT RESTENOSIS (ISR), PRESENTED BY THE NORDIC-BALTIC-BRITISH STUDY GROUP FOR INTERVENTIONAL CARDIOLOGY

JAPAN ENDOVASCULAR TREATMENT (JET) @ TCT
4:00 PM - 5:06 PM
International Session: OCT Guiding in In-Stent Restenosis (ISR)
Moderators: Evald H. Christiansen, Simon J. Walsh
Discussants: Andrejs Erglis, Peter O’Kane, James C. Spratt

4:00 PM Introduction
4:02 PM Case 1: OCT Guided Lesion Preparation in ISR
Case Presenter: Indulis Kumsars
4:09 PM Case 2: ISR Requires Stepwise OCT Guiding
Case Presenter: Jacob Odenstedt
4:16 PM Case 3: Same Strategy With or Without OCT in ISR
Case Presenter: Colm Hanratty
4:23 PM Case 4: OCT Guided Laser Therapy in ISR
Case Presenter: Peter O’Kane
4:30 PM Case 5: OCT Requires Careful Evaluation in ISR
Case Presenter: Lisette Okkels
4:37 PM Case 6 I Used OCT in this Calcified ISR
Case Presenter: Peep Laanmets
4:44 PM Case 7 Stent or Drug Coated Balloon in ISR Use OCT
4:51 PM Case 8 Vein Graft ISR. Findings by OCT
Case Presenter: Mette Gitz Charlot
4:58 PM Case 9 ISR: Make a Guess or Get Informed by OCT
Case Presenter: Stuart Watkins
5:05 PM Case 10 Take Home Messages
Lecturer: Evald H. Christiansen
INTERNATIONAL COMPLEX CASE SESSION III: FEATURED STRUCTURAL HEART DISEASE CASES

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Speaker</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:15 AM</td>
<td>TCT 1000: 73yo gentleman with NSTEMI. PCI to LMCA after MDT discussion. Admitted for staged PCI to stubborn calcified ostial RCA. Multiple NC balloon scoreflex and HSRA. IVUS revealed 360 degree calcific napkin ring not yielding. Eventually shockwave intravascular lithotripsy 4.0mm balloon with 80 pulses. Presenting Author: Ahmed Mahrous</td>
<td>Arabia, Saudi Arabia</td>
<td></td>
</tr>
<tr>
<td>9:15 AM</td>
<td>TCT 1001: Off label Use of Peripheral Lithotripsy Device for an Undilatable Coronary Stent due to Severe Coronary Calcification Presenting Author: Christine Chung</td>
<td>UK, London</td>
<td></td>
</tr>
<tr>
<td>9:15 AM</td>
<td>TCT 1002: Successful percutaneous coronary intervention for severe calcified and tortuous functional chronic total occlusion lesion using a novel 0.03 inch semi compliant balloon and rotational atherectomy Presenting Author: Daisuke Terashita</td>
<td>Japan, Tokyo</td>
<td></td>
</tr>
<tr>
<td>9:15 AM</td>
<td>TCT 1003: Young man with hyperparathyroidism and subtotal heavily calcific LAD D bifurcation lesion done by rotablation Presenting Author: Mohammad Shafiq</td>
<td>Saudi Arabia, Riyadh</td>
<td></td>
</tr>
<tr>
<td>9:15 AM</td>
<td>TCT 1005: Calcified distal left main and intravascular lithotripsy Presenting Author: Richard Chang</td>
<td>USA, New York</td>
<td></td>
</tr>
<tr>
<td>9:15 AM</td>
<td>TCT 1006: A successful rotational atherectomy for severely tortuous and calcified lesion with double courses in the left circumflex artery using a 5F child catheter. Presenting Author: Richard Chang</td>
<td>USA, New York</td>
<td></td>
</tr>
</tbody>
</table>
9:15 AM | TCT 1007: USE OF NOVEL HIGH PRESSURE NC BALLOON FOR CALCIFIC LESIONS  
Presenting Author: Sachin T. Hundekari

9:15 AM | TCT 1008: Brachytherapy And Laser Atherectomy Of Recalcitrant Three Layer In Stent Restenosis In An Anomalous Right Coronary Artery Via Ulnar Access  
Presenting Author: Sameer Nagpal

9:15 AM | TCT 1009: Stuck between a rock and a hard place  
Presenting Author: SATYA NEIL

9:15 AM | TCT 1010: Changing paradigm for treatment of heavily calcified coronary artery disease: complementary role of rotational atherectomy and intra coronary lithotripsy Shock Wave angioplasty  
Presenting Author: Shana Tehrani

9:15 AM | TCT 1011: Stentablation as a bail out for severe underexpansion of stent due to circumferential calcium  
Presenting Author: Stalin Roy

9:15 AM | TCT 1012: Successful percutaneous extraction of an entrapped rotablation burr during CTO recanalization  
Presenting Author: Tobias Rheude

9:15 AM - 10:45 AM
Coronary II
Discussant: Eulogio J. Garcia, Kirk N. Garratt, Alejandro Goldsmit, James A. Goldstein, Tarek Helmy, Borja Ibáñez, Yuji Ikari, Ciro Indolfi, Jens R. Jensen, Kee-Sik Kim, Nicholas Nodar Kipshidze, Nick Lakkis, Randall J. Lee

9:15 AM | TCT 1013: 84 YEAR OLD Unstable angina with Calcified vessels and LMCA with Double vessel disease : ROTA with POBA of RCA with LMCA and LAD planned for next sitting  
Presenting Author: Vivek Gupta

9:15 AM | TCT 1014: A Successful CTO Case due to double atherectomy lesions in severely calcified lesions.  
Presenting Author: Yamazaki Seiji

9:15 AM | TCT 1015: Challenging LM CX WiringandRotablation  
Presenting Author: Zisis Dimitriadis

9:15 AM | TCT 1016: Navigating the Labyrinth: STEMI in a Patient with Complex Congenital Heart Disease.  
Presenting Author: Adam Taleb

9:15 AM | TCT 1017: Acute instant thrombosis in a patient who had iron deficiency anemia due to intestinal arteriovenous malformation essential thrombocytosis and acute coronary syndrome treated with bare metal stent and balloon angioplasty  
Presenting Author: Addis Asfaw

9:15 AM | TCT 1018: A Tale Of Two Cases Of In Stent Thrombosis OCT guided management  
Presenting Author: adham almowafy

9:15 AM | TCT 1019: THROMBOASPIRATION WITHOUT STENTING IN PATIENT WITH ANTERIOR STEMI  
Presenting Author: Avtandil Babunashvili

9:15 AM | TCT 1020: Coil embolisation of fistula of left internal mammary artery to pulmonaryvasculatoures in unstable angina. 1 year follow up.  
Presenting Author: Bartolomej Guzik

9:15 AM | TCT 1021: Treatment of underexpanded coronary stent 3 years after implantation

9:15 AM | TCT 1022: A case of OCT guided bifurcation PCI of dissected coronaries using Double Kissing DK Crush technique in patient with acute coronary syndrome  
Presenting Author: Bhavanadhar Penta

9:15 AM | TCT 1023: Left main intervention in STEMI A bridge too far  
Presenting Author: CHAKRARHAVI KESHAVAMURTHY

9:15 AM | TCT 1024: STEMI: Where the Thrombus Hides  
Presenting Author: Debapria Das

9:15 AM | TCT 1025: Rare case of large and medium size vessel vasculitis with coronary manifestation  
Presenting Author: Fabian Plank

Presenting Author: Francisco Javier Lacunza

9:15 AM - 10:45 AM
Coronary III

9:15 AM | TCT 1027: PATCHING WIRE FRACTURES  
Presenting Author: GAGAN JAIN

9:15 AM | TCT 1028: From spontaneous to iatrogenic coronary artery dissections  
Presenting Author: Giagio Quadri

9:15 AM | TCT 1029: CoronaryArteryHematomaTreated withFenestrationby Using a Wolverine Cutting Balloon  
Presenting Author: Kanichi Otawa

9:15 AM | TCT 1030: Burrs balloons and happy ends  
Presenting Author: Amr Elfaramawy

9:15 AM | TCT 1031: Challenging Revascularisation of A Subtotal Stenosis The Left CircumflexArteryUsing Drug Eluting Balloons  
Presenting Author: CHAN HO THUM

9:15 AM | TCT 1032: PTCA of LIMA to LAD Graft Using Drug Eluting Balloon  
Presenting Author: Milan Cheg

9:15 AM | TCT 1033: SELUTION SLR 014 DEB: A novel sirolimus eluting balloon with sustained release offering a viable option for treating small to very small sidebranches: A successful case treating the 1st Diagonal.  
Presenting Author: MS Hiremath

9:15 AM | TCT 1034: SELUTION SLR 014 DEB: Providing a solution for small to very small vessel disease. A novel Sirolimus Drug Eluting Balloon with sustained limus release for treating a highly occluded RCA  
Presenting Author: Praveen Chandra

9:15 AM | TCT 1035: Managing Bifurcation ISR  
Presenting Author: Rahul Chhabria

9:15 AM | TCT 1036: Far far away  
Presenting Author: ChunWei Lee

9:15 AM | TCT 1037: CABB vs PCI in Left Main Associated Multivessel Disease: A Heart Team Discussion
Presenting Author: Linle Hou
9:15 AM
TCT 1038: Retrograde Recanalization of Ostial Right Coronary Artery Chronic Total Occlusion via Oculused Vein Graft
Presenting Author: Yuxiang Dai

9:15 AM - 10:45 AM
Endovascular I
Discussant: Teresa L. Carman, Alejandro Cherro, Daniel G. Clair, Steve Henao, Khusrow Niazi

9:15 AM
TCT 1039: Renal artery stenting. To whom it can concern
Presenting Author: Inna Khasyanova

9:15 AM
TCT 1040: Varying results of intervention in transplant renal artery stenosis
Presenting Author: KRISHNAKISHORE GOYAL

9:15 AM - 10:45 AM
Structural I

9:15 AM
TCT 1041: Blood sparing removal technique of extracorporeal membrane oxygenation ECMO circuit in a Jehovahs Witness patient unable to receive blood transfusions
Presenting Author: Sang Min Park

9:15 AM
TCT 1042: Single Leaflet Device Attachment Complicating Percutaneous Edge to Edge Repair of the Tricuspid Valve using the MitraClip
Presenting Author: So Chak Yu

9:15 AM
TCT 1043: Percutaneous Use of the AngioVac System in Endocarditis Patients Who Are Poor Surgical Candidates
Presenting Author: Rudin Gjeka

9:15 AM
TCT 1044: To do or not to do
Presenting Author: Puneet Sharma

9:15 AM
TCT 1045: Transcatheter implantation of the Tricento valve for severe tricuspid regurgitation Advanced intraprocedural imaging in a challenging structural case
Presenting Author: Paul Werner

9:15 AM
TCT 1046: Tricento transcatheter heart valve for severe tricuspid regurgitation.
Presenting Author: Matteo Montorfano

9:15 AM
TCT 1047: Percutaneous transjugular tricuspid valve in valve implantation for degenerated surgical bioprosthesis valve
Presenting Author: Marco Ancona

9:15 AM
TCT 1048: The Use of Aspiration Based Tricuspid Valve Endocarditis Debridement: A Case Highlighting Imaging Based Modifications in a High Risk Clinical Scenario
Presenting Author: Manesh Parikshak

9:15 AM
TCT 1049: Valve in Ring Transcatheter Heart Valve Implantation for Severe Tricuspid Regurgitation.
Presenting Author: Leigh Cummins

9:15 AM
TCT 1050: One Last Effort Transcatheter Debulking of a Bioprosthetic Tricuspid Valve Endocarditis
Presenting Author: Amir Eslami

9:15 AM
TCT 1051: Left atrial appendage closure in a patient with cor triatriatum
Presenting Author: Jorge Palazuelos

9:15 AM
TCT 1052: Minimally invasive transesophageal echocardiography for left atrial appendage occlusion with a last generation micro probe.
Presenting Author: Gustavo Jimenez

9:15 AM
TCT 1053: CHOICE OF SUITABLE NET BENEFIT IN A PATIENT WITH ISCHEMIC AND BLEEDING CONCERNS: A PERCUTANEOUS APPROACH
Presenting Author: Cristiano Guedes Bezerra

9:15 AM - 10:45 AM
Structural II
Discussant: Carla Agatiello, Martine Gilard, Matthias Göteborg, Pranav Loyalka, Antonio Mangieri, Michael J. Mullen, Vivian G. Ng, Brad Oldemeyer, Goran K. Olivecrona, Ali Ota, Jorge Palazuelos, Mehul Patel

9:15 AM
TCT 1054: Catch of the day A report of joined forces for catching an embolized left atrial appendage device
Presenting Author: Christian Ukena

9:15 AM
TCT 1055: Percutaneous left atrial appendage occlusion in the presence of thrombus
Presenting Author: Apostolos Tzikas

9:15 AM
TCT 1056: Valve in Valve with Allegro Device and Left Main Stent: To Deliver or Not to Deliver.
Presenting Author: Ariana González

9:15 AM
TCT 1057: The first reported case of an Evolut Pro valve useto rescue an embolized Sapien3 valve in aortic arch
Presenting Author: Ashequl Islam

9:15 AM
TCT 1058: Aortic valve in valve a challenging case
Presenting Author: Babu Ezhumalai

9:15 AM
TCT 1059: Femoral Gore Tex Graft is Not a Contraindication to Large Bore Access: A SuccessfulTranscatheter Aortic Valve Replacement via a Aorto bifemoralBypass Graft.
Presenting Author: Bradley Deere

9:15 AM
TCT 1060: Suffbox approach for aortic stenosis
Presenting Author: Carla Tumscitz

9:15 AM
TCT 1061: 87 years old female planned for valve in valve TAVI procedure
Presenting Author: Christian Raguiev

9:15 AM
TCT 1062: The Importance of Pre Transcatheter Aortic Valve Implantation Coronary Revascularization: A Case of ST Elevations Due to Obstruction of the Left Internal Mammary Artery During Axillary Transcatheter Aortic Valve Implantation
Presenting Author: Clive Goulbourne

9:15 AM
TCT 1063: Mechanical Circulatory Support for Acute Severe Prosthetic Aortic Regurgitation: A Short Term Bridge to TAVR
Presenting Author: Craig Tucker

9:15 AM
TCT 1064: Successful Conservative Management of Left Ventricular Perforation During Transcatheter Aortic Valve Replacement
Presenting Author: Daniele Di Stefano

9:15 AM
TCT 1065: BASILICA for a failed transcatheter balloon expandable valve
Presenting Author: Danny Dvir
# CHALLENGING CASES 2

**Structural: Valve**  
**Coronary: CHIP**  
**Coronary: Core**  
**Structural: Non-Valve**

**THURSDAY, SEPTEMBER 26, 2019**  
**Hall D, Exhibition Level, Moscone South**

## 2:00 PM - 3:30 PM

### Coronary IV


#### TCT 1068: SS02 Therapy STEMI Case Studies  
**Presenting Author:** amir iotfi

#### TCT 1069: a case of spontaneous dissection of LAD leading to acute anterior wall STEMI and post thrombolytic therapy management of the dissection by stenting. Bibhash R Nath MBBS MD FCS(India AMRI Salt Lake Hospital Kolkata India)  
**Presenting Author:** Bibhash R Nath

#### TCT 1070: Which way is the right one  
**Presenting Author:** David Baghasaryan

#### TCT 1071: Post MI Ventricular Septal Rupture DEVICE CLOSURE  
**Presenting Author:** Ramakrishna Chengala Damodara

#### TCT 1072: Inferior wall STEMI in a patient affected by anomalous origin of RCA from LMCA and subsequent coursing between Aorta and Pulmonary Artery Trunk: steep angles and deep diveres.  
**Presenting Author:** Filippo Zilio

#### TCT 1073: Cardiogenic shock after primary PCI  
**Presenting Author:** GOUTAM DATTA

#### TCT 1074: Left main coronary artery thrombosis with acute global myocardial ischemia: a challenge in patient management  
**Presenting Author:** Guenter Klappecher

#### TCT 1075: Pre and Post Stenting Manual Aspiration for Heavy Thrombus Loaded Vessel in Primary PCI via Trans Radial Artery Approach with Sheathless 7Fr Normal Guiding Catheter System: A case report  
**Presenting Author:** Hung Ngo

#### TCT 1076: Salvage of Simultaneous Acute Coronary Closure and Access Bleeding Using Veno Arterial Extracorporeal Membrane Oxygenation and Chronic Total Occlusion Percutaneous Coronary Intervention Techniques in a Patient With ST Segment Elevation Myocardial Infarction  
**Presenting Author:** Joseph Xenogianissis

#### TCT 1077: Successful Coronary Intervention for An Acute Myocardial Infarction as a Result of Spontaneous Left Main Coronary Artery Dissection  
**Presenting Author:** Ji Su Mok

#### TCT 1078: Left Main V Stenting during Primary PTCA  
**Presenting Author:** JINESH THOMAS

#### TCT 1079: Gadolinium based coronary angiography in a patient with prior known anaphylaxis to iodine based dye.  
**Presenting Author:** Rahul Vasudev

#### TCT 1080: When aspirin may be a bridge in patients undergoing non cardiac surgery.  
**Presenting Author:** Roberta Rossini

#### TCT 1081: Looking into the Future: Optical Coherence Tomography for the Assessment of Cardiac Allograft Vasculopathy  
**Presenting Author:** Amit Alam

#### TCT 1082: Epicardial coronary spasm due to endothelial dysfunction after spontaneous coronary artery dissection  
**Presenting Author:** Valérie E. Stegehuis

#### TCT 1083: How to Perform Ostial Coronary Stenting Without Contrast Administration in a Patient With Severe Renal Failure  
**Presenting Author:** Jerzy Saca

#### TCT 1084: Successful use of Bi Pella mechanical circulatory support and IABP in a patient with STEMI biventricular failure and cardiogenic shock.  
**Presenting Author:** Abdisamad Ibrahim

#### TCT 1085: High Risk PCI with Mechanical Circulatory Support from Alternate Access Site for Cardiogenic Shock  
**Presenting Author:** Abhishek C. Sawant

#### TCT 1086: Demonstration of Loss of Arterial Pulsatility in Cardiogenic Shock in Atrial Flutter with Rapid Ventricular Response  
**Presenting Author:** ahmed souka

#### TCT 1087: ECMO bridge between vascular disaster and rescue  
**Presenting Author:** Andrey Sidorenko

#### TCT 1088: Emergent Placement of a Transcaval Impella CP in patient with Cardiac Arrest following an Anterior STEMI  
**Presenting Author:** Charles Cui

#### TCT 1089: A case of spontaneous coronary artery rupture treated with coil embolization  
**Presenting Author:** Fujimoto Daichi

#### TCT 1090: Unvascularized inferior MI what lies in the aorta  
**Presenting Author:** Eben Eno

#### TCT 1091: Bi ventricular support with oxygenator as alternative to VA ECMO in cases refractory cardiopulmonary failure  
**Presenting Author:** Anthony Pisaniello
Presenting Author: HASSAN ALKHAWAM

2:00 pm  TCT 1092: Primary PCI through Puncture of VAECMO circuit followed by contralateral iliac stenting for IABP for LV venting
Presentation Author: Ivan Wong

2:00 pm  TCT 1093: Double trouble: a dramatic case with a fortunate ending
Presentation Author: Joel Monteiro

2:00 pm  TCT 1094: Peripartum Cardiomyopathy: An Ominous New Beginning
Presentation Author: Karim Abdur Rehman

2:00 pm  TCT 1095: Successful Treatment of the Left Main Coronary Artery with Impella PC Circulatory Mechanical Support and Rotational Atherectomy: When Optical Coherence Tomography Changes the Strategy
Presentation Author: Luis Augusto Palma Dallan

2:00 pm  TCT 1096: Percutaneous Transcatheter Closure of a Large SVG Aneurysm with Amplatzer Vascular Plug
Presentation Author: Cihan Cevik

2:00 pm  TCT 1097: Unexplained Vascular Anomaly Arising from a Left Internal Mammary Artery Graft
Presentation Author: Joel Lardizabal

2:00 pm - 3:30 pm
Coronary VI
Discussant: Shams Munwar, Gregory W. Serrao, Dmitry P. Stolyarov, Nadia R. Sutton, Ernesto M. Torresani, Frek Verheugt, George J. Vlachojannis, Stephen W. Waldo, Jian'an Wang, Tracy Y. Wang, Zhao Wang, Mark W.J. Webster, Hadley Wilson, Junqing Yang, Wei-Hsian Yin, Alexandre C. Zago

2:00 pm  TCT 1098: Two culprit vessels a case of primary PCI in STEMI
Presentation Author: LI ZHOU

2:00 pm  TCT 1099: Chronic Total Occlusion in Transplanted Heart is Not a Catastrophe.
Presentation Author: Nikolai Strygo

2:00 pm  TCT 1100: Ultrasound guided vascular access
Presentation Author: Ahmed Amro

2:00 pm  TCT 1101: Use of VCD for Faster and Safer Ambulation: A Case
Presentation Author: Jaspal Singh Arneja

2:00 pm  TCT 1102: Fill two needs with one deed Percutaneous coronary intervention through the Impella system sheath. A new strategy to limit number of access sites in high risk patients.
Presentation Author: TAHA AHMED

2:00 pm  TCT 1104: Successful intravascular ultrasonogramIVUS guided percutaneous coronary interventionPCI for intramural hematoma in left main stem followed by stenting in proximal and mid left anterior descending arteryLAD in patient with multivessel disease
Presentation Author: Seung Uk Lee

2:00 pm  TCT 1105: Radial Access and CHIP Are They Compatible
Presentation Author: Shaheila Nasin

2:00 pm  TCT 1106: Extracorporeal Membrane Oxygenation Assisted Left Main Percutaneous Coronary Intervention in a High risk patient
Presentation Author: Shahrukh Hashmani

2:00 pm  TCT 1107: Intervention of Hemodynamically significant stenosis of a diffusely diseased coronary artery not amenable to bypass surgery
Presentation Author: Shareez Peerbhain

2:00 pm  TCT 1108: IVUS and Calcification Guided PCI With Minimal Contrast For LMT and LAD Lesions
Presentation Author: Shinichiro Yamada

2:00 pm  TCT 1109: A case of long RCA CTO lesion with double 360 loops
Presentation Author: Shoko Doi

2:00 pm  TCT 1110: Complete revascularization with three PCI sessions could bail the patient out of critical situation The case report
Presentation Author: Shota Naniwa

2:00 pm  TCT 1111: Mission possible: a case of anomalous RCATOC
Presentation Author: Shukun Zhu

2:00 pm  TCT 1112: Combined technique of rotational atherectomy and intravascular lithotripsy for treatment of a very calcified coronary lesion.
Presentation Author: Simone Muraglia

2:00 pm  TCT 1113: LADD1 bifurcation by DK Crush Technique in acute MI setting
Presentation Author: SM Mostafa Zaman

2:00 pm - 3:30 pm
Endovascular II

2:00 pm  TCT 1103: Iliopsoas muscle pseudoaneurysm following Impella supported left main PCI in patient with cardiogenic shock
Presentation Author: Zoran Lasic

2:00 pm  TCT 1166: When all hope vanishes an archaic procedure revisited
Presentation Author: Abraham Paul

2:00 pm  TCT 1167: 3D fusion guided endovascular repair of iatrogenic common iliac artery aneurysm
Presentation Author: Anton Khilchuk

2:00 pm  TCT 1168: TRANSCATHETER DEVICE CLOSURE OF LARGE SINUS OF VALSALVA ANEURYSM WITH STORMY POSTOPERATIVE PERIOD.
Presentation Author: ATUL PATIL

2:00 pm  TCT 1169: Percutaneous Revasculization of occluded abdominal aorta and bilateral iliac disease.
Presentation Author: Christos Christou

2:00 pm  TCT 1170: VANISHING GRADIENTS AN UNUSUAL CASE OF TEVAR IN A YOUNG MALE WITH COARTATION OF AORTA WITH THORACIC SACULAR ANEURYSM WITH HREF.
Presentation Author: DHEERAJ GANDOTRA

2:00 pm  TCT 1171: TAVI and double TEVAR for aortic aneurism and type A aortic dissection: case management and 18 month clinical and imaging follow up
Presentation Author: Gabriele Pesarini

2:00 pm  TCT 1172: Traumatic aortic pseudoaneurysm intervention with an endovascular graft Should we or should we not
2:00 PM - 2:30 PM
TCT 1173: Repair Of Juxtrarenal Type I Endoleak Post EVAR With Extension Of Abdominal Aortic Stent Graft And Placement Of Bilateral Renal Chimney Grafts.
Presenting Author: Harinder K. Bali

2:00 PM - 2:30 PM
TCT 1174: Percutaneous Exclusion Of A Giant Ascending Aortic Pseudoaneurysm
Presenting Author: Harsh Agrawal

2:00 PM - 2:30 PM
TCT 1175: Endovascular repair of tandem saccular abdominal aortic aneurysms with fenestrated endografts amp treatment of complications at follow up.
Presenting Author: Harsha Perla

2:00 PM - 2:30 PM
Presenting Author: Hector Malave

2:00 PM - 2:30 PM
TCT 1177: Successful EVAR for patients with anatomically unsuitable abdominal aortic aneurysm
Presenting Author: Hun-Tae Kim

2:00 PM - 2:30 PM
TCT 1178: Total Endovascular Repair of a Rare Caseof Type II Thoracoabdominal Aneurysm dueToTakayasu Arteritis
Presenting Author: JENA ANUPAM

2:00 PM - 3:30 PM
Coronary VIII

2:00 PM - 2:30 PM
TCT 1114: Primary PCI with a secondary shock...always expect the unexpected.
Presenting Author: SOUMEN CHAKRABORTY

2:00 PM - 2:30 PM
TCT 1115: Between a rock and a hard place
Presenting Author: Sreenivasa Rao Kondapally

2:00 PM - 2:30 PM
TCT 1116: In stent restenosis due to underexpanded stent successfully treated with IntraVascular Lithotripsy Shock wave and Drug coated balloon: OCT evaluation
Presenting Author: Stefano Galli

2:00 PM - 2:30 PM
TCT 1117: DEFORMED STENT FOLLOWUP
Presenting Author: Subburaja T

2:00 PM - 2:30 PM
TCT 1118: Post IVL complication in heavily Calcified plaque
Presenting Author: Subramanya Upadhyaya

2:00 PM - 2:30 PM
TCT 1119: A Stubborn Undilatatable CTO
Presenting Author: Suleman Muhammad

2:00 PM - 2:30 PM
TCT 1120: LMCA TO LAD Inferior wall MI Mild LV Disfunction HTN Recurrent Angina with ECG changes Severe PVD with BL Femoral Right Brachial and aortic Obstruction History of Cranioamy for SDH 15yrs ago AKlacute Kidney Injury CAG:Calcified coronaries LMCA Disease with Severe TVD PCI done with LY Radial Access
Presenting Author: Surya Prakash Gulla

2:00 PM - 2:30 PM
TCT 1121: A Troublesome Case of Recurrent In stent Restenosis of Calcified Right Coronary Artery: Treatment by Rotablation and Bioabsorbable Vascular Scaffold
Presenting Author: TAILI LJU

2:00 PM - 2:30 PM
TCT 1122: P.PCI followed by Bifurcation lesion Treated with DK Crush
Presenting Author: Tawfiq Shahir Huq

2:00 PM - 2:30 PM
TCT 1123: Late presenting MI with a twist
Presenting Author: Tora Leong

2:00 PM - 2:30 PM
TCT 1124: WHICH IS MAIN BRANCH IN LEFT MAIN BIFURCATION STENTING
Presenting Author: VASUDEVA CHETTY PAKALA

2:00 PM - 2:30 PM
TCT 1125: Successful PCI for Intra Stent Chronic Total Occlusion Assisted by IVUS guided Active Antegrade True Lumen Seeking Technique
Presenting Author: Yi Xu

2:00 PM - 2:30 PM
TCT 1126: A Case of Both Left and Right Coronary Ostial Occlusions with Coronary Aorta Bypass Graft Failure
Presenting Author: Yoshinobu Murasato

2:00 PM - 2:30 PM
TCT 1127: LAD CTO PCI: Staged Treatment
Presenting Author: YOU JIEYUN

2:00 PM - 2:30 PM
TCT 1128: Extremely unusual complication: Aortic perforation in a young CTO patient
Presenting Author: Berglind Libungan

2:00 PM - 2:30 PM
TCT 1129: Compartment syndrome of left forearm late onset complication of radial angiography during thrombolytic treatment
Presenting Author: Beytullah Çakal

2:00 PM - 2:30 PM
TCT 1130: MULTIPLE UNEXPECTED TRAGEDIES TO TACKLE IN SINGLE INTERVENTION
Presenting Author: bhavidra ramkumar

2:00 PM - 2:30 PM
TCT 1131: Bail Out of A Disaster by A Broken Stent Delivery Catheter Stuck in Proximal Left Anterior Coronary Artery
Presenting Author: Bong-Ki Lee

2:00 PM - 2:30 PM
TCT 1132: Tackling a tight loop in right brachial artery: A nightmare
Presenting Author: C M Shaheen Kabir

2:00 PM - 2:30 PM
TCT 1133: Broken Wire Retrieve During RCA CTO Recanalization
Presenting Author: Cheng-Yen Chuang

2:00 PM - 2:30 PM
TCT 1134: Management of a complication during Rotational Atherectomy
Presenting Author: Christian Backhouse

2:00 PM - 2:30 PM
TCT 1135: How long can a stent be or how long can a stent be stretched
Presenting Author: Davide Sala

2:00 PM - 2:30 PM
TCT 1136: Longitudinal stent compression of proximal RCA
Presenting Author: Dhinesh David

2:00 PM - 2:30 PM
TCT 1137: Making a brand new start of the last occluded artery
Presenting Author: Sonal V. Rao
2:00 PM - Coronary IX
Discussant: Mauro Carlino, Angela Hoye, Martin Hudec, Adam Janas, Michael C. C. Kim, Lloyd W. Klein, Bernardo Kremer Diniz Gonçalves, Sampath Kumar, Joo Myung Lee

2:00 PM - TCT 1144: Involuntary Glandoplasty during calcific LAD PCI resulting in Intramural Hematoma of trifurcated Left Main
Presenting Author: Francesco Lavarra

2:00 PM - TCT 1145: BAIL OUT UNEXPANDED STENT IMPLANTATION IN ACUTE LEFT MAIN DISSECTION TREATED WITH INTRA CORONARY LITHOTRIPSY: A CASE REPORT
Presenting Author: Gabriele Tumminello

2:00 PM - TCT 1146: A novel approach for percutaneous retrieval of entrapped broken balloon catheter
Presenting Author: Geili Abdalla

2:00 PM - TCT 1147: Case report Complication
Presenting Author: Georgios Triantis

2:00 PM - TCT 1148: Coronary Atherectomy Perforation Loss of Pulsatile Arterial Flow and Successful Percutaneous Treatment: When Impella Support Prevents Catastrophe
Presenting Author: Graham Peigh

2:00 PM - TCT 1149: Successful retrieval of a migrated coronary stent floating in the ascending aorta
Presenting Author: Hyunsu Kim

2:00 PM - TCT 1150: Stent dislodge during right coronary artery intervention
Presenting Author: I Made Junior Rina Artha

2:00 PM - TCT 1151: Management of Mycotic aneurysm of LAD a very rare post PCI complication
Presenting Author: Imran Ifitkhar

2:00 PM - TCT 1152: Intracranial Bleed Rare and Forgotten Complication of PCI
Presenting Author: Imran Tarrar

2:00 PM - TCT 1153: Don't Discount The Side Branch - Right Ventricular Branch and Side Branch Occlusions Following Percutaneous Coronary Intervention Complicated by Isolated Right Ventricular Infarct Leading to Right Ventricular Failure and Cardiogenic Shock that was Rescued with Temporary RVAD Support
Presenting Author: Faisal Sharif

2:00 PM - Coronary X

2:00 PM - TCT 1158: Thrombus withdrawal in coronary bifurcation through a neurovascular thrombectomy device
Presenting Author: Alexandre C. Zago

2:00 PM - TCT 1159: Complex revascularization of the superior mesenteric artery and right coronary artery thromboembolism from a bioprosthetic aortic valve in a patient presenting with simultaneous acute mesenteric ischemia and myocardial infarction
Presenting Author: Amir Naderi

2:00 PM - TCT 1160: Superior vena cava SVC syndrome jailed away
Presenting Author: Roberto Martinez-Parachini

2:00 PM - TCT 1161: Endovascular extraction of hepatocellular carcinoma tumor thrombus in the inferior vena cava and right atrium by AngloVac aspiration device
Presenting Author: Jason Cuomo

2:00 PM - TCT 1162: Restoring valve competency with mechanical thrombectomy for deep vein thrombosis
Presenting Author: Luay Sayed

2:00 PM - TCT 1163: NSTEMI in a 16 year old due to thromboembolism. Should you stent
Presenting Author: Stephen Wilkinson

2:00 PM - TCT 1164: Bailout procedure may be the only option for patient survival in critical situations
Presenting Author: Tamer Alashkar

2:00 PM - TCT 1165: Acute Myocardial Infarction in a Patient with End Stage Heart Failure on Permanent Left Ventricular Assist Device: Not a Serious Worry
Presenting Author: Wladyslaw Dabrowski
2:00 PM | Structural IV

**TCT 1180**: Successful intracoronary lithotripsy and balloon aortic valvuloplasty through left trans ulnar access in a low EF patient with severe aortic stenosis
Presenting Author: Konstantinos Kalogeras

**TCT 1181**: Veno arterial pulmonary connection as an alternative to veno arterial venous connection in cases with North South Syndrome and right ventricular failure on veno arterial ECMO
Presenting Author: Stephanie Windish

**TCT 1182**: FROM WEANING TO WINNING
Presenting Author: MARIA MONTEAGUDO VELA

**TCT 1183**: External Compression of an LVAD Outflow Graft: Percutaneous Management
Presenting Author: David Cohen

**TCT 1184**: Persistence and distortion of electrical activity in the left atrial appendage five years after endovascular occlusion
Presenting Author: Rohit Kharbanda

**TCT 1185**: Percutaneous management of incomplete surgical left atrial appendage closure. Definition of incomplete surgical closure Risk Management Percutaneous Closure if High Bleeding Risk. How to select the appropriate Percutaneous closure device post incomplete surgical ligation.
Presenting Author: saifwan kassas

**TCT 1186**: Parallel balloon assisted tracking technique to overcome a severe calcified and tortuous aortic arch during Evolut R implantation
Presenting Author: juan M. valle raleigh

**TCT 1187**: Successful bailout of ventricular septal defect after transcatheter aortic valve implantation by a second prosthesis valve
Presenting Author: Kazuma Yamasaki

**TCT 1188**: A case of TAVR for the patient with low flow low gradient severe AS severe MR and two vessel chronic total occlusion lesion
Presenting Author: Kazuya Sasaki

**TCT 1189**: The Use of TAVR in TAVR Upsizing for Bioprosthetic Valve Stenosis in a High Risk Patient
Presenting Author: keem Patel

**TCT 1190**: Successful transcatheter aortic valve implantation in a patient with bicuspid aortic valve with the large annulus and severe left ventricular systolic dysfunction.
Presenting Author: Kiwamu Kamiya

**TCT 1191**: Shall I deploy the stent
Presenting Author: KL Chui

**TCT 1192**: When the Valve Folds In Instead of Popping Out: A Challenging TAVR Implant
Presenting Author: Laurie Bassory

**TCT 1193**: Old meets new Valve in valve TAVI for the Enable dysfunction first in human sutureless aortic valve.
Presenting Author: Magdalena Bryndza

**TCT 1194**: Antegrade transcervical transseptal wiring of a degenerated Mitroflow bioprosthesis which could not be crossed retrogradely for Valve in Valve procedure.
Presenting Author: Magdalena Cuman

2:00 PM - 3:30 PM | Structural IV

**TCT 1195**: Concomitant Transcatheter Aortic Valve Replacement and Left Main Coronary Intervention in the Era of Mechanical Support
Presenting Author: Majid Asaawer

**TCT 1196**: Use of an Arteriovenous Loop to Facilitate Transcatheter Aortic Valve Alignment in a Patient with Giant Ascending Aortic Aneurysm.
Presenting Author: Marco Hernández Enriquez

**TCT 1197**: Transaxillar Valve in valve VIV Transcatheter Aortic Valve Replacement TAVR followed by Bioprosthetic Valve Fracture
Presenting Author: Markus Florian Krakhardt

**TCT 1198**: Urgent TAVR in the Setting of Severe Aortic Valve Disease Complicated by Cardiogenic Shock in a Patient at Extreme Risk for Surgery
Presenting Author: Marvin Kajy

**TCT 1199**: Edge to Edge MitraClip Repair in the Setting of Acute Myocardial Infarction and Papillary Muscle Rupture: A Multidisciplinary Heart Team Approach
Presenting Author: David G. Rizik

**TCT 1200**: Transcatheter mitral valve replacement in a patient with elevated risk for LVOT obstruction
Presenting Author: Elvis Cami

**TCT 1201**: A MitraClip Conundrum: Flow Matters and Gradient Trumps Area
Presenting Author: Geoffrey Bergman

**TCT 1202**: Paravalvular leak after transcatheter valve implantation in mitral annular calcification: a percutaneous closure with Amplatz Vascular Plugs III occluders.
Presenting Author: Guillaume Leurent

**TCT 1203**: Transcatheter Therapy for Residual MR and Iatrogenic ASD after MitraClip and ASD closure
Presenting Author: Hiroki Nikura

**TCT 1204**: Balloon Mitral Valvuloplasty for High Risk Post SAVR Tricuspid Valve Plasty Patient
Presenting Author: Hirotsugu Mitsuhashi

**TCT 1205**: Antegrade LAMPOON to facilitate TMVR
Presenting Author: John Cyril Lisgo DUPE

**TCT 1206**: Mitral valve in valve in a patient with bioprosthetic mitral valve infective endocarditis using Emboliner vascular protection.
Presenting Author: Yee Sen Chan

**TCT 1207**: Percutaneous Mitral Paravalvular Leak Closure Facilitated by Periprocedural three dimensional transesophageal echocardiography
Presenting Author: Jorge Guareña

**TCT 1208**: Transcatheter mitral valve in bioprosthesis implantation When crossing of the interatrial septum is not possible advantages and challenges of the Sapien 3 Ultra system
TCT 1209: treatment of paravalvular leak of mechanical mitral valve via apical approach after failure of doing intraatrial septum puncture due to very thick ias as patient had 5 th valve redos so percutaneous direct apical puncture under xray guidance
Presenting Author: khalid osman

TCT 850: Nonagenarians and Myocardial Infarction with ST Elevation: Incidence Management and Outcomes.
Presenting Author: Eduardo Flores
9:15 AM

TCT 851: Assessment of radial artery perforation after transradial coronary intervention by optical coherence tomography
Presenting Author: Jincheng Guo
9:15 AM

TCT 852: Long term prognosis comparison among Non ST Elevation Acute Coronary Syndrome patients with Three vessel Disease undergoing Percutaneous Coronary Intervention Coronary Artery Bypass Grafting and Medical Therapy
Presenting Author: Sido Jia
9:15 AM

TCT 853: Comparison of Real World Bleeding and Ischemic Event Rate in P2Y12 Inhibitors After Percutaneous Coronary Intervention: Analysis of Korean National Insurance Claims Data
Presenting Author: Young-Hyo Lim
9:15 AM

TCT 854: Impact of high sensitivity C reactive protein on disease severity and long term outcomes in patients with acute coronary syndromes
Presenting Author: Yue Liu
9:15 AM

TCT 855: In Hospital Outcomes of Acute Coronary Syndrome in Patients With and Without Polysubstance Abuse
Presenting Author: Vishnu Priya Mallipeddi
9:15 AM

TCT 856: Using Artificial Intelligence to Match Culprit Lesions in Acute Coronary Syndrome with Turbulent Flow Caused by Collision of Antegrade and Retrograde Coronary Flow
Presenting Author: Khoa Nguyen Dang Le
9:15 AM

TCT 857: Interaction between choice of anticoagulation antiplatelet therapy and access site on mortality and bleeding after percutaneous coronary intervention: Insights from the Kaiser Permanente PCI Registry.
Presenting Author: femi philip
9:15 AM

TCT 858: Post Cardiac Arrest Syndrome PCAS Feasibility Study. Impact of Multi Organ Failure After Out of Hospital Cardiac Arrest on Early Prognosis.
Presenting Author: Katarzyna Czerwinska-Jelonkiewicz
9:15 AM

TCT 859: Clinical implications of longer procedure time during chronic total occlusion intervention
Presenting Author: Jin-Ho Kim
9:15 AM

TCT 860: A Retrospective Cohort Study Comparing Longterm Outcomes of Provisional Stenting Versus Double Stent Strategy for True Bifurcation Lesions and Outcomes of Side Branch Compromise Stent Related to Main Vessel Stenting.
Presenting Author: Chakradhar Pedada
9:15 AM

Presenting Author: Hamza Ansari
9:15 AM

TCT 862: Adjunctive Coronary Calcium Modification: The Bournemouth Experience of Shockwave Intravascular Lithotripsy.
Presenting Author: Peter O’Kane
9:15 AM

Presenting Author: Yutaka Tanaka
9:15 AM

TCT 864: The Outcomes of Percutaneous Coronary Intervention and Coronary Artery Bypass Graft Among Human Immunodeficiency Virus Infected Patients with Multi vessel Coronary Artery Disease
Presenting Author: HASSAN ALKHAWAM
9:15 AM

TCT 865: The Incidence of Paradoxical Septal Motion After Robotic versus Non Robotic Coronary Artery Bypass Graft Surgery.
Presenting Author: Shunsuke Aoi
9:15 AM

TCT 866: A Meta analysis of Percutaneous Coronary Intervention in Small Vessel Coronary Artery Disease using Drug coated Balloon DCB versus Drug eluting Stent DEB
Presenting Author: Kifah Hussain
9:15 AM

TCT 867: Comparison of prognosis between drug coated balloonDCB and drug eluting stentDES for small vessel lesions
Presenting Author: Toshihiko Kishida
9:15 AM

TCT 869: Arterial Response to Drug Coated Balloon in Acute Coronary Syndrome patients with Three vessel Disease treated with paclitaxel coated balloons.
Presenting Author: Toshihiko Kishida
9:15 AM

TCT 868: Long term clinical outcomes for all comer denovo coronary artery lesions treated with paclitaxel coated balloons.
Presenting Author: Nhung Nguyen Nguyen
9:15 AM

TCT 869: Arterial Response to Drug Coated Balloon in Acute Coronary Syndrome: Insights From Serial Angiographic and Optical Frequency Domain Imaging Analysis
Presenting Author: Nhunh Nguyen Nguyen
9:15 AM
Presenting Author: Kota Nishida


9:15 AM  TCT 871: Complications and Mortality of IABP VS Impella in Patients Presenting with STEMI Presenting Author: Saad Amin

9:15 AM  TCT 872: A Single Center Experience with the Tandem Protek Duo Device for Right Ventricular Failure Leading to Cardiogenic Shock Presenting Author: Brian butera

9:15 AM  TCT 873: Manual Hemostasis of Percutaneous Axillary Artery Access following Intra Aortic Balloon Pump IABP Insertion Presenting Author: Michael Divita

9:15 AM - 10:45 AM
Coronary V Discussant: Ranil De Silva, Walter Desmet, Nabil Dib, Amir Lerman, Frank Litvack, Philip A. MacCarthy, Ayman Abou El Magd, Julian Strange

9:15 AM  TCT 874: Improving Outcomes in Women with Cardiogenic Shock: Results from the INOVA Shock Registry Presenting Author: Kelly C. Epps

9:15 AM  TCT 875: Potential Benefit of Early Impella support in Acute Myocardial Infarction complicated by Cardiogenic Shock Presenting Author: Veemal Hemraj

9:15 AM  TCT 876: De Ritis ratio are associated with death in the intensive care unit after cardiac arrest Presenting Author: Zheng Ri Lu

9:15 AM  TCT 877: Clinical indications of impella short term mechanical circulatory support in a quaternary centre. Presenting Author: MARIA MONTEAGUDO VELA

9:15 AM  TCT 878: When in Shock is it Right to Catheterize the Right Trends of Right Heart Catheterization Utilization and Outcomes in Cases of Cardiogenic Shock Secondary to Acute Myocardial Infarction Presenting Author: Armaghan Soomro

9:15 AM  TCT 879: Transradial Coronary Angiography and Intervention in Acute Myocardial Infarction Complicated by Cardiogenic Shock: Insights from the INOVA SHOCK Registry Presenting Author: Behnam Tehrani

9:15 AM - 10:45 AM
Coronary VI Discussant: Jose Guillermo Diaz, Christophe Dubois, Yutaka Hikichi, Adam Janas, David F. Kong, Bernardo Kremer Diniz Gonçalves, Alfredo Marchese, Bradley H. Strauss, Carl L. Tommaso

9:15 AM  TCT 880: Comparing the efficacy and safety of long term and short term dual antiplatelet therapy: A meta analysis of comparison between Asian and non Asian Presenting Author: You Jeong KI

9:15 AM  TCT 881: Midkine as an early biomarker of contrast induced acute kidney injury in patients undergoing percutaneous coronary interventionsfor acute coronary syndrome Presenting Author: Ahmed Mowafy


9:15 AM  TCT 883: Safety amp Performance analysis of the single center routine clinical use of the Fantom Sirolimus Eluting Biodegradable Scaffold. Sirolimus Eluting Biodegradable coronary Scaffold Presenting Author: Matthias Lutz

9:15 AM  TCT 884: Relationship between technical characteristics of drug eluting stent and clinical events: insight from meta regression analysis comprising 43 randomized controlled trials Presenting Author: Akira Saito

9:15 AM  TCT 885: Twenty year trends in clinical outcome of randomized controlled trial for coronary intervention: systematic review and meta regression analysis of 46 trials Presenting Author: Taku Asano

9:15 AM  TCT 886: The impact of the completeness of percutaneous coronary revascularization on mid term outcome. An emergent country experience Presenting Author: Marouane Boukhris

9:15 AM - 10:45 AM
Coronary VII Discussant: Ariel Duran, Vladimir Dzavik, Karim El Chilali, Ahmed Elghamaz, Michael C. C. Kim, Heitor Medeiros, Marco G. Mennuni, Bilal Mohydin, Thomas Schmitz

9:15 AM  TCT 887: Safety and Efficacy of Polymer Free Biolimus A9 Eluting Stent In Patients With And Without Chronic Kidney Disease: Insights From The RUDI FREE Registry Presenting Author: Mauro Chiarito

9:15 AM  TCT 888: Safety and Performance of the Worlds First Tapered Coronary Stent for Long Coronary Lesions: Six month Experience in Real World Settings Presenting Author: Deepak Davidson

9:15 AM  TCT 889: Long Term Outcome of Treatment of Ostial De Novo Left Anterior Descending Coronary Artery Lesions with Drug Eluting Stents DES. Presenting Author: Seigo Iwane

9:15 AM  TCT 890: Biodegradable Polymer Biolimus Eluting Stents Versus Durable Polymer Everolimus and Zotarolimus Eluting Stents in Patients With Acute Coronary Syndrome: Results From the SMART DATE Randomized Trial Presenting Author: Woo Jin Jang

9:15 AM  TCT 891: A Real World Multi center Registry Evaluating Safety and Clinical Performance of Biodegradable Polymer Coated Ultra Thin Everolimus Eluting Stents: One year Results From the PERFORM EVER Registry Presenting Author: sanjeev kumar

9:15 AM  TCT 892: Safety and Performance of Everolimus eluting Stents Comprising of Biodegradable Polymers With Ultrathin Stent Platforms Presenting Author: RAGHAV A SARMA POLAVARAPU

9:15 AM  TCT 920: Relationship between prognosis of lower limbs and peripheral artery calcification among patients with peripheral artery disease. Presenting Author: Tatsunori Noto

9:15 AM - 10:45 AM
Structural and Vascular I
Echocardiogram And Clinical Failure Rate By Follow Up Transesophageal Analysis of national sample database

TCT 897: Racial Disparities in Implantation of Left Atrial Appendage Presenting Author: Leslie Ammabel Ynalvez

Younger Patients on Impella 5.0 Support for Cardiogenic Shock Presenting Author: Jayakumar Sreenivasan

Restrictive Cardiomyopathy: A Systemat TCT 895: Left Ventricular Assist Device Use in Hypertrophic or Presenting Author: Rania Abushokka

TCT 894: Pressure Sensor Devices in Congestive Heart Failure: An Insight from the Nationwide Readmission Data Presenting Author: Kristina Giffit

TCT 893: Retrograde Transcatheter Closure Of Perimembranous Aneurysmal Ventricular Septal Defects Using Amplatzer Vascular Plug II Presenting Author: Rania Abushokka

TCT 891: Directional Atherectomy Versus Optical Coherence Tomography Guided Directional Atherectomy in the Lower Extremities Presenting Author: Mitul Patel

TCT 918: MicroNET Covered Self Expandable STent in High Risk Vascular Lesions Beyond The carotid bifurcation: TheEXTRA GUARD Study Presenting Author: Piotr Musialek

TCT 909: 30 Day Outcome and Safety Data from PorticoTM TAVI in Octo nonagenerians Using a National Cohort Presenting Author: Mario Cale

TCT 902: Minimally Invasive Allograft Implantation in Elective Aortic Valve Surgery: Aortic Homograft New Implantation Technique and Ministernotomy Ross Procedure. Presenting Author: Miklos Bitay

TCT 903: Outcomes of Urgent Transcatheter Aortic Valve Replacement in Patients With Acute Decompensated Heart Failure A Single Center Experience Presenting Author: Kai Chen

TCT 904: Impact of Left Bundle Branch Block and Permanent Pacemaker Implantation on Transcatheter Aortic Valve Replacement Outcome Presenting Author: SEYED HOSSEIN AALAEI-ANDABILI

TCT 905: Comparison of Outcomes in Patients Undergoing Transcatheter Aortic Valve Replacement: Reduced Ejection Fraction vs Mid Range Ejection Fraction Presenting Author: Mohammad Al-Akchar

TCT 906: A Non Invasive Approach for Assessment the Severity of Paravalvular Leakage and Transvalvular Energy Loss using Echocardiography Presenting Author: Mohammad Barakat

TCT 907: Predictors of short and mid term outcomes after TAVR in low flow low gradient aortic stenosis Presenting Author: FERNANDO LUIZ L. BERNARDI
9:15 AM  TCT 914: In TAVI the Less Antibiotics the Best  
Presenting Author: Ioannis Iakovou

9:15 AM  TCT 915: Optimal Sizing Algorithm using Multidetector Computed Tomography for Transcatheter Aortic Valve Replacement with the SAPIEN 3 valve.  
Presenting Author: Do-yoon Kang

9:15 AM  TCT 922: Improvement in pulmonary vascular resistance and haemodynamic markers of right ventricular function with balloon pulmonary angioplasty for residual CTEPH after pulmonary endarterectomy  
Presenting Author: Katherine Kearney

9:15 AM  TCT 923: Balloon pulmonary angioplasty for patients with symptomatic chronic thromboembolic disease without pulmonary hypertension  
Presenting Author: Yoichiro Matsuoka

NOW THAT I SEE IT, I KNOW HOW TO TREAT IT! A HANDS-ON OCT SKILLS LAB

Now That I See It, I Know How To Treat It! A Hands-On OCT Skills Lab

THURSDAY, SEPTEMBER 26, 2019
8:00 AM - 9:30 AM  
Training Pavilion, Hall F

8:00 AM - 8:20 AM  
OCT: Now That I See It - Presentation  

8:20 AM - 9:30 AM  
Hands-On Sessions  

8:20 AM  Virtual Reality Interactive OCT Session
8:20 AM  OCT Workstation Measurements Assessments and Procedure Planning
8:20 AM  Image Acquisition With a Wet Model Practice

PHYSIOLOGY SIMPLIFIED: A HANDS-ON RFR SKILLS LAB

Physiology Simplified: A Hands-On RFR Skills Lab

THURSDAY, SEPTEMBER 26, 2019
10:00 AM - 11:30 AM  
Training Pavilion, Hall F

10:00 AM - 10:15 AM  
Didactic Session  
Training Pavilion Faculty: Ziad A. Ali, Kevin J. Croce, Allen Jeremias, Vamsi Krishna, R. Jay Widmer

10:15 AM - 11:30 AM  
Hands-On Activity Guided by Five Case Scenarios: Utilizing a Wet Model to Perform RFR and FFR  
Training Pavilion Faculty: Ziad A. Ali, Kevin J. Croce, Allen Jeremias, Vamsi Krishna, R. Jay Widmer

LARGE-BORE ACCESS TO CLOSE: WHAT YOU WANT (AND NEED) TO KNOW

Large-Bore Access To Close: What You Want (and Need) To Know

THURSDAY, SEPTEMBER 26, 2019
12:00 PM - 1:30 PM  
Training Pavilion, Hall F

12:00 PM - 12:20 PM  
Introduction - Access Planning and Management of Complications Review  
Training Pavilion Faculty: Adhir Shroff, Rajiv Tayal

12:20 PM - 1:30 PM  
Hands-On Device Deployment  
Training Pavilion Faculty: Adhir Shroff, Rajiv Tayal

NOW THAT I SEE IT, I KNOW HOW TO TREAT IT! A HANDS-ON OCT SKILLS LAB

Now That I See It, I Know How To Treat It! A Hands-On OCT Skills Lab

THURSDAY, SEPTEMBER 26, 2019
2:00 PM - 3:30 PM  
Training Pavilion, Hall F

2:00 PM - 2:20 PM  
OCT: Now That I See It - Presentation  
Training Pavilion Faculty: Ziad A. Ali, Michael Chan, Bassem Chehab, Matheen Khuddas, Ethan C. Korngold, Aziz Maksoud, Emile Mehanna, Bimal Padaliya, Gabriel Tensol, Catalin Toma, Armando Vergara-Martel

2:20 PM - 3:30 PM  
Hands-On Sessions  
Training Pavilion Faculty: Ziad A. Ali, Hiram G. Bezerra, Michael Chan, Bassem Chehab, Matheen Khuddas, Ethan C. Korngold, Aziz Maksoud, Emile Mehanna, Bimal Padaliya, Gabriel Tensol, Catalin Toma, Armando Vergara-Martel
THE IMPACT OF DESIGN ON CORONARY GUIDEWIRE PERFORMANCE: A HANDS-ON EXPERIENCE

The Impact of Design on Coronary Guidewire Performance: A Hands-On Experience

THURSDAY, SEPTEMBER 26, 2019
4:00 PM - 5:30 PM
Training Pavilion, Hall F

4:00 PM  Introduction
4:05 PM  Didactic on Guidewire Building Blocks and WH wires
4:15 PM  Hands on Workhorse Wires Activity
4:30 PM  Polymer Jacketed Wires Overview and Hands on Activity
4:50 PM  Extra SupportSpecialty wires Overview and Hands on Activity
5:10 PM  TurnTrac Wire Overview and Hands on Activity

OPTIMIZING PCI: WHEN TO USE WHAT IN CORONARY PHYSIOLOGY AND IMAGING: CASE REVIEW AND HANDS-ON

Optimizing PCI: When to Use What in Coronary Physiology and Imaging: Case Review and Hands-On

THURSDAY, SEPTEMBER 26, 2019
8:00 AM - 9:30 AM
Training Pavilion, Hall F

8:00 AM  Introduction
8:05 AM  When to Use What to Optimize PCI
8:35 AM  Hands On Rotations

STREAMLINING THE LAAC PATIENT EDUCATION CONVERSATION FOR ALLIED HEALTH PROVIDERS

Streamlining the LAAC Patient Education Conversation for Allied Health Providers

THURSDAY, SEPTEMBER 26, 2019
2:00 PM - 3:30 PM
Training Pavilion, Hall F

10:00 AM - 11:30 AM
ROTAPRO™ for Plaque Modification and Vessel Prep
Training Pavilion Faculty: Ramy Badawi, Wissam Jaber

10:05 AM  Introduction
10:15 AM  ROTAPRO Rotational Atherectomy System: 25 Years of Proven Clinical Safety and Efficacy
10:35 AM  Hands On Rotations

12:00 PM - 1:30 PM
CTO: Teaching Old Dogs New Techniques
Training Pavilion Faculty: Robert F. Riley, Anthony J. Spaedy

12:05 PM  CTO Teaching Old Dogs New Techniques
12:35 PM  Hands On Rotations
TAVR: AN INTERACTIVE EXPERIENCE WITH SENTINEL CPS

THURSDAY, SEPTEMBER 26, 2019
4:00 PM - 5:30 PM
Training Pavilion, Hall F

TAVR: An Interactive Experience With Sentinel CPS
Training Pavilion Faculty: James Harvey, Amar Krishnaswamy

4:00 PM
Introduction
4:05 PM
Product Data Overview and Case Reviews
4:45 PM
Hands On Rotations

TAVR FOUNDATIONS FOR THE NEW TO TAVR IMPLANTER

THURSDAY, SEPTEMBER 26, 2019
10:00 AM - 11:30 AM
Training Pavilion, Hall F

TAVR Foundations for the New to TAVR Implanter
Training Pavilion Faculty: George S. Chrysant

10:00 AM
Introduction
10:05 AM
Product Procedural Overview and Key Imaging Considerations
10:35 AM
Rotation 1 Simulation Imaging Hands On
11:00 AM
Rotation 2 Simulation Imaging Hands On
11:25 AM
Adjourn

SPYRAL HTN ON MED, OFF MED, WHAT NEXT?

THURSDAY, SEPTEMBER 26, 2019
12:00 PM - 1:30 PM
Training Pavilion, Hall F

SPYRAL HTN ON MED, OFF MED, What Next?
Training Pavilion Faculty: Pedro De Araujo Goncalves, David E. Kandzari, Felix Mahfoud, Joachim Weil

12:00 PM
Update on the SPYRAL HTN Program
12:20 PM
Real World Data in Renal Denervation
12:40 PM
Audience Interaction and Discussion
1:00 PM
Hands On with RDN

TAVR CLINIC FOUNDATIONS FOR VALVE PROGRAM COORDINATOR NEW TO TAVR

THURSDAY, SEPTEMBER 26, 2019
8:00 AM - 9:30 AM
Training Pavilion, Hall F

TAVR Clinic Foundations for Valve Program Coordinator New to TAVR
Training Pavilion Faculty: Martina Kelly Kelly Speight

8:00 AM
Introduction
8:05 AM
A Journey Through the Care Continuum
8:45 AM
Rotation 1 Simulation Imaging Hands On
9:05 AM
Rotation 2 Simulation Imaging Hands On
9:25 AM
Adjourn

THE LATEST IN CTO PCI: OPTIMIZING OUTCOMES IN THESE COMPLEX PATIENTS

The Latest in CTO PCI: Optimizing Outcomes in These Complex Patients
THURSDAY, SEPTEMBER 26, 2019
2:00 PM - 3:30 PM
Training Pavilion, Hall F

Day 1 Workshop 4
Training Pavilion Faculty: Salvatore F. Mannino, Mitul Patel, nadeem rizvi, Robert W. Yeh

OPTIMIZING OUTCOMES IN PATIENTS WITH BIFURCATION LESIONS

Optimizing Outcomes in Patients with Bifurcation Lesions

THURSDAY, SEPTEMBER 26, 2019
4:00 PM - 5:30 PM
Training Pavilion, Hall F

4:00 PM - 5:30 PM
Optimizing Outcomes in Patients with Bifurcation Lesions
Training Pavilion Faculty: Jens Flensted Lassen, Goran Stankovic

4:00 PM  Introduction
4:05 PM  Bifurcation Techniques with Integrated Visible Heart Laboratories Footage
4:45 PM  Hands On Simulation

ACCESS AND CLOSURE

Access and Closure

THURSDAY, SEPTEMBER 26, 2019
8:00 AM - 9:30 AM
Training Pavilion, Hall F

8:00 AM - 8:10 AM
Introduction
Training Pavilion Faculty: Amir Kaki, Adhir Shroff, Rajiv Tayal

8:10 AM - 9:30 AM
Breakout Rotations
Training Pavilion Faculty: Amir Kaki, Adhir Shroff, Rajiv Tayal

8:10 AM  Insertion with Impella Trainer

10:00 AM - 11:30 AM
Access and Closure
Training Pavilion, Hall F

10:00 AM - 10:10 AM
Introduction
Training Pavilion Faculty: Paul D. Mahoney, Duane S. Pinto, Jason Wollmuth

10:10 AM - 11:30 AM
Breakout Rotations
Training Pavilion Faculty: Paul D. Mahoney, Duane S. Pinto, Jason Wollmuth

10:10 AM  Insertion with Impella Trainer
10:10 AM  Ultrasound Siemens
10:10 AM  Closure Manta
10:10 AM  Access Shockwave

TEACH HRPCI

TEACH HRPCI

THURSDAY, SEPTEMBER 26, 2019
12:00 PM - 1:30 PM
Training Pavilion, Hall F

12:00 PM - 12:20 PM
Didactic Session
Training Pavilion Faculty: M Chadi Alraies, Hiram G. Bezerra, Jason Moreland, Rajan A. Patel, Jon Robken

12:20 PM - 1:30 PM
Breakout Rotations
Training Pavilion Faculty: M Chadi Alraies, Hiram G. Bezerra, Jason Moreland, Rajan A. Patel, Jon Robken

12:20 PM  Position Sim
12:20 PM  Position Sim
12:20 PM  HARVi App
12:20 PM  HARVi App
### Shock Systems of Care: Best Practices from INOVA and NCSI

**THURSDAY, SEPTEMBER 26, 2019**

**2:00 PM - 3:30 PM**
Training Pavilion, Hall F

#### Didactic Sessions
Training Pavilion Faculty: Mir Babar Basir, Michael J. Lim, Alexander George Truesdell

#### Breakout Rotations
Training Pavilion Faculty: Mir Babar Basir, Michael J. Lim, Alexander George Truesdell

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:40 PM</td>
<td>Position Sim</td>
</tr>
<tr>
<td>2:40 PM</td>
<td>HARVI App</td>
</tr>
</tbody>
</table>

### Multimodality Imaging for Transseptal Crossing and LAAC

**THURSDAY, SEPTEMBER 26, 2019**

**8:00 AM - 9:30 AM**
Training Pavilion, Hall F

#### Didactic Session
Training Pavilion Faculty: Brij Maini, Rahul Prakash Sharma, Torsten P. Vahl

- **8:00 AM** Introduction  Step by Step Technique
- **8:10 AM** Instructional Video
- **8:20 AM** The Role of 4D Volume ICE for Transseptal Crossing
- **8:30 AM** Hands on Education Rotations Through Simulators

### Imaging for the Forgotten Valve: Techniques for Visualizing the Tricuspid

**THURSDAY, SEPTEMBER 26, 2019**

**10:00 AM - 11:30 AM**
Training Pavilion, Hall F

#### Didactic Session
Training Pavilion Faculty: Scott Lim, Carlos E. Sanchez

- **10:00 AM** Introduction  Techniques for Diagnosis and Procedural Planning
- **10:10 AM** Case Demonstrations for Interventional Guidance
- **10:20 AM** Role of 4D Volume ICE for Visualization
- **10:30 AM** Hands on Education Rotations Through Simulators

### Multimodality Imaging for Transseptal Crossing and LAAC

**THURSDAY, SEPTEMBER 26, 2019**

**12:00 PM - 1:30 PM**
Training Pavilion, Hall F

#### Didactic Session
Training Pavilion Faculty: Sanjog Kalra, Dennis Lynn Morris, William W. O’Neill, Alexander George Truesdell

#### Breakout Rotations
Training Pavilion Faculty: Sanjog Kalra, Dennis Lynn Morris, William W. O’Neill, Alexander George Truesdell

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>12:00 PM</td>
<td>ICU Sim</td>
</tr>
<tr>
<td>12:00 PM</td>
<td>HARVI App</td>
</tr>
<tr>
<td>12:00 PM</td>
<td>HARVI App</td>
</tr>
</tbody>
</table>
IMAGING FOR THE FORGOTTEN VALVE: TECHNIQUES FOR VISUALIZING THE TRICUSPID

THURSDAY, SEPTEMBER 26, 2019
2:00 pm - 3:30 pm
Training Pavilion, Hall F

2:00 pm - 3:30 pm
Imaging for the Forgotten Valve: Techniques for Visualizing the Tricuspid
Training Pavilion Faculty: Francesco Maisano, Christopher U. Meduri, Gagan D. Singh

2:00 pm  Introduction  Techniques for Diagnosis and Procedural Planning
2:10 pm  Case Demonstrations for Interventional Guidance
2:20 pm  Role of 4D Volume ICE for Visualization
2:30 pm  Hands on Education  Rotations Through Simulators

MULTIMODALITY IMAGING FOR TRANSSEPTAL CROSSING AND LAAC

THURSDAY, SEPTEMBER 26, 2019
4:00 pm - 5:30 pm
Training Pavilion, Hall F

4:00 pm - 5:30 pm
Multimodality Imaging for Transseptal Crossing and LAAC
Training Pavilion Faculty: Robert Burke, William A. Gray

4:00 pm  Introduction  Step by Step Technique
4:10 pm  Instructional Video

ADVANCING ALTERNATIVE ACCESS FOR THE TREATMENT OF PAD AND CLI

THURSDAY, SEPTEMBER 26, 2019
8:00 am - 9:30 am
Training Pavilion, Hall F

8:00 am - 9:30 am
Advancing Alternative Access for the Treatment of PAD and CLI

8:00 am  Introduction and Faculty Review
8:20 am  Hands On Rotations
9:20 am  Debrief

COMPLICATIONS MANAGEMENT (CORONARY STENT RETRIEVAL)

THURSDAY, SEPTEMBER 26, 2019
12:00 pm - 1:30 pm
Training Pavilion, Hall F

12:00 pm - 1:30 pm
Complications Management (Coronary Stent Retrieval)
Training Pavilion Faculty: Amir Kaki, Binita Shah

12:00 pm  Introduction
ASSESSMENT OF PATIENTS WITH AORTIC STENOSIS OR AORTIC INSUFFICIENCY - 1

Assessment of Patients With Aortic Stenosis or Aortic Insufficiency - 1

Structural: Valve

THURSDAY, SEPTEMBER 26, 2019
9:30 AM - 10:30 AM
The Moscone Center

9:30 AM - 10:30 AM
Assessment of Patients With Aortic Stenosis or Aortic Insufficiency - 1
Moderators: Robert T. Pyo
Discussants: Michael A. Borger, Omar K. Khalique, Jose L. Leiva-Pons, Catherine M. Otto

9:30 AM
TCT 134: Current Management and Disparities in Care for Patients With Symptomatic Severe Aortic Regurgitation

Presenting Author: Vinod H. Thourani
Discussion
9:40 AM
TCT 135: The Impact of Baseline Aortic Regurgitation on the Degree of Left Ventricular Remodeling After Transcatheter Aortic Valve Implantation
Presenting Author: Abdalla Hassan
Discussion
9:47 AM
TCT 136: Validation of Surgical Risk Scores EuroSCORE EuroSCORE II and STS and the Power to Predict Mortality After TAVI
Presenting Author: Javier Lopez-Pais
Discussion
9:57 AM
TCT 137: Dose Dependent Effects of Angiotensin Converting Enzyme Inhibitors and Angiotensin II Receptor Blockers on Clinical and Echocardiographic Outcomes After Transcatheter Aortic Valve Replacement
Presenting Author: Brent Klinkhammer
Discussion
10:07 AM
TCT 138: The Immediate Physiological Impact of Transcatheter Aortic Valve Replacement on Central Aortic Pressure in Patients With Severe Aortic Stenosis
Presenting Author: Michael Michail
Discussion
10:17 AM
TCT 139: Patients With Aortic Stenosis Exhibit Early Improved Endothelial Function Following Aortic Valve Replacement
Presenting Author: Andrea Comella
Discussion
10:27 AM
TCT 134: Current Management and Disparities in Care for Patients With Symptomatic Severe Aortic Regurgitation

Presenting Author: Vinod H. Thourani
Discussion
10:40 AM
TCT 135: The Impact of Baseline Aortic Regurgitation on the Degree of Left Ventricular Remodeling After Transcatheter Aortic Valve Implantation
Presenting Author: Abdalla Hassan
Discussion
10:47 AM
TCT 136: Validation of Surgical Risk Scores EuroSCORE EuroSCORE II and STS and the Power to Predict Mortality After TAVI
Presenting Author: Javier Lopez-Pais
Discussion
11:07 AM
TCT 137: Dose Dependent Effects of Angiotensin Converting Enzyme Inhibitors and Angiotensin II Receptor Blockers on Clinical and Echocardiographic Outcomes After Transcatheter Aortic Valve Replacement
Presenting Author: Brent Klinkhammer
Discussion
11:17 AM
TCT 138: The Immediate Physiological Impact of Transcatheter Aortic Valve Replacement on Central Aortic Pressure in Patients With Severe Aortic Stenosis
Presenting Author: Michael Michail
Discussion
11:27 AM
TCT 139: Patients With Aortic Stenosis Exhibit Early Improved Endothelial Function Following Aortic Valve Replacement
Presenting Author: Andrea Comella
Discussion
11:37 AM
TCT 134: Current Management and Disparities in Care for Patients With Symptomatic Severe Aortic Regurgitation

Presenting Author: Vinod H. Thourani
Discussion
11:47 AM
TCT 135: The Impact of Baseline Aortic Regurgitation on the Degree of Left Ventricular Remodeling After Transcatheter Aortic Valve Implantation
Presenting Author: Abdalla Hassan
Discussion
11:57 AM
TCT 136: Validation of Surgical Risk Scores EuroSCORE EuroSCORE II and STS and the Power to Predict Mortality After TAVI
Presenting Author: Javier Lopez-Pais
Discussion
12:07 AM
TCT 137: Dose Dependent Effects of Angiotensin Converting Enzyme Inhibitors and Angiotensin II Receptor Blockers on Clinical and Echocardiographic Outcomes After Transcatheter Aortic Valve Replacement
Presenting Author: Brent Klinkhammer
Discussion
12:17 AM
TCT 138: The Immediate Physiological Impact of Transcatheter Aortic Valve Replacement on Central Aortic Pressure in Patients With Severe Aortic Stenosis
Presenting Author: Michael Michail
Discussion
12:27 AM
TCT 139: Patients With Aortic Stenosis Exhibit Early Improved Endothelial Function Following Aortic Valve Replacement
Presenting Author: Andrea Comella
Discussion
Presenting Author: David Molony

9:57 AM  Discussion

10:00 AM  TCT 343: Diagnostic Accuracy and Reproducibility of Optical Coherence Tomography Based Fractional Flow Reserve for Functional Evaluation of Coronary Stenosis
Presenting Author: Shengxian Tu

10:07 AM  Discussion

10:10 AM  TCT 344: Impact of OCT Guided PCI Using a Specific Stent Optimization Strategy on Clinical Outcomes in Comparison Between Patients With and Without Diabetes Mellitus
Presenting Author: Masaru Kuroda

10:17 AM  Discussion

10:20 AM  TCT 345: Impact of Myocardial Bridging on Long Term Outcomes After Heart Transplantation: Risk Stratification With IVUS Determined Anatomical Properties
Presenting Author: Kozo Okada

10:27 AM  Discussion

NATURAL HISTORY AND MANAGEMENT OF MITRAL AND TRICUSPID VALVE DISEASE - 1

Natural History and Management of Mitral and Tricuspid Valve Disease - 1
Structural: Valve

THURSDAY, SEPTEMBER 26, 2019
9:30 AM - 10:30 AM
Moderated Posters 1, Exhibit Hall, Exhibition Level, Moscone South

9:30 AM  TCT 430: Comparison of Tricuspid Annulus Measurements By 2D Transthoracic and Transesophageal Echocardiography and 3D Automated Transesophageal Echocardiography with CT Annulus Measurements in Patients with Severe Tricuspid Regurgitation Being Evaluated for Transcatheter Intervention
Presenting Author: Shawn Reginauld

9:37 AM  Discussion

9:40 AM  TCT 431: Impact of Tricuspid Regurgitation on TAVR Patient Outcomes
Presenting Author: Stephan Haussig

9:47 AM  Discussion

9:50 AM  TCT 432: The Economic Impact of Clinically Significant Tricuspid Regurgitation
Presenting Author: Patrick Verta

9:57 AM  Discussion

10:00 AM  TCT 433: Redo Mitral Valve Replacement Versus Transcatheter Mitral Valve in Ring in Patients With Failed Mitral Valve Repair: A Single Center Experience
Presenting Author: Philipp Kiefer

10:07 AM  Discussion

10:10 AM  TCT 434: Venous Thromboembolism in Patients Undergoing Transcatheter Mitral Valve Replacement: Analysis of the National Inpatient Sample Databases
Presenting Author: Juan Del Cid Fratti

10:17 AM  Discussion

10:20 AM  TCT 435: LVOT Obstruction Cannot Be Reliably Predicted by the Swine Model Testing of Transcatheter Mitral Valve Replacement TMVR Technologies
Presenting Author: Marco Ferrone

10:27 AM  Discussion

OUTCOMES AFTER PRIMARY PCI - 1

Outcomes After Primary PCI - 1
Coronary: CHIP

THURSDAY, SEPTEMBER 26, 2019
9:30 AM - 10:30 AM
The Moscone Center

9:30 AM  TCT 483: Influence of Multivessel Disease and Impact of Complete Revascularization in Left Ventricular Function Recovery Following STEMI
Presenting Author: Luis Ortega-Paz

9:37 AM  Discussion

9:40 AM  TCT 484: Prognostic Impact of Subclinical Hemoglobin Descents in Patients Undergoing Primary Angioplasty
Presenting Author: Alfredo Redondo Dieguez

9:47 AM  Discussion

9:50 AM  TCT 485: Does the Time of Day of Primary PCI Influence Infarct Size and Prognosis in Patients With Acute STEMI Analysis From an Individual Patient Data Pooled Database of Randomized Trials
Presenting Author: Shmuel Chen

9:57 AM  Discussion

10:00 AM  TCT 486: Critical Role of Stakeholders in STEMI Networks
Presenting Author: Sameer Mehta

10:07 AM  Discussion

10:10 AM  TCT 487: Heart Failure in ST Segment Elevation Myocardial Infarction Predictors and Prognostic Impact: Insights From the TOTAL Trial
REVASCULARIZATION IN Patients With DIABETES - 1

Revascularization in Patients With Diabetes - 1
Coronary: CHIP

THURSDAY, SEPTEMBER 26, 2019
9:30 am - 10:30 am
The Moscone Center

9:30 am - 10:30 am
Revascularization in Patients With Diabetes - 1
Moderators: Waleed El Awady, James Flaherty
Discussants: Norman E. Lepor, Ahmed Magdy, Duk-Woo Park, Anand Prasad

9:30 am
TCT 627: Novel Sirolimus Eluting Stent With Fusion Coating Technology to Address the Diabetes Issue: Two Year Results of the en ABL e Registry
Presenting Author: Luca Testa

9:37 am
Discussion

9:40 am
TCT 628: Long Term Outcomes After Percutaneous Coronary Intervention Relative to Bypass Surgery in Diabetic Patients With Multivessel Coronary Artery Disease According to Clinical Presentation
Presenting Author: Yong-Joon Lee

9:47 am
Discussion

9:50 am
TCT 629: Impact of Diabetes Mellitus on One Year Clinical Outcomes of Ultra Thin Strat 60 m Biodegradable Polymer Coated Sirolimus Eluting Coronary Stents
Presenting Author: POTHINENI RAMESH BABU

9:57 am
Discussion

10:00 am
TCT 630: The Impact of Diabetes Mellitus in Patients Undergoing Percutaneous Coronary Intervention With a Drug Eluting Stent for Unprotected Left Main Stenosis
Presenting Author: Anastasios Roumeliotis

10:07 am
Discussion

10:10 am
TCT 631: Comparison Between the Use of Overlapping Stents and Very Long Stents in the Diabetic Population With Diffuse Coronary Artery Disease: A Real Life Study
Presenting Author: IGNACIO SANCHEZ PEREZ

10:17 am
Discussion

10:20 am
TCT 632: Complete Revascularization of Multivessel Coronary Artery Disease Does Not Improve Clinical Outcomes in ST Segment Elevation Myocardial Infarction Patients With Diabetes Mellitus

REVASCULARIZATION IN THE ELDERLY AND THE FRAIL - 1

Revascularization in the Elderly and the Frail - 1

THURSDAY, SEPTEMBER 26, 2019
9:30 am - 10:30 am
Moderated Posters 4, Exhibit Hall, Exhibition Level, Moscone South

9:30 am
TCT 639: Early Invasive Versus Initial Conservative Management Among Older Patients With Non ST Elevation Acute Coronary Syndrome
Presenting Author: Qais Radaideh

9:37 am
Discussion

9:40 am
TCT 640: Clinical Outcomes After Percutaneous Coronary Intervention in Very Old Patients With Acute Coronary Syndrome: An Analysis From Interventional Cardiology Research Incooperation Society Drug Eluting Stents IRIS DES Registry
Presenting Author: Sangwoo Park

9:47 am
Discussion

9:50 am
TCT 641: Comparison of Long Term Outcomes of Medical Therapy and Successful Recanalization for Coronary Chronic Total Occlusions in Elderly Patients
Presenting Author: Lei Guo

9:57 am
Discussion

10:00 am
TCT 642: PARIS Risk Score Stratified Analysis of Clinical Outcomes Among Elderly Patients Aged 75 Years Treated With 23 Month Ticagrelor Monotherapy Following 1 Month DAPT After PCI in the GLOBAL LEADERS Trial
Presenting Author: Mariusz Tomanioak

10:07 am
Discussion

10:10 am
TCT 643: The Appropriate Duration of Dual Antiplatelet Therapy for Elderly Patients Treated With Percutaneous Coronary Intervention
Presenting Author: Hiroyoshi Yokoi

10:17 am
Discussion

10:20 am
TCT 644: The Effects of Frailty on Mortality and Complications Following Percutaneous Coronary Interventions
Presenting Author: Josef Madrigal

10:27 am
Discussion

STROKE AND STROKE PREVENTION
THURSDAY, SEPTEMBER 26, 2019
9:30 AM - 10:30 AM
Stroke and Stroke Prevention
Moderators: Alex Chebl, David R. Holmes Jr. Discussants: J. Michael Bacharach, Jan Kovac, Aman B. Patel, David E. Thaler

9:30 AM
TCT 667: Role of the Type of Carotid Stent and Cerebral Protection on Cerebral Microembolization During Carotid Artery Stenting: A Randomized Study Comparing Wallstent vs. Roadsaver Stent and Distal vs. Proximal Cerebral Protection
Presenting Author: Stefano Galli

9:37 AM
Discussion

9:40 AM
TCT 668: Computational Fluid Dynamics Study of a Novel Embolic Protection Device
Presenting Author: Udi Nussinovitch

9:47 AM
Discussion

9:50 AM
TCT 669: Predictors of the Long Term Antihypertensive Effect of Carotid Artery Stenting
Presenting Author: Firdavs B. Shukurov

9:57 AM
Discussion

10:00 AM
TCT 670: Worse Prognosis in Old Thrombi Related Large Vessel Occlusion Stroke
Presenting Author: Martijn Meuwissen

10:07 AM
Discussion

10:10 AM
TCT 671: The Results of Endovascular Treatment in Patients With Ischemic Stroke Both Older and Younger Than 70 Years
Presenting Author: Andrey Sidorenko

10:17 AM
Discussion

10:20 AM
TCT 672: Usefulness of Soluble ST2 in Evaluating Severity of Cerebral Cardiac Syndrome
Presenting Author: Pei-Hsun Sung

10:27 AM
Discussion

BIORESORBABLE SCAFFOLDS - 1

THURSDAY, SEPTEMBER 26, 2019
10:30 AM - 11:30 AM
Moderated Posters 2, Exhibit Hall, Exhibition Level, Moscone South

10:30 AM
TCT 164: Clinical Outcomes at 3 Years of the Absorb Bioresorbable Vascular Scaffold Versus XIENCE Drug Eluting Metallic Stent in Patients With or Without Acute Coronary Syndrome AIDA Trial Substudy
Presenting Author: Christopher J. Cooper, Ian C. Gilchrist, Steven Goldberg

10:37 AM
Discussion

10:40 AM
TCT 777: Prevention of Radial Artery Occlusion: Comparison of Three Hemostatic Methods in Transradial Intervention
Presenting Author: Jesus Reyes

10:47 AM
Discussion

10:50 AM
TCT 778: Evaluation of Railway Sheathless Access System for Transradial Coronary and Peripheral Intervention
Presenting Author: Courtney Walsh Krathen

10:57 AM
Discussion

11:00 AM
TCT 780: Randomized Comparison of Hemostasis Times Following Transradial Access With a Kaolin Based Hemostatic Pad QuikClot Radial vs. Mechanical Compression TR Band
Presenting Author: Jonathan Roberts

11:07 AM
Discussion

11:10 AM
TCT 781: The Quest for a Radial Lounge: StatSeal Reduces Transradial Coronary Angiography Turnaround Time and Cost
Presenting Author: Victor Galusko

11:17 AM
Discussion

11:20 AM
Presenting Author: Gregory Sgueglia

11:27 AM
Discussion

VASCULAR ACCESS AND CLOSURE IN PCI - 1

THURSDAY, SEPTEMBER 26, 2019
9:30 AM - 10:30 AM
Moderated Posters 6, Exhibit Hall, Exhibition Level, Moscone South

10:30 AM
TCT 164: Clinical Outcomes at 3 Years of the Absorb Bioresorbable Vascular Scaffold Versus XIENCE Drug Eluting Metallic Stent in Patients With or Without Acute Coronary Syndrome AIDA Trial Substudy
Presenting Author: Christopher J. Cooper, Ian C. Gilchrist, Steven Goldberg

10:37 AM
Discussion
DRUG-ELUTING STENT STUDIES - 1

Drug-Eluting Stent Studies - 1
Coronary: Core

THURSDAY, SEPTEMBER 26, 2019
10:30 am - 11:30 am
Moderated Posters 8, Exhibit Hall, Exhibition Level, Moscone South

10:30 am - 11:30 am
Drug-Eluting Stent Studies - 1

10:30 am
TCT 276: Individual Patient Data Analysis of the BIOFLOW Study Program Comparing Safety and Efficacy of a Bioresorbable Polymer Sirolimus Eluting Stent to a Durable Polymer Everolimus Eluting Stent
Presenting Author: Gert Richardt

10:37 am
Discussion

10:40 am
TCT 277: Global Differences in Predictors of Long Term Outcomes After Percutaneous Coronary Intervention: Insights From the XIENCE Pooled Registry
Presenting Author: Rishi Chandiramani

10:47 am
Discussion

10:50 am
TCT 278: Clinical Outcomes of All Comer Patients Presenting With acute Coronary Syndrome Treated With the COMBO Stent: From the MASCOT and REMEDEE Registries
Presenting Author: Vera de Winter

10:57 am
Discussion

11:00 am
TCT 279: Safety and Efficacy of Sirolimus Eluting Stent System in All Comers Real World Population With Coronary Artery Stenosis: The MILES Global Study
Presenting Author: Yue Jin Yang

11:07 am
Discussion

11:10 am
TCT 280: BIOFLOW VI: Biotronik Safety and Clinical Performance of the Drug Eluting Orsiro Stent in the Treatment of Subjects With De Novo Coronary Artery Lesions VI: 2 Year Clinical Results
Presenting Author: Junghoon Lee

11:20 am
Discussion

EXCEL TRIAL CLINICAL SUBSTUDIES - 1

THURSDAY, SEPTEMBER 26, 2019
10:30 am - 11:30 am
Moderated Posters 6, Exhibit Hall, Exhibition Level, Moscone South

10:30 am - 11:30 am
EXCEL Trial Clinical Substudies - 1
Moderators: Magdy Abdelhamid, Discussants: Sorin J. Brener, Pawel E. Buszman, Habib Gamra

10:30 am
TCT 306: Association Between Prediabetes and Clinical Outcomes After Left Main Coronary Artery Revascularization by PCI or CABG: Analysis From the EXCEL Trial
Presenting Author: Bjorn Redfors

10:37 am
Discussion

10:40 am
TCT 307: Vascular Closure Device Use After PCI for Left Main Disease: Analysis From the EXCEL Trial
Presenting Author: Toshiki Kuno

10:47 am
Discussion

10:50 am
TCT 308: Impact of Periprocedural Major Adverse Events After PCI and CABG on Long Term Outcomes in Patients With Left Main Disease: The EXCEL Trial
Presenting Author: Sneha Jain

10:57 am
Discussion
TCT 309: Incidence and Clinical Impact of Major Infections Following PCI or CABG for Left Main Disease: Insights From the EXCEL Trial
Presenting Author: Rodrigo Modolo

TCT 310: Outcomes in Patients With Peripheral Vascular Disease After PCI Versus CABG for Left Main Coronary Artery Disease: A Substudy From the EXCEL Trial
Presenting Author: Masahiko Noguchi

TCT 311: Four Year Clinical Outcomes in High Bleeding Risk Patients After Surgical or Percutaneous Left Main Coronary Artery Revascularization: The EXCEL Trial
Presenting Author: Bimmer E. Claessen

TCT 323: Angiography Derived Contrast Fractional Flow Reserve From a Specially Designed Computational Fluid Dynamic Method
Presenting Author: YUNLONG HUO

TCT 324: Diagnostic Performance of Angiogram Derived Fractional Flow Reserve: A Pooled Analysis of Five Prospective Cohort Studies
Presenting Author: Guy Witberg

TCT 325: Quantitative Flow Ratio for Assessment of Nonculprit Coronary Lesions in Patients With ST Segment Elevation Myocardial Infarction
Presenting Author: Hidekuni Kirigaya

TCT 326: Diagnostic Performance of Angiography Based Quantitative Flow Ratio With Respect To Fractional Flow Reserve Derived From Computed Tomography Angiography: Insight From the SYNTAX III Trial
Presenting Author: Kunihiko Takahashi

TCT 327: Feasibility of IVUS Derived FFR as a Novel Technique to Estimate Functional Severity of Coronary Stenosis
Presenting Author: Kuninobu Kashiyama

TCT 328: Diagnostic Performance of Quantitative Flow Ratio from Angiography Versus Fractional Flow Reserve From Computed Tomography
Presenting Author: Hiroki Emori

LARGE-BORE VASCULAR ACCESS AND CLOSURE

IMAGING-DERIVED PHYSIOLOGIC LESION ASSESSMENT - 1

TCT 323: Angiography Derived Contrast Fractional Flow Reserve From a Specially Designed Computational Fluid Dynamic Method
Presenting Author: YUNLONG HUO

TCT 324: Diagnostic Performance of Angiogram Derived Fractional Flow Reserve: A Pooled Analysis of Five Prospective Cohort Studies
Presenting Author: Guy Witberg

TCT 325: Quantitative Flow Ratio for Assessment of Nonculprit Coronary Lesions in Patients With ST Segment Elevation Myocardial Infarction
Presenting Author: Hidekuni Kirigaya

TCT 326: Diagnostic Performance of Angiography Based Quantitative Flow Ratio With Respect To Fractional Flow Reserve Derived From Computed Tomography Angiography: Insight From the SYNTAX III Trial
Presenting Author: Kunihiko Takahashi

TCT 327: Feasibility of IVUS Derived FFR as a Novel Technique to Estimate Functional Severity of Coronary Stenosis
Presenting Author: Kuninobu Kashiyama

TCT 328: Diagnostic Performance of Quantitative Flow Ratio from Angiography Versus Fractional Flow Reserve From Computed Tomography
Presenting Author: Hiroki Emori

TCT 330: Incidence and Clinical Impact of Major Infections Following PCI or CABG for Left Main Disease: Insights From the EXCEL Trial
Presenting Author: Rodrigo Modolo

TCT 331: Four Year Clinical Outcomes in High Bleeding Risk Patients After Surgical or Percutaneous Left Main Coronary Artery Revascularization: The EXCEL Trial
Presenting Author: Bimmer E. Claessen

TCT 332: Feasibility of IVUS Derived FFR as a Novel Technique to Estimate Functional Severity of Coronary Stenosis
Presenting Author: Kuninobu Kashiyama

TCT 333: Diagnostic Performance of Quantitative Flow Ratio from Angiography Versus Fractional Flow Reserve From Computed Tomography
Presenting Author: Hiroki Emori
NATURAL HISTORY AND MANAGEMENT OF MITRAL AND TRICUSPID VALVE DISEASE - 2

Natural History and Management of Mitral and Tricuspid Valve Disease - 2

Structural: Valve

THURSDAY, SEPTEMBER 26, 2019
10:30 AM - 11:30 AM
Moderated Posters 1, Exhibit Hall, Exhibition Level, Moscone South

10:30 AM - 11:30 AM
Natural History and Management of Mitral and Tricuspid Valve Disease - 2
Moderators: Francesco Saia, Discussants: Karl-Heinz Kuck, Alexander Lauten, Helge Möllmann, Luigi Salemme

10:30 AM
TCT 436: Transcatheter Versus Surgical Mitral Valve Repair in Patients With Prior CABG: A Nationwide Analysis
Presenting Author: Syed Zaid

10:37 AM
Discussion

10:40 AM
TCT 437: Characteristics and Outcomes of Patients With Normal Left Atrial Pressure Undergoing Transcatheter Mitral Valve Repair
Presenting Author: Jason Sims

10:47 AM
Discussion

10:50 AM
TCT 438: Prognosis of MitraClip Combined With Optimal Medical Therapy vs. Optimal Medical Therapy Alone in the Treatment of Functional Mitral Regurgitation: A Meta Analysis of Randomized Controlled Trials and Propensity Score Matching Cohorts
Presenting Author: Jakrin Kewcharoen

10:57 AM
Discussion

11:00 AM
TCT 439: Procedural and 30 Day Outcomes of Patients Undergoing Transcatheter Aortic and Mitral Valve Replacements
Presenting Author: Alan Zajarias

11:07 AM
Discussion

11:10 AM
Presenting Author: Clare Ward

11:17 AM
Discussion

11:20 AM
TCT 441: Effects of Frailty on Postprocedural Outcomes in Patients Receiving Transcatheter Mitral Valve Repair
Presenting Author: Nathaniel Christian-Miller

11:27 AM
Discussion

OUTCOMES AFTER PRIMARY PCI - 2

Outcomes After Primary PCI - 2

Coronary: CHIP

PACEMAKERS AND CONDUCTION ABNORMALITIES IN PATIENTS WITH TAVR - 1

Pacemakers and Conduction Abnormalities in Patients With TAVR - 1

Structural: Valve

THURSDAY, SEPTEMBER 26, 2019
10:30 AM - 11:20 AM
The Moscone Center

10:30 AM - 11:30 AM
Outcomes After Primary PCI - 2
Moderator: Michael Kang-Yin Lee

10:30 AM
TCT 489: Base Camp to Mount Everest: Milestones in Advancing a Single Lead for STEMI Detection
Presenting Author: Sameer Mehta

10:37 AM
Discussion

10:40 AM
TCT 490: Myocardial Infarction Due to Acute Left Circumflex LCx Occlusion: Electrocardiographic Parameters Infarct Size Reperfusion Delay Average Hospital Stay and Cardiovascular Mortality
Presenting Author: IGNACIO SANCHEZ PEREZ

10:47 AM
Discussion

10:50 AM
TCT 491: A Novel Risk Score to Predict 24 Month Postdischarge Death for Patients With Non ST Segment Elevation Myocardial Infarction
Presenting Author: Guofeng Gao

10:57 AM
Discussion

11:00 AM
TCT 492: Impact of Hemoglobin Concentration on Infarct Size in Patients With STEMI Undergoing PCI: Patient Level Pooled Analysis From Two Randomized Trials
Presenting Author: Fotis Gkargkoulas

11:07 AM
Discussion

11:10 AM
TCT 493: Epidemiology of In Hospital Cardiac Arrest Complicating Non ST Elevation Myocardial Infarction Receiving Early Coronary Angiography
Presenting Author: Saraschandra Vallabhajosyula

11:17 AM
Discussion

11:20 AM
TCT 494: PFT Based Antiplatelet Therapy Reduces Cardiovascular Events in Post AMI Patients With Left Ventricular Dysfunction After Percutaneous Coronary Intervention
Presenting Author: YOU JIEYUN

11:27 AM
Discussion
10:30 AM - 11:20 AM
Pacemakers and Conduction Abnormalities in Patients With TAVR - 1
Moderators: Philippe Pibarot
Discussants: Hyo-Soo Kim, David W.M. Muller

10:30 AM
TCT 525: Predictors of Permanent Pacemaker Implantation After Transcatheter Aortic Valve Replacement in Patients With Very Large Annuli: Data From the 34mm Self Expanding CoreValve Evolut R Prospective Multicenter Registry
Presenting Author: Victor Alfonso Jimenez Dias

10:37 AM
Discussion

10:40 AM
TCT 526: Impact of Pre Existing Conduction Abnormalities on Permanent Pacemaker Requirement and Survival in Patients Undergoing Transcatheter Aortic Valve Replacement With the SAPIEN 3 Valve
Presenting Author: Yasser Sammour

10:47 AM
Discussion

10:50 AM
TCT 527: Site Level Variation and Predictors of Post TAVR Permanent Pacemaker Implantation in the Evolut Low Risk Trial
Presenting Author: Hemal Gada

10:57 AM
Discussion

11:00 AM
TCT 528: Novel Predictors of New Permanent Pacemaker Implantation After Evolut TAVR
Presenting Author: Syed Zaid

11:07 AM
Discussion

11:10 AM
TCT 529: Novel Predictors New Persistent Left Bundle Branch Block After Evolut TAVR
Presenting Author: Syed Zaid

11:17 AM
Discussion

BIORESORBABLE SCAFFOLDS - 2

Bioresorbable Scaffolds - 2
Coronary: Core

THURSDAY, SEPTEMBER 26, 2019
11:30 AM - 12:30 PM
Moderated Posters 6, Exhibit Hall, Exhibition Level, Moscone South

11:30 AM - 12:30 PM
Bioresorbable Scaffolds - 2
Moderators: Olivier F. Bertrand, Bill D. Gogas
Discussants: Stephen P. Hoole, Vincent On-Hing Kwok, Detlef G. Mathey

11:30 AM
TCT 170: Endothelial Shear Stress and Vascular Remodeling in Bioresorbable Scaffold and Metallic Stent
Presenting Author: ERHAN TENEKECIOGLU

11:37 AM
Discussion

11:40 AM
TCT 171: A First in Man Study of the Firesorb Sirolimus Target Eluting Bioresorbable Vascular Scaffold in Patients With Coronary Artery Disease FUTURE I: 3 Year Clinical and Imaging Outcomes
Presenting Author: Md Misbahul Ferdous

11:47 AM
Discussion

11:50 AM
TCT 172: Hemodynamic Analysis of New Version Mirage Biodesorbable Scaffold and Metallic Ultimaster Stent: A New Era Begins With Shear Stress Analysis in Stent Assessment
Presenting Author: ERHAN TENEKECIOGLU

11:57 AM
Discussion

12:00 AM
TCT 173: The ABSORB IIland ABSORB Japan Trials: Final Intravascular Ultrasound Results
Presenting Author: Yasuhiro Honda

12:07 AM
Discussion

12:10 AM
TCT 174: Overexpansion of Thin Strut BRS in a Lesion Model: In Vitro Insights on Recoil and Mechanical Integrity
Presenting Author: Ang Huiying

12:17 AM
Discussion

12:20 AM
TCT 175: A First in Man Study of the Bioheart Sirolimus Eluting Bioresorbable Scaffold in Patients With Coronary Artery Disease: 2 Year Clinical and Imaging Outcomes
Presenting Author: Md Misbahul Ferdous

12:27 AM
Discussion

EXCEL TRIAL CLINICAL SUBSTUDIES - 2

EXCEL Trial Clinical Substudies - 2
Coronary: CHIP

THURSDAY, SEPTEMBER 26, 2019
11:30 AM - 12:30 PM
Moderated Posters 6, Exhibit Hall, Exhibition Level, Moscone South

11:30 AM - 12:30 PM
EXCEL Trial Clinical Substudies - 2
Moderators: Daniel Chamie
Discussants: Jun-Jack Cheng, Kenneth Chin, Kalpa De Silva

11:30 AM
TCT 312: Spontaneous Myocardial Infarction After Revascularization in Left Main Disease: Analysis From the EXCEL Trial
Presenting Author: Mahesh V. Madhavan

11:37 AM
Discussion

11:40 AM
TCT 313: Incidence and Impact of Major Bleeding Events After PCI or CABG for Left Main Coronary Artery Disease: The EXCEL Trial
Presenting Author: Gennaro Giustino

11:47 AM
Discussion

11:50 AM
TCT 314: Inpatient vs. Outpatient PCI in Patients With Left Main Disease: Analysis From the EXCEL Trial
Presenting Author: Prakriti Gaba

11:57 AM
Discussion
12:00 PM TCT 315: White Blood Cell Count and 4 Year Clinical Outcomes After Left Main Coronary Artery Revascularization: Insights From the EXCEL Trial
Presenting Author: Bimmer E. Claessen

12:07 PM Discussion

12:10 PM TCT 316: Clinical Outcomes After Left Main Coronary Artery Revascularization by PCI or CABG in Current Former and Never Smokers: Analysis From the EXCEL Trial
Presenting Author: Bahira Shahim

12:17 PM Discussion

12:20 PM TCT 317: Impact of Coronary Artery Dominance on Prognosis After PCI and CABG for Unprotected Left Main Disease: Analysis From the EXCEL Trial
Presenting Author: Eisuke Usui

12:27 PM Discussion

12:00 PM TCT 446: Sex Related Differences in In Hospital Outcomes of Transcatheter Mitral Valve Repair: Perspectives From a National Database
Presenting Author: Ayman Elbadawi

12:17 PM Discussion

12:20 PM TCT 447: MitraClip Compared to Surgical Mitral Valve Repair in Octogenarians A Nationwide Analysis 2012 2015
Presenting Author: Syed Zaid

12:27 PM Discussion

OUTCOMES AFTER PRIMARY PCI - 3

THURSDAY, SEPTEMBER 26, 2019
11:30 AM - 12:30 PM
The Moscone Center

11:30 AM - 12:30 PM
Outcomes After Primary PCI - 3
Moderators: Jose L. Leiva-Pons, Manel SabateDiscussants: Michael Maeng, Ahmed Magdy

11:30 AM TCT 495: Global Health  Telemedicine Guided AMI Management
Presenting Author: Sameer Mehta

11:37 AM Discussion

11:40 AM TCT 496: Impact of Body Mass Index on Infarct Size and Clinical Outcomes Following Primary PCI: Patient Level Analysis From 6 Randomized Trials
Presenting Author: Bahira Shahim

11:47 AM Discussion

11:50 AM TCT 497: A Novel Risk Stratification System Angiographic GRACE Score Is Useful for Predicting In Hospital Mortality of Patients With Acute Myocardial Infarction: From K Active Registry
Presenting Author: Takanobu Mitarai

11:57 AM Discussion

12:00 AM TCT 498: Final Results of the Optimal Timing of Coronary Intervention in Unstable Angina 2 OPTIMA 2 Trial
Presenting Author: Nick Fagel

12:07 AM Discussion

12:10 AM TCT 499: App Based Remote Monitoring and Virtual Review Following ST Elevation Myocardial Infarction STEMI
Presenting Author: Debashish Das

12:17 AM Discussion

12:20 AM TCT 500: Association Between Microvascular Dysfunction and Diastolic Dysfunction in ST Segment Elevation Myocardial Infarction With Preserved Ejection Fraction

12:27 AM Discussion

NATURAL HISTORY AND MANAGEMENT OF MITRAL AND TRICUSPID VALVE DISEASE - 3

Natural History and Management of Mitral and Tricuspid Valve Disease - 3
Structural: Valve

THURSDAY, SEPTEMBER 26, 2019
11:30 AM - 12:30 PM
Moderated Posters 1, Exhibit Hall, Exhibition Level, Moscone South

11:30 AM TCT 442: The Volume Outcomes Relationship Between Mitral Valve Surgery and MitraClip Procedure in a US Registry
Presenting Author: Jad Omran

11:37 AM Discussion

11:40 AM TCT 443: Mitraclip Outcomes in Patients With Coronary Artery Disease
Presenting Author: Obai Abdullah

11:47 AM Discussion

11:50 AM TCT 444: Left Ventricular Thinning and Distension to Mimic Heart Failure and Functional Mitral Regurgitation in Swine Hearts: A Platform to Test New Transcatheter Mitral and Heart Failure Devices
Presenting Author: Elorm Agra

11:57 AM Discussion

12:00 AM TCT 445: Incidence of Cardiogenic Shock Between Transcatheter and Surgical Mitral Valve Repair in the United States: Insights From the Nationwide Inpatient Sample
Presenting Author: Richard Hajjar

12:07 AM Discussion
PACEMAKERS AND CONDUCTION ABNORMALITIES IN PATIENTS WITH TAVR - 2

Pacemakers and Conduction Abnormalities in Patients With TAVR - 2

Structural: Valve

THURSDAY, SEPTEMBER 26, 2019
11:30 am - 12:20 pm
The Moscone Center

11:30 am - 12:20 pm
Pacemakers and Conduction Abnormalities in Patients With TAVR - 2
Moderators: Jan Kovac, Pablo Lamelas
Discussants: Michael Kang-Yin Lee, Stamatios Lerakis, Grayson H. Wheatley

11:30 am TCT 530: Late Onset of New Conduction Disturbances Requiring Permanent Pacemaker Implantation Following Transcatheter Aortic Valve Implantation
Presenting Author: Martijn S. van Mourik

11:37 am Discussion

11:40 am TCT 531: Risk Factors Associated With Permanent Pacemaker Implantation in Patients Receiving a Balloon Expandable Transcatheter Aortic Valve Prosthesis Results From Retrospective International Multicenter CONDUCT Registry
Presenting Author: Michal Droppa

11:47 am Discussion

11:50 am TCT 532: Impact of New Pacemakers in Patients Undergoing TAVR: A Report From the NationalSWENTRY and Swedish ICD and Pacemaker Registries
Presenting Author: Oskar Angerås

11:57 am Discussion

12:00 pm TCT 533: New Permanent Pacemaker Implantation Does Not Affect Survival After Transcatheter Aortic Valve Replacement With SAPIEN 3 Valve
Presenting Author: Yasser Sammour

12:07 pm Discussion

12:10 pm TCT 534: Outcomes After Pacemaker Implantation in Patients With New Onset Left Bundle Branch Block After Transcatheter Aortic Valve Replacement
Presenting Author: Michael Megaly

12:17 pm Discussion

REVASCULARIZATION IN THE ELDERLY AND THE FRAIL - 2

Revascularization in the Elderly and the Frail - 2

Coronary: CHIP

THURSDAY, SEPTEMBER 26, 2019
11:30 am - 12:30 pm
Moderated Posters 8, Exhibit Hall, Exhibition Level, Moscone South

11:30 am - 12:30 pm
Revascularization in the Elderly and the Frail - 2
Moderators: Bernhard Meyer, Gilles Montalescot
Discussants: John McB. Hodgson, Eliano Pio Navarese, Cheryl Pegus, John A. Spertus

11:30 am TCT 645: The Importance of Coronary Revascularization and Guideline Directed Medical Therapy GDMT in Elderly With Non ST Elevation Acute Coronary Syndrome NSTE ACS
TAVR and Coronary Artery Disease - 1

TAVR and Coronary Artery Disease - 1

THURSDAY, SEPTEMBER 26, 2019
11:30 am - 12:30 pm
Moderated Posters 3, Exhibit Hall, Exhibition Level, Moscone South

11:30 am - 12:30 pm
TAVR and Coronary Artery Disease - 1
Moderators: Bernard R. Chevalier, James Cockburn
Discussants: Talib Majwal, John C. Messenger, Rajeev Narayan

11:30 am
TCT 679: Outcomes of Combined Transcatheter Aortic Valve Replacement and Percutaneous Coronary Interventions
Presenting Author: Tariq Enezate

11:37 am
Discussion

11:40 am
TCT 680: Validation of Virtual to Coronary Distance in Native Transcatheter Aortic Valve Replacement
Presenting Author: Michael Fuery

11:47 am
Discussion

11:50 am
TCT 681: In Hospital and Short Term TAVR Outcomes in Patients With and Without Unrevascularized Coronary Artery Disease
Presenting Author: Abdulla Damluji

11:57 am
Discussion

12:00 pm
TCT 682: Percutaneous Coronary Intervention and Transcatheter Aortic Valve Replacement Within the Same Admission
Presenting Author: Konstantinos Voudris

12:07 pm
Discussion

12:10 pm
TCT 683: Variation in the Timing of Percutaneous Coronary Intervention and Outcomes in Patients Undergoing Transcatheter Aortic Valve Replacement
Presenting Author: Tomoki Ochiai

12:17 pm
Discussion

12:20 pm
TCT 684: Treatment Strategies in Patients with Stable Obstructive Coronary Artery Disease and Severe Aortic Valve Stenosis Who Underwent TAVR
Presenting Author: Mahmoud Ali

12:27 pm
Discussion

Outcomes after Primary PCI - 4

Outcomes after Primary PCI - 4
Coronary: CHIP

THURSDAY, SEPTEMBER 26, 2019
12:30 pm - 1:30 pm
Moderated Posters 4, Exhibit Hall, Exhibition Level, Moscone South

12:30 pm
TCT 501: Forging Partnerships for Constructing a Telemedicine Guided Nationwide STEMI Program for Mexico
Presenting Author: Sameer Mehta

12:37 pm
Discussion

12:40 pm
TCT 502: One Year Outcomes of Supersaturated Oxygen Therapy in Acute Anterior Myocardial Infarction: The IC HOT Study
Presenting Author: Shmuel Chen

12:47 pm
Discussion

12:50 pm
TCT 503: KASH Score: A New Tool to Predict in Hospital Death in Patients With Myocardial Infarction
Presenting Author: Joel Monteiro

12:57 pm
Discussion

1:00 pm
TCT 504: The Effect of Timing of Percutaneous Coronary Intervention Following Thrombolytic Therapy on the Outcome of Patients Presenting With Anterior ST Elevation Myocardial Infarction
Presenting Author: Ahmad Alkonaissi

1:07 pm
Discussion

TRANSCATHETER VALVE THERAPY | THURSDAY, SEPTEMBER 26, 2019
Last Updated 08/19/2019  Page: 65
1:10 PM TCT 505: Impact of Gender and Door to Balloon Times on Long Term Mortality in Patients Presenting With ST Elevation Myocardial Infarction STEMI
Presenting Author: Alexandra Murphy

1:17 PM Discussion

1:20 PM TCT 506: LATIN STEMI Prototype for Developing Countries
Presenting Author: Sameer Mehta

1:27 PM Discussion

PACEMAKERS AND CONDUCTION ABNORMALITIES IN PATIENTS WITH TAVR - 3

Pacemakers and Conduction Abnormalities in Patients With TAVR - 3

THURSDAY, SEPTEMBER 26, 2019
12:30 PM - 1:20 PM
The Moscone Center

12:30 PM TCT 535: Impact of Rapid Ventricular Pacing on Outcomes in Patient With Heart Failure After Transcatheter Aortic Valve Replacement A Retrospective Analysis at a Community Hospital
Presenting Author: Eduardo Venegas

12:37 PM Discussion

12:40 PM TCT 536: Impact of Transcatheter Aortic Valve Replacement on His Ventricular Interval
Presenting Author: Christian Ukena

12:47 PM Discussion

12:50 PM TCT 537: Electrophysiologic Complications With Transcatheter vs. Surgical Aortic Valve Replacement in Low Risk Patients: Evidence From a Meta Analysis of Randomized Controlled Trials
Presenting Author: Amartya Kundu

12:57 PM Discussion

1:00 PM TCT 538: Can an Entirely Extracardiac Minimally Invasive Pacing System Be Helpful in TAVR Patients
Presenting Author: Martin Burke

1:07 PM Discussion

1:10 PM TCT 539: Novel Predictors of New Persistent Left Bundle Branch Block After Edwards SAPIEN 3 TAVR
Presenting Author: Syed Zaid

1:17 PM Discussion

RENAL INSUFFICIENCY AND CONTRAST NEPHROPATHY - 1

Renal Insufficiency and Contrast Nephropathy - 1

Coronary: Core

THURSDAY, SEPTEMBER 26, 2019
12:30 PM - 1:30 PM
Moderated Posters 7, Exhibit Hall, Exhibition Level, Moscone South

12:30 PM TCT 609: Use of Iso Osmolar Contrast Media in High AKI Risk Patients Undergoing Endovascular Abdominal Aortic Aneurysm Repair EVAR Is Associated With Lower Incidence of Major Adverse Renal or Cardiac Events MARCE
Presenting Author: Amit Amin

12:37 PM Discussion

12:40 PM TCT 610: Impact of Baseline Renal Function on the Long Term Clinical Outcomes After PCI: Insights From a Prespecified Subgroup Analysis of the Randomized GLOBAL LEADERS Trial
Presenting Author: Mariusz Tomaniak

12:47 PM Discussion

12:50 PM TCT 611: Influence of Renal Dysfunction for Ischemic Stroke and Major Bleeding in Patients With Atrial Fibrillation Undergoing Percutaneous Coronary Intervention
Presenting Author: Ko Yamamoto

12:57 PM Discussion

1:00 PM TCT 612: Poor Prognosis of Contrast Induced Nephropathy Was Observed More Than Ten Years Follow Up
Presenting Author: TAILI LIU

1:07 PM Discussion

1:10 PM TCT 613: Preventive Intravascular Volume Expansion Strategies for Contrast Induced Acute Kidney Injury in Patients Receiving Intravascular Contrast Media
Presenting Author: Omar Sheikh

1:17 PM Discussion

1:20 PM TCT 614: Predictive and Prognostic Value of Serum Neutrophil Gelatinase Associated Lipocalin for Contrast Induced Acute Kidney Injury and Long Term Clinical Outcomes After Percutaneous Coronary Intervention
Presenting Author: Ik Jun Choi

1:27 PM Discussion

STENT THROMBOSIS AND RESTENOSIS - 1

Stent Thrombosis and Restenosis - 1

Coronary: CHIP

THURSDAY, SEPTEMBER 26, 2019
12:30 PM - 1:20 PM
Moderated Posters 2, Exhibit Hall, Exhibition Level, Moscone South
12:30 PM - 1:20 PM
Stent Thrombosis and Restenosis - 1
Moderators: Detlef G. Mathey, Pieter R. Stella
Discussants: Elmir Omerovic, Robert S. Schwartz, Jean-François Tanguay, Ron S. Waksman

12:30 PM TCT 657: Comparison of Subsequent Neoatherosclerotic Findings at Mid Term Follow Up Optical Coherence Tomography Between Second and Third Generation Drug Eluting Stent Implantation
Presenting Author: Toshiya Miura

12:37 PM Discussion

12:40 PM TCT 658: Severe Acute Stent Malapposition After Drug Eluting Stent Implantation: Effects on Long Term Clinical Outcomes
Presenting Author: Seung-Yul Lee

12:47 PM Discussion

12:50 PM TCT 659: Intravascular Ultrasound Analysis of Calcified Neoatherosclerosis Causing In Stent Restenosis and Its Clinical Implication: From IRIS DES and DEB Registry
Presenting Author: Yaeung-Chol Cho

12:57 PM Discussion

1:00 PM TCT 660: Repeat Vascular Brachytherapy for Recurrent In Stent Restenosis in Patients With Failed Intracoronary Radiation Therapy
Presenting Author: Yuefeng Chen

1:07 PM Discussion

1:10 PM TCT 661: Angiographic Results of Everolimus Eluting Stents for the Treatment of In Stent Restenosis
Presenting Author: Jens Wiebe

1:17 PM Discussion

ASSESSMENT OF PATIENTS WITH AORTIC STENOSIS OR AORTIC INSUFFICIENCY - 2

Assessment of Patients With Aortic Stenosis or Aortic Insufficiency - 2
Structural: Valve

THURSDAY, SEPTEMBER 26, 2019
2:00 PM - 3:00 PM
The Moscone Center

2:00 PM - 3:00 PM
Assessment of Patients With Aortic Stenosis or Aortic Insufficiency - 2
Moderators: Pedro A. Lemos
Discussants: Blase A. Carabello, Petra Pollackova, Stephen R. Ramee

2:00 PM TCT 140: Impact of Left Ventricular Mass Regression on Long Term Clinical Outcomes After Transcatheter Aortic Valve Replacement: An Analysis of the PARTNER 1 and 2 Trials and Registries
Presenting Author: Katherine Chau

2:07 PM Discussion

2:10 PM TCT 141: C Reactive Protein/Albumin Ratio in Patients Undergoing Transcatheter Aortic Valve Replacement
Presenting Author: Derk Frank

2:17 PM Discussion

2:20 PM TCT 142: Clinical Characteristics and Outcomes of Patients Undergoing Transcatheter Aortic Valve Replacement with STS PROM of 3
Presenting Author: Jackson King

2:27 PM Discussion

2:30 PM TCT 143: Changes in Quality of Life in Patients With Low Flow Aortic Stenosis Undergoing Transcatheter Aortic Valve Replacement
Presenting Author: Aisha Ahmed

2:37 PM Discussion

2:40 PM TCT 144: Impact of Diastolic Dysfunction on Mortality and Quality of Life After Transcatheter Aortic Valve Replacement
Presenting Author: Mahesh Anantha Narayanan

2:47 PM Discussion

2:50 PM TCT 145: Invasive Corroboration of Echocardiographic Low Stroke Volume Index in Aortic Stenosis and Its Impact on Transaortic Gradient and Aortic Valve Area
Presenting Author: Ramy Mando

2:57 PM Discussion

DRUG-ELUTING BALLOONS AND LOCAL DRUG DELIVERY - 1

Drug-Eluting Balloons and Local Drug Delivery - 1
Coronary: Core

THURSDAY, SEPTEMBER 26, 2019
2:00 PM - 3:00 PM
Moderated Posters 6, Exhibit Hall, Exhibition Level, Moscone South

2:00 PM - 3:00 PM
Drug-Eluting Balloons and Local Drug Delivery - 1
Moderators: Robert M. Bersin
Discussants: Marianne Brodmann, Salvatore Cassese, Jihad A. Mustapha

2:00 PM TCT 259: Drug Coated Balloon Versus Drug Eluting Stent for the Treatment of Small Vessel Disease: 2 Year Clinical Outcomes of the RESTORE SVD China Randomized Trial
Presenting Author: Jian Tian

2:07 PM Discussion

2:10 PM TCT 260: Procedural Optimization Improved the Clinical Outcome of Drug Coated Balloons for DES ISR Proposal of the DCB 4 Factors
Presenting Author: Jeehoon Kang

2:17 PM Discussion
TCT 261: Identifying Conditions for Very Late Tissue Retention of Paclitaxel: Insights From Mechanistic Computational Modeling
Presenting Author: Abraham Tzafriri

TCT 262: Use of Sirolimus Coated Balloon in Small Vessel De Novo Lesions: Mid Term Follow Up From a Single Center Registry
Presenting Author: Sandeep Basavarajaiah

TCT 263: To Assess the Safety and Efficacy of Novel Drug Coated Balloon in Patients With De Novo Lesions Located in Small Vessel Arteries 2.75 mm: 2 Year Results From Prospective Study
Presenting Author: Bernardo Cortese

TCT 264: Clinical Outcome Post Sirolimus Coated Balloon Angioplasty in Patients With De Novo Lesions Located in Small Vessel Arteries 2.75 mm: 2 Year Results From Prospective Study
Presenting Author: Bernardo Cortese

TCT 282: Predictors of Clinical Outcomes After Implantation of Novel Sirolimus Eluting Stent in Real World Patient Population
Presenting Author: Sameer Dani

TCT 283: Ten Year Clinical Outcomes from a Trial of Three Limus Eluting Stents With Different Polymer Coatings in Diabetic Patients with Coronary Artery Disease: Results from the ISAR TEST 4 Randomized Trial
Presenting Author: Erion Xhepa

TCT 284: Latest Update of the Worldwide Everyday Practice Registry Assessing the Xposition S Self apposing Stent in Challenging Lesions With Vessel Diameter Variance SIZING Registry
Presenting Author: Steffen Schnupp

TCT 285: Stent Diameter and Clinical Outcomes After PCI: From the COMBO MASCOT and REMEDEE Collaboration.
Presenting Author: Doreen Zeebregts

TCT 286: Efficacy and Safety of the Newer generation Zotarolimus eluting stent in Routine Clinical Practice: Data from the IRIS DES Registry
Presenting Author: Ju Hyeon Kim

TCT 287: Impact of Eligibility Criteria on Clinical Outcomes of Firehawk and XIENCE Coronary Drug Eluting Stent in an All Comers Randomized Trial
Presenting Author: Yuichi Saito

TCT 288: Stent Diameter and Clinical Outcomes After PCI: From the COMBO MASCOT and REMEDEE Collaboration.
Presenting Author: Doreen Zeebregts

TCT 289: A Meta analysis Comparing Shorter lt3months versus Longer duration 12 Months Dual Antiplatelet Therapy Following New generation Drug eluting Stents
Presenting Author: Kalaivani Mahadevan
TCT 398: Impact of Long term Ticagrelor Monotherapy Following One month Dual Antiplatelet Therapy in Patients Who Underwent Complex Percutaneous Coronary Intervention: Insights From the Global Leaders Trial

Presenting Author: Patrick W. Serruys

TCT 399: Long Term Cardiovascular Outcomes According to the Antiplatelet Agent Discontinued After Coronary Stenting: Insights From Four Xience V Post Approval Studies

Presenting Author: Davide Cao

TCT 448: Left Ventricular Meridional Systolic Wall Stress Predicts Heart Failure Readmissions in Patients Undergoing Transcatheter Mitral Valve Repair

Presenting Author: Srilekha Sridhara

TCT 449: Transcatheter Mitral Valve Replacement: New Strategies

Presenting Author: Georg Lutter

TCT 450: Impact of Atrial Fibrillation on Short Term Outcomes In Patients Undergoing Percutaneous Mitral Valve Repair.

Presenting Author: Mohamed M. Gad

TCT 451: Trends in Inpatient Complications and Readmissions with Transcatheter Surgical Mitral Valve Repair from 2012 to 2016

Presenting Author: poonam bhyan

TCT 452: Septal Correction to Prevent Iatrogenic Left Ventricular Outflow Tract Obstruction SCORPIONprior to Transcatheter Mitral Valve Replacement

Presenting Author: John Lisko

TCT 581: Jailed pressure wire to assess the side branch result for bifurcation lesions treated by provisional stenting strategy: iFR as a new index.

Presenting Author: Manuel D. Pan

TCT 582: Multi center Clinical Evaluation of a MEMS sensor equipped Rapid exchange Pressure Microcatheter System for Fractional Flow Reserve Measurement SUPREME study

Presenting Author: chenguang li

TCT 583: Predictors of Functional Significance of Coronary Bifurcation Stenoses Importance of Lesion Characteristics and SYNTAX score Analysis from FIESTA Registry Database ClinicalTrials.gov Identifier: NCT01724957

Presenting Author: Kiril Karamfiloff

TCT 584: Assessment of Interference Between Pressure Wire and Coronary Stents Deployed in the Side Branch: Insights From a Bench Test

Presenting Author: Takayuki Warisawa

TCT 585: Prognostic Implications of Coronary Physiologic Indices in Deferred Coronary Artery Lesions with Diabetes Mellitus

Presenting Author: Doyeon Hwang

TCT 586: Association between Renal Function and Fractional Flow Reserve : Data From a Prospective IRIS FFR Registry Interventional Cardiology Research Incoporation Society Fractional Flow Reserve

PHYSIOLOGIC LESION ASSESSMENT - 2

Physiologic Lesion Assessment - 2

Coronary: Core

THURSDAY, SEPTEMBER 26, 2019

2:00 PM - 3:00 PM

TCT 581: Jailed pressure wire to assess the side branch result for bifurcation lesions treated by provisional stenting strategy: iFR as a new index.

Presenting Author: Manuel D. Pan

2:07 PM Discussion

TCT 582: Multi center Clinical Evaluation of a MEMS sensor equipped Rapid exchange Pressure Microcatheter System for Fractional Flow Reserve Measurement SUPREME study

Presenting Author: chenguang li

2:14 PM Discussion

TCT 583: Predictors of Functional Significance of Coronary Bifurcation Stenoses Importance of Lesion Characteristics and SYNTAX score Analysis from FIESTA Registry Database ClinicalTrials.gov Identifier: NCT01724957

Presenting Author: Kiril Karamfiloff

2:21 PM Discussion

TCT 584: Assessment of Interference Between Pressure Wire and Coronary Stents Deployed in the Side Branch: Insights From a Bench Test

Presenting Author: Takayuki Warisawa

2:28 PM Discussion

TCT 585: Prognostic Implications of Coronary Physiologic Indices in Deferred Coronary Artery Lesions with Diabetes Mellitus

Presenting Author: Doyeon Hwang

2:35 PM Discussion

TCT 586: Association between Renal Function and Fractional Flow Reserve : Data From a Prospective IRIS FFR Registry Interventional Cardiology Research Incoporation Society Fractional Flow Reserve

2:42 PM Discussion
RENAL INSUFFICIENCY AND CONTRAST NEPHROPATHY - 2

Renal Insufficiency and Contrast Nephropathy - 2

THURSDAY, SEPTEMBER 26, 2019
2:00 PM - 3:00 PM
Moderated Posters 7, Exhibit Hall, Exhibition Level, Moscone South

2:00 PM
TCT 615: A Supervised Machine Learning Approach for Predicting Acute Kidney Injury following Percutaneous Coronary Intervention
Presenting Author: Rayji Tsutsui

2:07 PM
Discussion

2:10 PM
TCT 616: Midkine as an early biomarker of contrast induced acute kidney injury in patients undergoing percutaneous coronary interventions for acute coronary syndrome
Presenting Author: Mohamed Ahmed

2:17 PM
Discussion

2:20 PM
TCT 617: Clinical and Economic Outcomes of a Comprehensive Clinical Quality Initiative for Reducing Acute Kidney Injury in Chronic Kidney Disease Patients Undergoing Coronary Angiography
Presenting Author: Robert Kutschman

2:27 PM
Discussion

2:30 PM
TCT 618: A Feasibility Study of the DyeVertPlus Contrast Reduction System to Reduce Contrast Media in Optical Coherence Tomography guided Percutaneous Coronary Interventions
Presenting Author: Vlad Zimin, MD, PhD

2:37 PM
Discussion

2:40 PM
TCT 619: Clinical Impact of Renal Impairment in Diabetic Patients Underwent Percutaneous Coronary Intervention
Presenting Author: Sangwoo Park

2:47 PM
Discussion

2:50 PM
TCT 620: The association between long term worsening renal function and mortality after transcatheter aortic valve replacement in patients with chronic kidney disease
Presenting Author: Derek Phan

2:57 PM
Discussion

TAVR AND CORONARY ARTERY DISEASE - 2

TAVR and Coronary Artery Disease - 2

THURSDAY, SEPTEMBER 26, 2019
2:00 PM - 3:00 PM
Moderated Posters 3, Exhibit Hall, Exhibition Level, Moscone South

2:00 PM
TCT 685: Coronary Stenosis Before TAVR Are Not Necessarily Associated With Poorer One Year Prognosis and May Be Medically Managed
Presenting Author: Cécile Cazé

2:07 PM
Discussion

2:10 PM
TCT 686: The Impact of Coronary Artery Disease and Pre-procedural PCI on the Short and Long term Mortality after TAVR
Presenting Author: Thomas van den Boogert

2:17 PM
Discussion

2:20 PM
TCT 687: Outcomes in Patients Undergoing Transcatheter Aortic Valve Replacement With or Without Percutaneous Coronary Intervention: A Systematic Review and Meta Analysis
Presenting Author: Naser Yamani

2:27 PM
Discussion

2:30 PM
TCT 688: The Need for Future Coronary Access Following Aortic Valve Replacement: A Retrospective Database Analysis of Five Year Angiogram and Percutaneous Coronary Interventions PCI Rates in the Medicare Population
Presenting Author: Kimberly Moore

2:37 PM
Discussion

2:40 PM
TCT 689: Does Orienting Sapien 3 during Crimping in TAVR Affect Final Orientation to Coronaries to Impact TAV in TAV and Coronary Reaccess A Pilot Study
Presenting Author: Gilbert Tang DUPE

2:47 PM
Discussion

2:50 PM
TCT 690: Initial Deployment Orientation of ACURATE neo THV and Final Commisural Alignment: A Pilot Study on Optimizing Post Procedural Coronary Access
Presenting Author: Andreas Fuchs

2:57 PM
Discussion

DRUG-ELUTING BALLOONS AND LOCAL DRUG DELIVERY - 2

Drug-Eluting Balloons and Local Drug Delivery - 2

THURSDAY, SEPTEMBER 26, 2019
3:00 PM - 4:00 PM
Moderated Posters 6, Exhibit Hall, Exhibition Level, Moscone South
3:00 PM - 4:00 PM
Drug-Eluting Balloons and Local Drug Delivery - 2
Moderators: Kenneth Chin, Bimmer E. Claessen
Discussants: Armando Perez de Prado, Sudhir Rathore, Robert S. Schwartz

3:00 PM  
TCT 265: Percutaneous coronary interventions with drug coated balloons or drug eluting stents for the treatment of small native vessel coronary artery disease: a meta analysis of randomized trials. 
Presenting Author: Jorge Sanz Sanchez

3:07 PM  
Discussion

3:10 PM  
TCT 266: Long Term Clinical Follow up of Small Coronary De Novo Lesions Treated with a Novel Second Generation Paclitaxel Coated Balloon Catheter  
Presenting Author: Javier Benezet Mazuecos

3:17 PM  
Discussion

3:20 PM  
TCT 267: A Multicenter Registry to Evaluate Drug Coated Balloon Angioplasty after Directional Coronary Atherectomy for Coronary Bifurcation Lesions  
Presenting Author: Shunsuke Kitani

3:27 PM  
Discussion

3:30 PM  
TCT 268: Mid Term Clinical Outcomes Post Sirolimus Coated Balloon Angioplasty in Patients with Coronary Artery Disease: Single Centre Experience  
Presenting Author: Yoriyasu Suzuki

3:37 PM  
Discussion

3:40 PM  
TCT 269: The efficacy of Drug Coated Balloon angioplasty DCB for de novo small coronary artery disease  
Presenting Author: A D S P K Athukorala

3:47 PM  
Discussion

3:50 PM  
TCT 270: Incidence and outcomes of bailout stenting following use of Sirolimus drug coated balloon  
Presenting Author: Saraschandra Vallabhajosyula

3:57 PM  
Discussion

INTRAVASCULAR IMAGING - 2

THURSDAY, SEPTEMBER 26, 2019
3:00 PM - 4:00 PM  
Moderated Posters 8, Exhibit Hall, Exhibition Level, Moscone South

3:00 PM - 4:00 PM  
Intravascular Imaging - 2
Moderators: Jose de Ribamar Costa Jr, Kevin J. Croce  
Discussants: John McB. Hodgson

3:00 PM  
TCT 346: Pseudo Stent Strut Protrusion Into Side Branch. An Intravascular Ultrasound Observation From the EXCEL Trial  
Presenting Author: Tatsuhiro Fujimura

3:07 PM  
Discussion

3:10 PM  
TCT 347: Frequency of Incomplete Stent Apposition at Side branch Ostium After Kissing Balloon Inflation Predicted From Preoperative Appearance of Coronary Artery Bifurcation on Three dimensional Optical Coherence Tomograms  
Presenting Author: Takashi Nishimura

3:17 PM  
Discussion

3:20 PM  
TCT 348: Comparison of stent expansion between OCT guided rotational atherectomy and IVUS guided rotational atherectomy for calcified coronary lesion  
Presenting Author: Norihiro Kobayashi

3:27 PM  
Discussion

3:30 PM  
TCT 349: Delineation of Ambiguous Coronary Lesions in Patients Undergoing Coronary Angiography for Acute Coronary Syndrome: Results from an Optical Coherence Tomography Study  
Presenting Author: Klio Konstantinou

3:37 PM  
Discussion

3:40 PM  
TCT 350: Intravascular Ultrasound Optical Coherence Tomography and Fractional Flow Reserve Use in Acute Myocardial Infarction: An 11 Year National Perspective  
Presenting Author: Saraschandra Vallabhajosyula

3:47 PM  
Discussion

3:50 PM  
TCT 351: Diagnostic Performance of Post Stenting 3 Dimensional Quantitative Coronary Angiography to Predict Underexpansion as Measured by Optical Coherence Tomography  
Presenting Author: Armando Vergara-Martel

3:57 PM  
Discussion

MANAGEMENT OF ANTIPLATELET THERAPY AND ANTICOAGULATION IN PATIENTS UNDERGOING PCI - 2

Management of Antiplatelet Therapy and Anticoagulation in Patients Undergoing PCI - 2

THURSDAY, SEPTEMBER 26, 2019
3:00 PM - 4:00 PM  
Moderated Posters 4, Exhibit Hall, Exhibition Level, Moscone South

3:00 PM - 4:00 PM  
Management of Antiplatelet Therapy and Anticoagulation in Patients Undergoing PCI - 2
Moderators: Daniel Aradi, Pascal Vranckx  
Discussants: David L. Fischman, Efrain Gaxiola, Kurt Huber, Francesco Pelliccia

3:00 PM  
TCT 400: Platelet Reactivity and Risk of Stent Thrombosis After Coronary Drug Eluting Stent Implantation in Patients Treated with Oral Anticoagulation: The ADAPT DES Study  
Presenting Author: Gennaro Giustino

3:07 PM  
Discussion
TCT 401: Long Term Efficacy of Extended Dual Antiplatelet Therapy After Left Main Coronary Artery Bifurcation Stenting  
Presenting Author: Sungsoo Cho

TCT 402: Optimal Duration of Antiplatelet therapy after Drug eluting stent implantation based on PRECISE DAPT and DAPT Scores  
Presenting Author: Ji-Yong Jang

TCT 403: Dual Antithrombotic Therapy is Safe and Effective in Patients with Atrial Fibrillation undergoing Percutaneous Coronary Intervention: Updated Systematic Review and Meta Analysis  
Presenting Author: Shahrukh Bakar

TCT 404: Benefit and Risks of Aspirin on Top of Ticagrelor in Acute Coronary Syndromes: Insights From the Randomized GLOBAL LEADERS Trial  
Presenting Author: Mariusz Tomaniak

TCT 405: The Fading Role of Triple Therapy in Patients with Atrial Fibrillation and Acute Coronary Syndrome: A Bayesian Network Meta analysis  
Presenting Author: Mohammed Osman

TCT 454: Characteristics and Outcomes of Patients who Are Denied From a Percutaneous Edge to Edge Mitral Valve Repair After Being Referred to a Transcatheter Mitral Valve Program:Impact of a Dedicated Multidisciplinary Mitral Heart Team Approach  
Presenting Author: Frederic Beaupre

TCT 455: Right Ventricular Remodeling Reduces Heart Failure Readmissions in Patients Undergoing Transcatheter Mitral Valve Repair  
Presenting Author: Nidhi Kanwar

TCT 456: Preexisting Atrial fibrillation is Associated with Increased Risk of Midterm and Long Term Mortality in Transcatheter Mitral Valve Repair: Systemic review and Meta analysis  
Presenting Author: Narut Prasitlumkum

TCT 457: Severe Mitral Stenosis in Patients with Severe Mitral Annular Calcification: An Area of Unmet Need  
Presenting Author: Rayji Tsutsui

TCT 458: In Hospital Outcomes of Transcatheter Mitral Valve Repair in Rheumatic Mitral Valve Disease  
Presenting Author: Ayman Elbadawi

TCT 459: Transcatheter Mitral Valve in Valve Replacement for Failed Bioprostheses: A Systematic Review  
Presenting Author: Kais Hyasat

NON-ATHEROSCLEROTIC CAD (SCAD, MINOCA, etc.) - 1

Natural History and Management of Mitral and Tricuspid Valve Disease - 5

Non-Atherosclerotic CAD (SCAD, MINOCA, etc.) - 1

Coronary: CHIP

THURSDAY, SEPTEMBER 26, 2019  
3:00 PM - 4:00 PM  
Moderated Posters 2, Exhibit Hall, Exhibition Level, Moscone South

3:00 PM - 4:00 PM  
Non-atherosclerotic CAD (SCAD, MINOCA, etc) - 1  

3:00 PM  
TCT 466: Clopidogrel plus Aspirin Use is Associated with Poor Long Term Outcomes but Aspirin Use Alone is Safe in Patients with Vasospastic Angina: Results from VA Korea Registry A Prospective Multi Center Cohort  
Presenting Author: Sang-Ho Jo

3:07 PM  
Discussion

3:10 PM  
TCT 467: In Hospital and Long term Outcomes among Patients with Spontaneous Coronary Artery Dissection presenting with Ventricular TachycardiaFibrillation  
Presenting Author: Christopher Cheung

3:17 PM  
Discussion

3:20 PM  
TCT 468: Clinical Features Sex Differences and Outcomes of Myocardial Infarction With Non Obstructive Coronary Arteries MINOCA: A Multi Center International Registry Analysis  
Presenting Author: Richard Jung
3:27 PM Discussion
3:30 PM TCT 469: Percutaneous Coronary Intervention performance in Spontaneous Coronary Artery Dissection: insight from an Italian Multicenter Registry
Presenting Author: Giorgio Quadri

3:37 PM Discussion
3:40 PM TCT 470: Acute management of patients with Spontaneous Coronary Artery Dissection. The DISCO Dissezioni Spontanee Coronariche Italian Registry.
Presenting Author: Giorgio Quadri

3:47 PM Discussion
3:50 PM TCT 471: Prognosis and Predictors of Mortality in Patients Suffering Myocardial Infarction with Non Obstructive Coronary Arteries
Presenting Author: You-Hong Lee

3:57 PM Discussion

PERIPHERAL VASCULAR INTERVENTION - 1

3:00 PM - 3:50 PM
Peripheral Vascular Intervention - 1
Moderators: Leif ThuesenDiscussants: Carlos I. Mena-Hurtado, Nicolas W. Shammas, Mitchell Weinberg

3:00 PM TCT 551: Sex Differences and Impact on Peripheral Artery Disease Intervention Outcomes From a Nationwide Data: More Significant Than We Think
Presenting Author: Abdalla Hassan

3:07 PM Discussion
3:10 PM TCT 552: Drug Coated Balloon versus Plain Old Balloon Angioplasty in Femoropopliteal Disease: A Meta analysis of Randomized Controlled Trials
Presenting Author: Mahesh Anantha Narayanan

3:17 PM Discussion
3:20 PM TCT 554: Laser Atherectomy and Drug Coated Balloons for the Treatment of Femoropopliteal In Stent Restenosis: 2 Year Outcomes.
Presenting Author: Damianos G. Kokkinidis

3:27 PM Discussion
3:30 PM TCT 555: The Association of Health Related Quality of Life Scores with Cardiovascular and Limb Outcomes in Patients with Symptomatic Peripheral Artery Disease: Insights from the EUCLID Trial
Presenting Author: Jennifer Rymer

3:37 PM Discussion

3:40 PM TCT 556: Analysis of clinical outcomes between endovascular repair and surgical repair for abdominal aortic aneurysm
Presenting Author: Mohammad Mehdi Ansari

3:47 PM Discussion

VENTRICULAR ASSIST AND MANAGEMENT OF CARDIOGENIC SHOCK - 1

3:00 PM - 4:00 PM
Ventricular Assist and Management of Cardiogenic Shock - 1
Moderators: Kalpa De Silva, James FlahertyDiscussants: Rajiv Jauhar

3:00 PM TCT 811: BALANCED BIVENTRICULAR ASSIST VERSUS EXTRACORPOREAL MEMBRANE OXYGENATION IN CARDIAC ARREST
Presenting Author: Erik Packer

3:07 PM Discussion
3:10 PM TCT 812: Modified SCAI Classification for Cardiogenic Shock is Associated with Increasing In Hospital Mortality: A Report from the Cardiogenic Shock Working Group Registry
Presenting Author: Navin K. Kapur

3:17 PM Discussion
3:20 PM TCT 813: Culprit vessel Versus Multi vessel Percutaneous Coronary Intervention in Cardiogenic Shock. Insights from The National Cardiogenic Shock Initiative
Presenting Author: Alejandro Lemor

3:27 PM Discussion
3:30 PM TCT 814: Inflammation as a predictor of outcomes in patients with cardiogenic shock supported by a percutaneous mechanical support device
Presenting Author: Nikolaos Diakos

3:37 PM Discussion
3:40 PM TCT 815: Does addition of percutaneous left ventricular decompression therapy with Impella affect clinical outcomes in Cardiogenic Shock patients on Venoarterial extracorporeal membrane oxygenation: A Nationwide Analysis
Presenting Author: Syed Zaid

3:47 PM Discussion
3:50 PM TCT 816: The Optimal Timing of Mechanical Circulatory Support in Acute Myocardial Infarction Patients with Refractory Cardiogenic Shock
Presenting Author: Ki Hong Choi

3:57 PM Discussion
Drug-Eluting Balloons and Local Drug Delivery - 3

Moderated Posters 6, Exhibit Hall, Exhibition Level, Moscone South

4:00 PM - 4:50 PM

**Non-atherosclerotic CAD (SCAD, MINOCA, etc.) - 2**

Moderators: Christos Bourantas, J. Oh
Discussion: Yu Bo, Jaya Chandrasekhar, Michael H. Crawford, Anthony DeMaria

4:00 PM

**TCT 472: Distribution of Coronary Flow Capacity is Different Among the Groups by Abnormal CFRHMR in Non Obstructive Coronary Artery Disease Patients.**

Presenting Author: Jin-Sin Koh

4:07 PM

Discussion

4:10 PM

**TCT 473: Microvascular Resistance and Absolut Coronary Blood Flow Quantification in Takosubo Cardiomyopathy**

Presenting Author: LIVIA LUCIANA GHEORGHE

4:17 PM

Discussion

4:20 PM

**TCT 474: Impact of clinical and hemodynamic factors on coronary flow reserve and invasive coronary flow capacity in non obstructed coronary arteries A patient level pooled analysis of the DEBATE and ILIAS studies**

Presenting Author: Valérie E. Stegehuis

4:27 PM

Discussion

4:30 PM

**TCT 475: Diagnostic and Prognostic Role of Nitroglycerin Induced Dilation In Patients With Suspected Vasospastic Angina Comparison With Ergonovine Provocation Test**

Presenting Author: Seung Hwan Han

4:37 PM

Discussion

4:40 PM

**TCT 476: Coronary Slow Flow Phenomenon: Evidence for Disseminated Microvascular Spasm**

Presenting Author: Hetal Mehta

4:47 PM

Discussion

PCI vs. Medical Therapy and Insights Into Trial Design

The Moscone Center

4:00 PM - 4:50 PM

**PCI vs. Medical Therapy and Insights Into Trial Design**

Moderators: William E. Boden, Frederick Feit
Discussion: Stefan Anker, Gennaro Giustino, Mark Goldberger, Robert L. Wilensky

4:00 PM

**TCT 546: Temporal Trends in Characteristics and Outcomes of Patients With Stable Ischemic Heart Disease Treated With and Without Percutaneous Coronary Intervention**

Presenting Author: Taku Inohara

4:07 PM

Discussion

4:10 PM

**TCT 547: Sham Controlled Trials of Invasive Cardiovascular Interventions: A Systematic Review and Meta Analysis**

Presenting Author: Taku Inohara
### Transcatheter Valve Therapy

**Thursday, September 26, 2019**

**Last Updated 08/19/2019**

**Page:** 75

Presenting Author: Lucas Lauder

4:17 PM Discussion

4:20 PM TCT 548: Clinical and Angiographic Lesion Characteristics Associated With Lack of Angina Relief After PCI: Insights From the RIVER PCI Trial

Presenting Author: Akiko Fujino

4:27 PM Discussion

4:30 PM TCT 549: The Me amp My Heart eMocial study A randomized evaluation of a new smartphone based support tool to increase therapy adherence of ACS patients

Presenting Author: Markus Florian Krackhardt

4:37 PM Discussion

4:40 PM TCT 550: Novel application of a bias reduction methodology for the sample size estimation design of in randomized controlled trials

Presenting Author: Cheng Zhang

4:47 PM Discussion

### Pulmonary Artery and Pulmonary Venous Intervention

**Pulmonary Artery and Pulmonary Venous Intervention**

**Vascular**

**Thursday, September 26, 2019**

4:00 PM - 4:50 PM

Moderated Posters 3, Exhibit Hall, Exhibition Level, Moscone South

4:00 PM - 4:50 PM **Pulmonary Artery and Pulmonary Venous Intervention**

Moderators: Harsimran Sachdeva Singh

Discussants: Saif Anwaruddin, Paolo Denti, Frank F. Ing, Daniel S. Levi, Sanjum S. Sethi

4:00 PM TCT 599: Exercise right heart catheterization before and after balloon pulmonary angioplasty in inoperable patients with chronic thromboembolic pulmonary hypertension

Presenting Author: Christoph Liebetrau

4:07 PM Discussion

4:10 PM TCT 600: Trends on therapeutic approach for acute pulmonary embolism and change in outcomes: analysis of nationwide inpatient sample

Presenting Author: Rabih Tabet

4:17 PM Discussion

4:20 PM TCT 601: Concomitant Renal Sympathetic Denervation with Pulmonary Vein Isolation vs Pulmonary Vein Isolation Alone Among Patients with Drug resistant Atrial Fibrillation and Hypertension: a Meta analysis

Presenting Author: Mark Terence Mujer

4:27 PM Discussion

4:30 PM TCT 602: Comparison of Radiofrequency Ablation vs Cryodenervation in Patients with Pre capillary Pulmonary Hypertension

Presenting Author: Daria Feshenko

4:37 PM Discussion

### TAVR: Patient-Prosthesis Mismatch

**TAVR: Patient-Prosthesis Mismatch**

**Structural: Valve**

**Thursday, September 26, 2019**

4:00 PM - 4:40 PM

The Moscone Center

4:00 PM TCT 751: Prevalence and severity of prosthesis patient mismatch after transcatheter aortic valve replacement defined by computed tomography vs. transthoracic echocardiography

Presenting Author: Miho Fukui

4:07 PM Discussion

4:10 PM TCT 752: Incidence and Outcomes of Patient Prosthesis Mismatch Following Self Expanding Transcatheter Aortic Valve Replacement: An Analysis from the STSACC TVT Registry

Presenting Author: Gilbert H.L. Tang

4:17 PM Discussion

4:20 PM TCT 753: Prosthesis patient Mismatch Following Transcatheter Aortic Valve Replacement With Supra annular and Intra annular Prosthesis

Presenting Author: Taishi Okuno

4:27 PM Discussion

4:30 PM TCT 754: Transcatheter aortic valve replacement in very large annuli with the 34mm self expanding CoreValve Evolut R: prospective multicentre registry

Presenting Author: Victor Alfonso Jimenez Dias

4:37 PM Discussion

### TAVR: Valve-In-Valve - 1

**TAVR: Valve-in-Valve - 1**

**Structural: Valve**

**Thursday, September 26, 2019**

4:00 PM - 4:50 PM

The Moscone Center

4:00 PM TCT 603: Long term Outcomes of Percutaneous Intervention for Pulmonary Vein Stenosis Secondary to Atrial Fibrillation Ablation

Presenting Author: Madeline Mahowald

4:07 PM Discussion

4:10 PM TCT 604: Trends on therapeutic approach for acute pulmonary embolism and change in outcomes: analysis of nationwide inpatient sample

Presenting Author: Rabih Tabet

4:17 PM Discussion

4:20 PM TCT 605: Concomitant Renal Sympathetic Denervation with Pulmonary Vein Isolation vs Pulmonary Vein Isolation Alone Among Patients with Drug resistant Atrial Fibrillation and Hypertension: a Meta analysis

Presenting Author: Mark Terence Mujer

4:27 PM Discussion

4:30 PM TCT 606: Comparison of Radiofrequency Ablation vs Cryodenervation in Patients with Pre capillary Pulmonary Hypertension

Presenting Author: Daria Feshenko

4:37 PM Discussion
VENTRICULAR ASSIST AND MANAGEMENT OF CARDIOGENIC SHOCK - 2

VULNERABLE PLAQUES AND HIGH RISK PATIENTS - 1
Presenting Author: Benjamin Peterson

4:27 PM Discussion
4:30 PM TCT 830: Efficacy of PCSK9 Inhibitors on Coronary Lipid Rich Plaque Assessed by Serial Near Infrared Spectroscopy
Presenting Author: Hiroyuki Omori

4:37 PM Discussion
4:40 PM TCT 831: Identification of High Risk Plaques by Coronary Angiography: Confirmation of Computational Fluid Dynamics by Optical Coherence Tomography
Presenting Author: Keisuke Yasumura

4:47 PM Discussion
4:50 PM TCT 832: Detection Ability of Optical Coherence Tomography for Cholesterol Crystal: Histopathological Validation Study
Presenting Author: Yosuke Katayama

9:30 AM Perspective: The Case Against Ongoing Use of Drug Eluting Technologies for PAD
Lecturer: Konstantinos Katsanos

9:37 AM Perspective: The Case for Ongoing Use of Drug Eluting Technologies for PAD
Lecturer: William A. Gray

10:00 AM - 10:15 AM Innovation Award and Presentation
Award Presenter: Juan F. Granada

10:00 AM Innovation Winner
10:10 AM Award Presentation
Moderator: Juan F. Granada

10:15 AM - 10:30 AM TCT 2019 Geoffrey O. Hartzler Master Operator Award
Moderators: Martin B. Leon, Gregg W. Stone
Award Recipients: Shigeru Saito

10:15 AM Geoffrey O. Hartzler Master Operator Award Presentation
Lecturer: Martin B. Leon

10:30 AM - 11:30 AM Late-Breaking Trials 2, Co-Sponsored by Journal of the American Medical Association
Moderators: Martin B. Leon
Discussants: Jeroen J. Bax, Philipp Blanke, Jonathon A. Leipsic, Michael J. Mack, Thomas Modine, Philippe Pibarot, Craig R. Smith, Dee Dee Wang, Olaf Wendler

10:30 AM SCOPE I: A Randomized Trial of the ACURATE Neo vs. the SAPIEN 3 Bioprosthesis in Patients With Severe Aortic Stenosis
Lecturer: Jonas Lanz

10:42 AM Roundtable Discussion With Audience QA

10:50 AM PORTICO: A Randomized Trial of Portico vs. Commercially Available Transcatheter Aortic Valves in Patients With Severe Aortic Stenosis
Lecturer: Gregory P. Fontana

11:02 AM Roundtable Discussion With Audience QA

11:10 AM PARTNER 3 Low Risk Computed Tomography Substudy: Subclinical Leaflet Thrombosis in Transcatheter and Surgical Bioprosthetic Valves
Lecturer: Raj Makkar

11:22 AM Roundtable Discussion With Audience QA

9:00 AM - 1:15 PM Main Arena

8:00 AM - 9:30 AM Live Cases #3
Live Case Moderators: Gregg W. Stone
Live Case Co-Moderators: Junbo Ge

8:00 AM Fu Wai Hospital Beijing China Cor
Live Case Operator: Kefei Dou, Jie Qian, Guangyuan Song, Jiande Wang, Yongjian Wu, Dong Yin

8:45 AM NYPH Columbia University Medical Center New York NY SHD
Live Case Operator: Vinayak N. Bapat, Isaac George, Rebecca T. Hahn, Nadira Hamid, Dimitri Karmpaliasis, Omar K. Khalique, Susheel K. Kodali, Torsten P. Vahl

9:30 AM - 10:00 AM Main Arena Special Session on Drug-Eluting Technologies for PV Interaction
Moderators: Michael R. Jaff, Sahil A. Parikh

9:30 AM Session I. Peripheral Drug Eluting Technologies at a Crossroad

11:30 AM - 12:15 PM Live Cases #4
Live Case Moderators: Sahil A. Parikh
Live Case Co-Moderators: Ehrin J. Armstrong
Live Case Discussants: Herbert D. Aronow, Dmitri N. Feldman, Lawrence A. Garcia, Prakash Krishnan, Tak W. Kwan, Carlos I. Mena-Hurtado, Jihad A. Mustapha, Virendra I. Patel, Peter A. Schneider, Christopher J. White, Thomas Zeller

11:30 AM OhioHealth Riverside Methodist Hospital Columbus OH Endo
Live Case Operator: Gary M. Ansel, Charles F. Botti, Jr., Christopher Huff, Michael Jolly, John Phillips, Mitchell J. Silver
12:15 PM - Mitral Valve in Valve: 1 Year Outcomes of Transcatheter Mitral Valve Replacement for Degenerated Mitral Bioprostheses

Lecturer: Mayra Guerrero

12:25 PM - Roundtable Discussion With Audience QA

12:30 PM - STSACC TVT Registry: MitraClip Operator Volume Outcome Relationship in the United States

Lecturer: Adnan K. Chhatriwalla

12:40 PM - Roundtable Discussion With Audience QA

12:45 PM - STS Registry: Mitral Valve Surgery Institutional Volume Outcome Relationship in the United States

Lecturer: Vinay Badhwar

12:55 PM - Roundtable Discussion With Audience QA

1:00 PM - A Propensity Score Matched Analysis of Transcatheter Tricuspid Valve Treatment vs. Medical Treatment in Patients With Severe Tricuspid Regurgitation

Lecturer: Maurizio Taramasso

1:10 PM - Roundtable Discussion With Audience QA

LIVE CASE TRANSMISSION THEATER III, FRIDAY, SEPT. 27

Live Case Transmission Theater III, Friday, Sept. 27

FRIDAY, SEPTEMBER 27, 2019
8:00 am - 12:00 pm
Live Case Theater

8:00 am - 9:30 am
Session I. Live Cases: Endovascular
Live Case Moderators: Tony Das
Live Case Co-Moderators: Peter A. Schneider

8:00 am - 8:15 am
Ballad Health System CVA Heart Institute Kingsport TN
Live Case Operator: Mark Aziz, D. Christopher Metzger

8:45 am - 9:00 am
OhioHealthRiverside Methodist Hospital Columbus OH
Live Case Operator: Gary M. Ansel, Charles F. Botti, Jr., Christopher Huff, Michael Jolly, John Phillips, Mitchell J. Silver

9:30 am - 11:15 am
Session II. Live Cases: SHD
Live Case Moderators: Nicolas M. Van Mieghem
Live Case Co-Moderators: Horst Sievert

9:30 am - 10:00 am
Fu Wai Hospital Beijing China
Live Case Operator: Kefei Dou, Jie Qian, Guangyuan Song, Jiande Wang, Yongjian Wu, dong yin

10:30 am - 11:00 am
NYPHColumbia University Medical Center
Live Case Operator: Vinayak N. Bapat, Isaac George, Rebecca T. Hahn, Nadira Hamid, Omar K. Khalique, Susheel K. Kodali, Torsten P. Vahl

11:15 am - 12:00 pm
Session III. Live Cases: Endovascular
Live Case Moderators: Craig M. Walker
Live Case Co-Moderators: Stephen R. Ramee
Live Case Discussants: Marianne Brodmann, Daniel G. Clair, Eric J. Dippel, Bryan T. Fisher, Philip Green, Steve Henao, Richard R. Heuser, Amit Kakkar, Robert D. Safian, Sanjum S. Sethi, Ramon L. Varcoe

11:15 am - 12:00 pm
Ballad Health System CVA Heart Institute Kingsport TN
Live Case Operator: Mark Aziz, D. Christopher Metzger

LIVE CASE TRANSMISSION THEATER IV, FRIDAY, SEPT. 27

Live Case Transmission Theater IV, Friday, Sept. 27

FRIDAY, SEPTEMBER 27, 2019
2:00 pm - 6:00 pm
Live Case Theater

2:00 pm - 4:15 pm
Session I. Live Cases: SHD
Live Case Moderators: Mark Reisman
Live Case Co-Moderators: Nir Uriel
Live Case Discussants: Jeroen J. Bax, Anthony DeMaria, Paolo Denti, Olaf Franzen, Hemal Gada, Kentaro Hayashida, Ulrich P. Jorde, Petr Neuzil, Brian K. Whisenant, Matthew Williams

2:00 pm - 2:15 pm
NYPHColumbia University Medical Center New York NY
Live Case Operator: Vinayak N. Bapat, Isaac George, Rebecca T. Hahn, Nadira Hamid, Omar K. Khalique, Susheel K. Kodali, Torsten P. Vahl

2:45 pm - 3:45 pm
McGill University Health Center Montreal Canada
Live Case Operator: Nicolò Piazza

3:30 pm - 4:15 pm
Cleveland Clinic Cleveland OH
Live Case Operator: Serge C. Harb, Samir R. Kapadia, Rhonda Miyasaka

4:15 pm - 6:00 pm
Session II. Live Cases: LM/Bifurcation and Coronary
Live Case Moderators: Giora Weisz
Live Case Co-Moderators: Jean FAJADE
Live Case Discussants: Alaide Chieffo, Lampson Fan, Franz X. Kleber, Massoud A. Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutko, Marie Leesar, Jacek Legutk...
METALLIC DES PART 2: HIGH-RISK PATIENTS AND REVASCULARIZATION FAILURES

Metallic DES Part 2: High-risk Patients and Revascularization Failures

FRIDAY, SEPTEMBER 27, 2019
8:00 am - 10:00 am
Room 152/154

8:00 am - 8:38 am
Session I: DES in Specific Lesion and Patient Subsets
Moderators: Emmanouil S. Brilakis, Jean FAJADET
Discussants: Colin Berry, Seung-Jung Park, Duane S. Pinto, Gert Richardt, Corrado Tamburino, Robert W. Yeh

8:00 am
Revascularization in Stable CAD: What Do the New ESC Guidelines 2019 Recommend
Lecturer: William C. Wijns

8:07 am
Preview From the Upcoming Ischemia Trial
Lecturer: David J. Maron

8:14 am
PCI Versus CABG in Multivessel Disease With and Without Diabetes: Latest Clinical Trial Data
Lecturer: Patrick W. Serruys

8:22 am
Elective High Risk PCI and Hemodynamic Support: Evidence Based and Experience Based Recommendations
Lecturer: Divaka Perera

8:30 am
Roundtable Discussion With Audience QA

8:38 am - 10:00 am
Session II: Diagnosis and Management of Coronary Revascularization Failures
Moderators: Robert A. Byrne, Stephan Windecker
Discussants: Adrian P. Banning, Creighton W. Don, Javier Escaned, Farouc A. Jaffer, Duk-Woo Park, Giulio Stefanini

8:38 am
Root Causes of Thrombosis and Restenosis With Contemporary Metallic DES: Pathologic Insights
Lecturer: Michael Joner

8:45 am
Root Causes of Thrombosis and Restenosis With Contemporary Metallic DES: Intravascular Imaging Insights
Lecturer: Giulio Guagliumi

8:52 am
Very Late Stent Failure: Frequency and Predictive Factors
Lecturer: Mahesh V. Madhavan

8:59 am
How to Treat Stent Thrombosis: A Case Based Vignettes of Different Approaches
Case Presenter: Anthony H. Gershlick

9:07 am
Flash Debate: Drug Coated Balloons are the Best Treatment for ISR and Avoids Further Stent Layers
Lecturer: Paul JL Ong

9:12 am
Flash Debate: Repeat DES Is Most Effective Treatment for ISR and Should Be the Preferred Option
Lecturer: Jose P.S. Henriques

9:17 am
Alternative Approaches for In Stent Restenosis: Laser Brachytherapy Lithotripsy.
Lecturer: George D. Dangas

9:25 am
To Prevent Stent Failure: Optimal Device Deployment Technique Is the Key
Lecturer: Joanna J. Wykrzykowska

9:33 am
Roundtable Discussion with Audience QA

9:41 am
Acute Post Op Graft Failure: Incidence and Management
Lecturer: Mohamad Adnan Alkhoul

9:48 am
Late Coronary Bypass Graft Failure: Rational Approaches
Lecturer: Emmanouil S. Brilakis

9:55 am
Roundtable Discussion with Audience QA

PFO CLOSURE: EVIDENCE, INDICATIONS, AND DEVICES

PFO Closure: Evidence, Indications, and Devices
Structural: Non-Valve

FRIDAY, SEPTEMBER 27, 2019
8:00 am - 10:00 am
Room 156/158

8:00 am - 9:00 am
Session I: The Debates and “Rules of the Road” for PFO Closure in Secondary Stroke Prevention
Moderators: David E. Thaler

8:00 am
PFO Closure for Stroke: The Debate Is Over
Lecturer: Stephen J.D. Brecker

8:08 am
PFO Closure for Primary Prevention: The Debate Has Started  A Case Example and a Clinical Trial Proposal
Case Presenter: Fabian Nietlispach

8:16 am
The Heart Brain Team: PFO Closure Should Require the Approval of a Neurologist
Lecturer: Andrew Michael Goldswieg

8:24 am
What Do the Neurologists Say: The 2019 American Academy of Neurology Practice Advisory PFO and Secondary Stroke Prevention
Lecturer: Peter B. Sick

8:34 am
Who Should Perform PFO Closure and Where The SCAI Expert Consensus Statement
Lecturer: Clifford J. Kavinsky

8:44 am
What is a High Risk PFO and Should it Affect the Decision to Close
Lecturer: Jonathan M. Tobis

8:52 am
Roundtable Discussion With Audience QA

9:00 am - 10:00 am
Session II: Clinical Issues in PFO Closure
Moderators: Thomas K. Jones, Jeffrey L. Saver
Discussants: Elliott Michael Groves, Kishore J. Harjai, Frank F. Ing, John F. Rhodes, Kolja Sievert, Zachary Steinberg
9:00 To Close or Not to Close the PFO: Incorporation of Patient Preferences and Shared Decision Making
Lecturer: Suzanne J. Baron

9:08 Is PFO Closure Only Beneficial in Large Shunts
Lecturer: Srihari S. Naidu

9:16 The Minimalist Approach to PFO Closure: The Toronto Experience With Fluoroscopic Guidance Alone
Lecturer: Eric Horlick

Lecturer: Xiangbin Pan

9:32 Complications of PFO Closure: Just the Facts Maam
Lecturer: Jacqueline Saw

9:40 The Antiplatelet Drug Test to Determine Responsivity and the Next Generation PFO Closure Migraine Trial

9:48 Roundtable Discussion With Audience QA

INTRAVASCULAR IMAGING STENT GUIDANCE: PART 2 — THE DETAILS

Intravascular Imaging Stent Guidance: Part 2 — The Details

FRIDAY, SEPTEMBER 27, 2019
10:00 AM - 12:00 PM
Room 152/154

10:00 am Intravascular Imaging Guided IVUS/OCT Treatment of Calcified Lesions: Step by Step
Lecturer: Jonathan M. Hill

10:10 am Intravascular Imaging Guided IVUS/OCT Treatment of Left Main Lesions Including LM Bifurcations: Step by Step
Lecturer: Daniel Chamie

10:20 am Intravascular Imaging Guided Treatment of CTOs: Application in AWE ADR and Retrograde Approaches
Lecturer: Lei Ge

10:30 am Treating Patients With Renal Insufficiency: Zero Contrast PCI
Lecturer: Ziad A. Ali

10:40 am Assessment and Treatment of ISR and Stent Thrombosis Lesions Using Intravascular Imaging Including Neoatherosclerosis
Lecturer: Christos Bourantas

10:50 am Very Late IVUS/OCT Follow Up After Stent Implantation: From Malapposition to Stent Healing

Lecturer: Yoshinobu Onuma

11:00 am Approach to Patients With Acute Coronary Syndromes Including SCAD and Thrombotic Lesions Using Intravascular Imaging: Does Everyone Need a Stent
Lecturer: Tej Sheth

11:10 am Roundtable Discussion With Audience QA

11:27 am True Lumen Seeking After Angiography Induced RCA Occlusion in a Patient With Spontaneous Coronary Intramural Hematoma
Case Presenter: Feng Zhang

11:34 am Roundtable Discussion With Audience QA

11:38 am PCI or Not in a Young Woman With Acute Myocardial Infarction
Case Presenter: Zhijing Zhao

11:45 am Roundtable Discussion With Audience QA

11:49 am Multiple Coronary Lumens: Differential Diagnosis
Case Presenter: Xuebo Liu

11:56 am Roundtable Discussion With Audience QA

TAVR TECHNOLOGY AND ASSOCIATED DEVICES

TAVR Technology and Associated Devices

FRIDAY, SEPTEMBER 27, 2019
10:00 AM - 12:28 PM
Room 155/157

10:00 am The TAVR NEXT Comers: Snapshots

10:08 am Program Update: The LOTUS EDGE TAVR System
Lecturer: Christopher U. Meduri

10:16 am Program Update: The PORTICO TAVR System
Lecturer: Gregory P. Fontana
10:24 AM Roundtable Discussion with Audience QA
   Lecturer: Gregory P. Fontana

10:30 AM The TAVR NEW Comers: Snapshots

10:30 AM The Self Expanding Single Operator CENTERA TAVR System
   Lecturer: Markus Albert Kasel

10:36 AM The Anatomically Correct Transfemoral JenaValve TAVR System
   Lecturer: Hendrik Treede

10:42 AM The Venus A and A Plus TAVR System
   Lecturer: Horst Sievert

10:48 AM The Repositionable and Retrievable HLT Meridian TAVR System
   Lecturer: Mathew Williams

10:54 AM Roundtable Discussion with Audience QA
   Lecturer: Mathew Williams

11:00 AM - 12:28 PM Session II: Technology Forum, Part 2 — Access and Closure Alternatives, Innovation Gone Wild
   Moderators: Adam B. Greenbaum, Azeem Latib
   Discussants: Yaron Almagor, Saif Anwaruddin, Kendra J. Grubb, Jean-Claude Laborde, Helge Möllmann, Tamim M. Nazif

11:00 AM When Transfemoral IS NOT an Option for TAVR I Prefer...
   11:00 AM Transcaval TAVR: A Brief Tutorial
       Lecturer: Toby Rogers

11:08 AM Percutaneous Transaxillary TAVR: A Brief Tutorial
       Lecturer: Amir Kaki

11:16 AM Open Transcarotid TAVR: A Brief Tutorial
       Lecturer: Keith B. Allen

11:24 AM Roundtable Discussion with Audience QA
       Lecturer: Keith B. Allen

11:28 AM Novel Large Hole Access Closure Devices
   11:28 AM Large Hole Transfemoral Closure I: The PerQseal Device
       Lecturer: Jeffrey J. Popma

11:33 AM Large Hole Transfemoral Closure II: The InSeal Device
       Lecturer: Ran Kornowski

11:38 AM Large Hole Transfemoral Closure III: The MANTA Device
       Lecturer: David A. Wood

11:46 AM Roundtable Discussion with Audience QA
       Lecturer: David A. Wood

11:50 AM Innovation Gone Wild
   11:50 AM Next Generation TRIGUARD Cerebral Embolic Protection During TAVR: Technology Review and Status of Ongoing Clinical Trials
       Lecturer: Tamim M. Nazif

11:58 AM Roundtable Discussion with Audience QA
   Lecturer: Tamim M. Nazif

12:00 PM A Novel Pre Shaped LV Pacing Guidewire for TAVR
   Lecturer: John G. Webb

12:08 PM The Pi Cardio Leaflex Aortic Valve Remodeling System
   Lecturer: Philippe Genereux

12:16 PM Roundtable Discussion with Audience QA
   Lecturer: Philippe Genereux

12:18 PM The Bay Labs AIDL Point of Care Echo Acquisition and Interpretation System
   Lecturer: Randolph P. Martin

12:26 PM Roundtable Discussion with Audience QA
   Lecturer: Randolph P. Martin

LEFT ATRIAL APPENDAGE CLOSURE, PART 2: UNANSWERED QUESTIONS, FUTURE DIRECTIONS

2:00 PM Device Related Thrombus: Mechanisms Management and Implications for Device Design
   Lecturer: Josep Rodés-Cabau

2:08 PM Critical Appraisal of Post LAA Closure Pharmacology and DRT
   Lecturer: Martin W. Bergmann

2:16 PM Optimal Timing for Surveillance Imaging After LAAC
   Lecturer: Vivek Y. Reddy

2:24 PM Residual Leak and Ischemic Stroke After LAA Closure: Whether to Close and if So How
   Lecturer: George S. Hanzel, Jacqueline Saw

2:32 PM Roundtable Discussion With Audience QA

2:45 PM Keynote Lecture: The Spectrum of LAA Closure Technology Current and Emerging Devices
   Lecturer: Horst Sievert
3:00 PM Case Based Device Selection: Matching the Device With the Anatomy
Lecturer: Reda Ibrahim

3:10 PM Roundtable Discussion With Audience QA

3:20 PM Utility of CT for Pre Procedural Planning and Device Selection
Lecturer: Michael Rinaldi

3:27 PM ICE Guidance as the Primary Strategy for LAA Closure: Technique and Data
Lecturer: Mohamad Adnan Alkhouli

3:34 PM Roundtable Discussion With Audience QA

PCI PHARMACOTHERAPY: PART 2

FRIDAY, SEPTEMBER 27, 2019
2:00 PM - 4:00 PM
Room 152/154

2:00 PM Antithrombotic Therapy in Patients With Atrial Fibrillation Undergoing PCI
Moderators: Dominick J. Angiolillo, Renato D. Lopes
Discussants: Dmitriy N. Feldman, Christopher B. Granger, Roxana Mehran, Matthew J. Price, Marco Valgimigli, Robert C. Welsh

2:00 PM Debate: Dual Therapy OACSAPT Should Be the Default Therapy at Discharge in Most Patients
Lecturer: Renato D. Lopes

2:08 PM Con: Beware of Ischemic Complications Not Ready to Drop DAPT Yet
Lecturer: Robert A. Byrne

2:16 PM PCI in Patients Requiring OAC: Which OAC and in Whom
Lecturer: Christopher B. Granger

2:24 PM AFib Patients at High Ischemic Risk Post PCI: Role of Triple Therapy or Potent P2Y12 Inhibition
Lecturer: Renato D. Lopes

2:32 PM When and How to Switch to OAC Alone After PCI
Lecturer: Teresa L. Carman

2:40 PM Reversal Strategies for Warfarin and NOACs: The Essentials
Lecturer: Teresa L. Carman

2:48 PM Roundtable Discussion With Audience QA

3:04 PM - 4:00 PM Noncardiac Surgery Post-PCI: A Practical Approach
Moderators: Roberta Rossini, Freek Verheugt
Discussants: Faisal Bakaeen, Otavio Berwanger, Mark B. Effron, Mary Hawn, Rafael Honikman, Matthew Levin

3:04 PM Case Introduction: A Patient Requiring Urgent Noncardiac Surgery After Recent Stent Implantation

3:07 PM Perioperative Antiplatelet Management: What Do the Guidelines Say
Lecturer: Subhash Banerjee

3:15 PM Atherothrombotic Events After Noncardiac Surgery: Whats Driving the Risk and When Do They Occur
Lecturer: Roberta Rossini

3:23 PM Noncardiac Surgery in ACS and After PCI: Role of Bridging and Timing to Restart Antiplatelet Therapy
Lecturer: Dominick J. Angiolillo

3:31 PM Is Troponin Elevation After Noncardiac Surgery an Indication to Antithrombotic Treatment
Lecturer: Francesco Franchi

3:39 PM Case Resolution: How I Treated a Patient Requiring Urgent Noncardiac Surgery After Recent Stent Implantation
Case Presenter: Giulio Stefanini

3:44 PM Roundtable Discussion With Audience QA

TAVR SPECIAL SITUATIONS (VIV, BICUSPID, AR, LOW-FLOW, OTHER)

FRIDAY, SEPTEMBER 27, 2019
2:00 PM - 4:00 PM
Room 155/157

2:00 PM TAVR and Concomitant Atrial Fibrillation: Case Presentation
Case Presenter: Fabian Nietlispach

2:07 PM Roundtable Discussion With Audience QA

2:10 PM Extreme Aortic Valve Complex Calcification Creating High Risk for TAVR Complications Rupture or PVR: Case Presentation and Procedural Decision Making
Case Presenter: Thomas Wolther

2:17 PM Roundtable Discussion With Audience QA

2:20 PM TAVR for Bioprosthetic Aortic Valve Failure 1: To Crack or Not to Crack Case Presentation and Update on the Role of Fracturing Bioprosthetic Valves During VIV Procedures
Lecturer: Adnan K. Chhatriwalla

2:27 PM Roundtable Discussion With Audience QA

2:30 PM TAVR for Bioprosthetic Aortic Valve Failure 2: To Split or Not to Split Case Presentation and Update on the Role of BASILICA to Reduce the Risk of Coronary Obstruction During VIV Procedures
2:37 PM Roundtable Discussion With Audience QA

2:40 PM - 4:00 PM
Session II: The Best of the Rest — TAVR Controversies and Debates
Moderators: Martin B. Leon, Craig R. Smith

2:40 PM PointCounterpoint: Provocative Views 1 Minimalist TAVR Gone Viral
Minimalist TAVR for Everyone: Safe Efficient and Cost Effective
Lecturer: David A. Wood

2:45 PM Minimalism Yes. Rapid Ambulation and Discharge Yes But GA and TEE to Optimize Outcomes in Selected Cases
Lecturer: Philippe Genereux

2:50 PM Roundtable Discussion With Audience QA
Lecturer: Philippe Genereux

2:40 PM - 3:02 PM
Session II: The Best of the Rest — TAVR Controversies and Debates
Moderators: Martin B. Leon, Craig R. Smith

2:44 PM Flash Debate: DAPT Duration for LM PCI
2:44 PM
LM PCI: The Default Is Prolonged DAPT 1 year
Lecturer: Robert W. Yeh

2:50 PM LM PCI: One Year of DAPT Is Enough and Sometimes Even Less Is More
Lecturer: Davide Capodanno

3:02 PM - 4:00 PM
Session II: The Best of the Rest — TAVR Controversies and Debates
Moderators: Martin B. Leon, Craig R. Smith

3:02 PM - 3:08 PM
Excel: Extended Follow Up and Most Important Substudies
Lecturer: Patrick W. Serruys

3:08 PM Noble: Extended Follow Up and Substudies
Lecturer: Evald H. Christiansen

3:14 PM Roundtable Discussion With Audience QA

3:20 PM Choosing the Right TAVR System for Your Patients: A Multi Device Anatomy Specific Approach
Lecturer: Howard C. Herrmann

3:30 PM Roundtable Discussion With Audience QA

3:30 PM - 3:35 PM
Excel: Extended Follow Up and Most Important Substudies
Lecturer: Patrick W. Serruys

3:35 PM Noble: Extended Follow Up and Substudies
Lecturer: Evald H. Christiansen

3:44 PM Roundtable Discussion With Audience QA

2:00 PM - 3:02 PM
Session I: LM Bifurcation PCI — When?
Moderators: Marie-Claude Morice, David G. Rizik

2:00 PM Excel: Extended Follow Up and Most Important Substudies
Lecturer: Patrick W. Serruys

2:08 PM Noble: Extended Follow Up and Substudies
Lecturer: Evald H. Christiansen

2:14 PM Roundtable Discussion With Audience QA

2:20 PM Heart Team Case Discussions for 2 Patients With Left Main Bifurcation Disease
Case Presenter: Matthew Cavender

2:44 PM Flash Debate: DAPT Duration for LM PCI
2:44 PM
LM PCI: The Default Is Prolonged DAPT 1 year
Lecturer: Robert W. Yeh

2:50 PM LM PCI: One Year of DAPT Is Enough and Sometimes Even Less Is More
Lecturer: Davide Capodanno

3:02 PM - 3:08 PM
Session II: LM Bifurcation PCI — How?
Moderators: Jean FAJADET, John A. Ormiston
Discussants: Francesco Burzotta, Pawel E. Buszman, Carlo Di Mario, Seung-Jung Park, Nadia R. Sutton, David Taggart

3:02 PM - 3:08 PM
Excel: Extended Follow Up and Most Important Substudies
Lecturer: Patrick W. Serruys

3:08 PM Noble: Extended Follow Up and Substudies
Lecturer: Evald H. Christiansen

3:14 PM Roundtable Discussion With Audience QA

3:20 PM Choosing the Right TAVR System for Your Patients: A Multi Device Anatomy Specific Approach
Lecturer: Howard C. Herrmann

3:30 PM Roundtable Discussion With Audience QA

3:30 PM - 3:35 PM
Excel: Extended Follow Up and Most Important Substudies
Lecturer: Patrick W. Serruys

3:35 PM Noble: Extended Follow Up and Substudies
Lecturer: Evald H. Christiansen

3:44 PM Roundtable Discussion With Audience QA

2:00 PM - 3:02 PM
Session I: LM Bifurcation PCI — When?
Moderators: Marie-Claude Morice, David G. Rizik

2:00 PM Excel: Extended Follow Up and Most Important Substudies
Lecturer: Patrick W. Serruys

2:08 PM Noble: Extended Follow Up and Substudies
Lecturer: Evald H. Christiansen

2:14 PM Roundtable Discussion With Audience QA

2:20 PM Heart Team Case Discussions for 2 Patients With Left Main Bifurcation Disease
Case Presenter: Matthew Cavender

2:44 PM Flash Debate: DAPT Duration for LM PCI
2:44 PM
LM PCI: The Default Is Prolonged DAPT 1 year
Lecturer: Robert W. Yeh

2:50 PM LM PCI: One Year of DAPT Is Enough and Sometimes Even Less Is More
Lecturer: Davide Capodanno

3:02 PM - 3:08 PM
Session II: LM Bifurcation PCI — How?
Moderators: Jean FAJADET, John A. Ormiston
Discussants: Francesco Burzotta, Pawel E. Buszman, Carlo Di Mario, Seung-Jung Park, Nadia R. Sutton, David Taggart

3:02 PM - 3:08 PM
Excel: Extended Follow Up and Most Important Substudies
Lecturer: Patrick W. Serruys

3:08 PM Noble: Extended Follow Up and Substudies
Lecturer: Evald H. Christiansen

3:14 PM Roundtable Discussion With Audience QA

3:20 PM Choosing the Right TAVR System for Your Patients: A Multi Device Anatomy Specific Approach
Lecturer: Howard C. Herrmann

3:30 PM Roundtable Discussion With Audience QA

3:30 PM - 3:35 PM
Excel: Extended Follow Up and Most Important Substudies
Lecturer: Patrick W. Serruys

3:35 PM Noble: Extended Follow Up and Substudies
Lecturer: Evald H. Christiansen

3:44 PM Roundtable Discussion With Audience QA

THE LEFT MAIN AND BIFURCATION SUMMIT:
PART 2

THE LEFT MAIN AND BIFURCATION SUMMIT:
PART 2

THE LEFT MAIN AND BIFURCATION SUMMIT:
PART 2

THE LEFT MAIN AND BIFURCATION SUMMIT:
PART 2

PHYSIOLOGIC LESION ASSESSMENT AND INTERVENTIONAL PLANNING, PART 2: NEW DEVELOPMENTS IN CORONARY PHYSIOLOGY

PHYSIOLOGIC LESION ASSESSMENT AND INTERVENTIONAL PLANNING, PART 2: NEW DEVELOPMENTS IN CORONARY PHYSIOLOGY
Session I: Flash Clinical Trial Update and Practical Approach to Coronary Physiology

Moderators: Justin E. Davies, Nils Johnson
Discussants: Bina Ahmed, Nick Curzen, Matthias Götberg, Allen Jeremias, Gary S. Mintz, Andrew Sharp

4:00 PM - 5:02 PM

2 Year Outcome Data From DEFINE FLAIR and Swedeheart: A Critical Appraisal
Lecturer: Matthias Götberg

Long Term Outcomes With Physiology Guidance: Increased Risk for MI Among Patients Treated Medically
Lecturer: Nils Johnson

Pitfalls of Coronary Physiology Measurements
Lecturer: Bina Ahmed

4:21 PM - Roundtable Discussion With Audience QA

4:27 PM
The Case for Functional Not Anatomic Complete Revascularization: Preview of FAME 3
Lecturer: William F. Fearon

Post PCI Physiology: Insights From DEFINE PCI and Other Studies
Lecturer: Allen Jeremias

Resting Indices vs. Hyperemic Evaluation of Physiology in ACS: What Did We Learn From DEFINE FLAIR and Swedeheart
Lecturer: Christopher Cook

Physiology and Coronary Imaging: When to Use Either Both or Neither
Lecturer: Andreas Baumbach

5:02 PM - 6:02 PM

Session II: Wireless Assessment of Coronary Physiology
Moderators: Bon-Kwon Koo, Manesh R. Patel
Discussants: William F. Fearon, Niels R. Holm, James K. Min, Bjarne Linde Norgaard, Tim P. Van de Hoef, Bo Xu

5:02 PM - 6:02 PM

Back to Basics: Deriving FFR From CTA and Invasive Angiography
Lecturer: Koen Nieman

FFR CT State of the Art Clinical Study Evidence and Ongoing Planned Trials
Lecturer: Manesh R. Patel

5:18 PM - Roundtable Discussion With Audience QA

5:23 PM
Angiography Derived FFR: State of the Art Study Summary
Lecturer: Yuhei Kobayashi

5:31 PM
Debating Wireless Physiology: Invasive Assessment of Coronary Physiology Is Obsolete
Lecturer: Nick Curzen

5:39 PM
Debating Wireless Physiology: Invasive Assessment of Coronary Physiology Is Here to Stay
Lecturer: Ziad A. Ali

5:47 PM - Roundtable Discussion With Audience QA

5:52 PM
The Future of Coronary Physiology: Virtual Reality and Other Developments

PULMONARY HYPERTENSION AND ACUTE AND CHRONIC PULMONARY EMBOLI THERAPIES: PART 2

FRIDAY, SEPTEMBER 27, 2019
4:00 PM - 6:00 PM
Room 156/158

Session I: Pulmonary Hypertension Overview and CTEPH
Moderators: Ori Ben-Yehuda, Ehtisham Mahmud
Discussants: Matthew D. Bacchetta, Riyaz Bashir, Michael M. Madani, Hiromi Matsubara, Victor Pretorius, Alex M. K. Rothman

4:00 PM - Classification of Pulmonary Hypertension and Overview of CTEPH
Lecturer: Ori Ben-Yehuda

4:08 PM - Pulmonary Thromboendarterectomy: Experience With Over 4000 Cases at UCSD
Lecturer: Michael M. Madani

4:18 PM - Balloon Pulmonary Angioplasty for CTEPH I: Current Technique and Outcomes
Lecturer: Ehtisham Mahmud

4:26 PM - Balloon Pulmonary Angioplasty for CTEPH II: Patient Selection and Complications
Lecturer: Vikas Aggarwal

4:34 PM - Balloon Pulmonary Angioplasty for CTEPH III: Registry Data From Europe
Lecturer: Irene Marthe Lang

5:02 PM - 6:02 PM

Session II: Pulmonary Artery Denervation and Other PHTN Approaches
Moderators: Shao-Liang Chen, Irene Marthe Lang
Discussants: Ori Ben-Yehuda, Daniel Burkhoff, Biswajit Kar, Alex M. K. Rothman, Sanjum S. Sethi, Thomas M. Tu

5:02 PM - Introduction to Pulmonary Artery Denervation: Rationale
Lecturer: Ori Ben-Yehuda

5:10 PM - Pulmonary Artery Denervation I: Radiofrequency Ablation
Lecturer: Shao-Liang Chen

5:20 PM - Pulmonary Artery Denervation II: Ultrasound Based Therapy
Lecturer: Alex M. K. Rothman
Aria: A Passive Device to Improve Pulmonary Compliance
Lecturer: Irene Marthe Lang

Inter Atrial Shunts for Pulmonary Hypertension Group I and Group II
Lecturer: Daniel Burkhoff

Roundtable Discussion With Audience QA

STEMI, CARDIAC ARREST, AND CARDIOGENIC SHOCK: PART 2

STEMI, Cardiac Arrest, and Cardiogenic Shock: Part 2

FRIDAY, SEPTEMBER 27, 2019
4:00 PM - 6:00 PM
Room 151/153

4:00 PM - 5:00 PM
Session III: Cardiogenic Shock — Are We Making Progress?
Moderators: Arthur Garan, Thomas F. Luscher
Discussants: Carla Agatiello, David A. Baran, Mir Babar Basir, Francisco Fernandez-Aviles, Vijay Kunadian, Alexander George Truesdell

4:00 PM
Acute Cardiogenic Shock: The Number One Unresolved Challenge in Cardiovascular Disease
Lecturer: William W. O'Neill

4:08 PM
Classification Schemes for Cardiogenic Shock
Lecturer: Amir Lotfi

4:15 PM
Mechanical Support in Acute Cardiogenic Shock: State of the Evidence and Future Directions
Lecturer: E. Magnus Ohman

4:23 PM
While Awaiting More Clinical Trial Data: Real World Approaches to Cardiogenic Shock and Hemodynamic Support
Lecturer: Alexander George Truesdell

4:31 PM
The Case for Left and Right Sided Impella in Acute Cardiogenic Shock
Lecturer: Nima Aghili

4:39 PM
The Case for ECMO in Acute Cardiogenic Shock
Lecturer: Daniela Trabattoni

4:46 PM
Roundtable Discussion With Audience QA

5:00 PM - 6:00 PM
Session IV: Cardiac Arrest
Moderators: David A. Morrow
Discussants: Larry Alexander Allen, Sonya Burgess, Hoval Chweich, Christian M. Spaulding, Sean Van Diepen, Niels van Royen

5:00 PM
The Relationship Between Cardiogenic Shock and Cardiac Arrest
Lecturer: Timothy D. Henry

5:07 PM
Management Strategies in Cardiac Arrest With ROSC With or Without Coma: Hypothermia Cath Decisions and More
Lecturer: Niels van Royen

5:17 PM
Management Strategies in Cardiac Arrest Without ROSC: Heroic or Conservative
Lecturer: Christian M. Spaulding

5:24 PM
Roundtable Discussion With Audience QA

5:30 PM
Out on a Limb: Vascular Access Management With ECMO and Impella
Lecturer: Farouc A. Jaffer

5:37 PM
Defining Futility in Cardiogenic Shock: When to Say Enough
Lecturer: David A. Morrow

5:44 PM
Case Presentation: Intraprocedural Arrest During Primary PCI
Case Presenter: Srihari S. Naidu

5:51 PM
Roundtable Discussion With Audience QA
TCT INNOVATION V. KEYNOTE INNOVATION INTERVENTIONAL STUDIES

TCT Innovation V. Keynote Innovation Interventional Studies

FRIDAY, SEPTEMBER 27, 2019
8:00 AM - 12:00 PM
Innovation & Keynote Theater

TCT INNOVATION V. KEYNOTE INNOVATION INTERVENTIONAL STUDIES

FRIDAY, SEPTEMBER 27, 2019
8:00 AM - 8:47 AM
Session XV: Interventional Heart Failure and Hypertension Therapies

8:00 AM
Levoatrial To Coronary Sinus Shunting As A Novel Strategy For Symptomatic Heart Failure: First In Human Experience
Lecturer: Trevor Simard

8:07 AM
Rapid Fire QA

8:10 AM
Endovascular Renal Sympathetic Denervation To Improve Heart Failure With Reduced Ejection Fraction: The IMPROVE HF I Study
Lecturer: Joost Daemen

8:17 AM
Rapid Fire QA

8:20 AM
External Support of the Cardiac Base Addresses Functional Mitral Regurgitation: Results of the BACE CE Mark Trial
Lecturer: Jai Raman

8:27 AM
Rapid Fire QA

8:30 AM
Alcohol Mediated Renal Denervation: One Year and Final Results from the Peregrine Post Market Study
Lecturer: Felix Mahfoud

8:37 AM
Moderated Discussion

8:47 AM - 9:34 AM
Session II. Emerging Drug Coated Balloon Technologies
Moderators: Bruno Scheller, Pieter R. StellaDiscussants: Robert M. Bersin, Bernardo Cortese, Jose de Ribamar Costa Jr, Sudhir Rathore, Bo Xu

8:47 AM
Absence Of Risk Of Death After Coronary Paclitaxel Coated Balloons: Systematic Review And Meta Analysis Of Randomized Trials
Lecturer: Bruno Scheller

8:54 AM
Rapid Fire QA

8:57 AM
Clinical Outcome At 6 Months Between Paclitaxel Coated Balloon Versus Sirolimus Coated Balloon In De Novo Coronary Lesions
Lecturer: Sandeep Basavarajaiah

9:04 AM
Rapid Fire QA

9:07 AM
EASTBOURNE Registry: 1 Year Follow Up Of A Broad Population Treated With A Sirolimus Coated Balloon For Coronary Artery Disease
Lecturer: Bernardo Cortese

9:14 AM
Rapid Fire QA

9:17 AM
SELUTION SLR: A Sustained Limus Release Drug Eluting Balloon: First Human Data From A Multicenter Coronary Trial
Lecturer: SHIRISH HIREMATH

9:24 AM
Moderated Discussion

9:34 AM - 10:30 AM
Session XVI: DES and Other Emerging Coronary Technologies
Moderators: Grzegorz L. Kaluza, John A. OrmistonDiscussants: Kenneth Chin, Donald Cutlip, Suzanne de Waha-Thiele, J. Aaron Grantham

9:34 AM
One Year Clinical Outcomes of Worlds Thinnest 50 microns Biodegradable Polymer Coated Everolimus Eluting Coronary Stent in Patients With Coronary Artery Disease

8:00 AM
Levoatrial To Coronary Sinus Shunting As A Novel Strategy For Symptomatic Heart Failure: First In Human Experience
Lecturer: Trevor Simard

8:07 AM
Rapid Fire QA

8:10 AM
Endovascular Renal Sympathetic Denervation To Improve Heart Failure With Reduced Ejection Fraction: The IMPROVE HF I Study
Lecturer: Joost Daemen

8:17 AM
Rapid Fire QA

8:20 AM
External Support of the Cardiac Base Addresses Functional Mitral Regurgitation: Results of the BACE CE Mark Trial
Lecturer: Jai Raman

8:27 AM
Rapid Fire QA

8:30 AM
Alcohol Mediated Renal Denervation: One Year and Final Results from the Peregrine Post Market Study
Lecturer: Felix Mahfoud

8:37 AM
Moderated Discussion

8:47 AM - 9:34 AM
Session II. Emerging Drug Coated Balloon Technologies
Moderators: Bruno Scheller, Pieter R. StellaDiscussants: Robert M. Bersin, Bernardo Cortese, Jose de Ribamar Costa Jr, Sudhir Rathore, Bo Xu

8:47 AM
Absence Of Risk Of Death After Coronary Paclitaxel Coated Balloons: Systematic Review And Meta Analysis Of Randomized Trials
Lecturer: Bruno Scheller

8:54 AM
Rapid Fire QA

8:57 AM
Clinical Outcome At 6 Months Between Paclitaxel Coated Balloon Versus Sirolimus Coated Balloon In De Novo Coronary Lesions
Lecturer: Sandeep Basavarajaiah

9:04 AM
Rapid Fire QA

9:07 AM
EASTBOURNE Registry: 1 Year Follow Up Of A Broad Population Treated With A Sirolimus Coated Balloon For Coronary Artery Disease
Lecturer: Bernardo Cortese

9:14 AM
Rapid Fire QA

9:17 AM
SELUTION SLR: A Sustained Limus Release Drug Eluting Balloon: First Human Data From A Multicenter Coronary Trial
Lecturer: SHIRISH HIREMATH

9:24 AM
Moderated Discussion

9:34 AM - 10:30 AM
Session XVI: DES and Other Emerging Coronary Technologies
Moderators: Grzegorz L. Kaluza, John A. OrmistonDiscussants: Kenneth Chin, Donald Cutlip, Suzanne de Waha-Thiele, J. Aaron Grantham

9:34 AM
One Year Clinical Outcomes of Worlds Thinnest 50 microns Biodegradable Polymer Coated Everolimus Eluting Coronary Stent in Patients With Coronary Artery Disease
HIGH-IMPACT CLINICAL RESEARCH I: PERIPHERAL ARTERIAL DISEASE AND DRUG-COADED BALLOONS

FRIDAY, SEPTEMBER 27, 2019
2:00 am - 3:00 am
High-Impact Clinical Research I: Peripheral Arterial Disease and Drug-Coated Balloons
Innovation & Keynote Theater

2:00 am - 3:00 am
Peripheral Arterial Disease and Drug-Coated Balloons
Moderators: Kenneth Ouriel, Bruno SchellerDiscussants: Fernando Alfonso, S. Elissa Altin, Ehrin J. Armstrong, Robert M. Bersin, Peter A. Schneider, Pieter R. Stella

2:00 am
Long Term Safety of Drug Coated Devices for Femoropopliteal Artery Revascularization: Updated Analysis of Medicare Beneficiary Data
Lecturer: Eric A. Secemsky

2:10 am
Roundtable Discussion With Audience QA

2:15 am
LUTONIX BTK Diabetes: Outcomes From a Randomized Trial of a Drug Coated Balloon vs. Standard Angioplasty in Diabetic Patients With Below the Knee Disease
Lecturer: Joseph Giorgianni

2:25 am
Roundtable Discussion With Audience QA

2:30 am
TOBA III: 1 Year Outcomes From a Single Arm Study of Focal Dissection Repair After Drug Coated Balloon Angioplasty of Superficial Femoral And Proximal Popliteal Arteries
Lecturer: Marianne Brodmann

2:40 am
Roundtable Discussion With Audience QA

2:45 am
PICCOLETO II: 6 Month Clinical and Angiographic Findings From a Randomized Trial of Drug Coated Balloons vs. Drug Eluting Stents for Treatment of Small Vessel Coronary Artery Disease
Lecturer: Bernardo Cortese

2:55 am
Roundtable Discussion With Audience QA
HIGH-IMPACT CLINICAL RESEARCH II:
MANAGEMENT OF CARDIOGENIC SHOCK

**High-Impact Clinical Research II: Management of Cardiogenic Shock**

**FRIDAY, SEPTEMBER 27, 2019**
3:00 PM - 4:00 PM
Innovation & Keynote Theater

**3:00 PM**
**Management of Cardiogenic Shock**
Moderators: Jeffrey W. Moses, Manesh R. Patel
Discussants: Cindy L. Grines, Biswajit Kar, Arasi Maran, James M. McCabe, Holger Thiele

3:00 PM
**Shock Prognosis: Validation of the SCAI Cardiogenic Shock Classification**
Lecturer: Dirk Westermann

3:10 PM
**Roundtable Discussion With Audience QA**

3:15 PM
**Impact of Right Ventricular Dysfunction in Acute Myocardial Infarction Complicated by Cardiogenic Shock**
Lecturer: Mir Babar Basir

3:25 PM
**Roundtable Discussion With Audience QA**

3:30 PM
**Multivessel Intervention in Shock: Validation of the CULPRIT SHOCK Trial Outcomes in a National Myocardial Infarction Registry**
Lecturer: Wojtek Wojakowski

3:40 PM
**Roundtable Discussion With Audience QA**

3:45 PM
**Trends in the Use of Mechanical Circulatory Support in the United States: The 2012-2015 National Inpatient Sample**
Lecturer: Ankur Kalra

3:55 PM
**Roundtable Discussion With Audience QA**

---

**FDA TOWN HALL MEETING PART 2: HOT TOPICS**

**FDA Town Hall Meeting Part 2: Hot Topics**

**FRIDAY, SEPTEMBER 27, 2019**
2:00 PM - 5:45 PM
Room 205-206

2:00 PM - 2:49 PM
**Session I. Addressing the Need for Heart Failure Devices: Regulatory, Clinical, and Industry Challenges**
Moderators: Nicole Ibrahim, JoAnn Lindenfeld
Discussants: William T. Abraham, Lori M. Ashby, Lauren S. Baker, Daniel Burkhoff, Mona Fiuzat, Navin K. Kapur, Christopher O’Connor, Ileana L. Pina

2:00 PM
**Devices for Heart Failure: FDA Perspectives on Trial Designs and Endpoints**
Lecturer: Bram D. Zuckerman

2:07 PM
**ARC Initiative for Heart Failure and Shock: HF ARC Shock ARC and More**
Lecturer: Christopher O’Connor

2:14 PM
**Industry View on Controlled Trials for Heart Failure and Shock Devices**
Lecturer: William T. Abraham

2:22 PM
**Perspectives on Infarct Size as a Surrogate in STEMI**
Lecturer: Navin K. Kapur

2:29 PM
**Roundtable Discussion with Audience QA**

---

**HIGH-IMPACT CLINICAL RESEARCH III:
PHARMACOTHERAPY STRATEGIES AND CALCIFIED LESIONS**

**High-Impact Clinical Research III: Pharmacotherapy Strategies and Calcified Lesions**

**FRIDAY, SEPTEMBER 27, 2019**
4:00 PM - 5:00 PM
Innovation & Keynote Theater

4:00 PM - 5:00 PM
**Pharmacotherapy Strategies and Calcified Lesions**

---
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Lecturer/Detail</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:49</td>
<td>Devices to Treat Shock: Regulatory Perspectives</td>
<td>Fernando Aguel</td>
</tr>
<tr>
<td>2:56</td>
<td>Industry Perspectives on Controlled Trials for Shock Devices</td>
<td>Noam Josephy</td>
</tr>
<tr>
<td>3:03</td>
<td>Designing Controlled Trials for Shock Devices: Population Targets and Safety and Effectiveness Considerations</td>
<td>Anthony H. Gershlick</td>
</tr>
<tr>
<td>3:11</td>
<td>Reimbursement Pathways for Shock Devices</td>
<td>Lori M. Ashby</td>
</tr>
<tr>
<td>3:19</td>
<td>Roundtable Discussion with Audience QA</td>
<td></td>
</tr>
<tr>
<td>3:39</td>
<td>Devices to Treat Shock: Regulatory Perspectives</td>
<td>Fernando Aguel</td>
</tr>
<tr>
<td>3:46</td>
<td>Defining High Bleeding Risk: HBR ARC</td>
<td>Philip M. Urban</td>
</tr>
<tr>
<td>3:53</td>
<td>Roundtable Discussion with Audience QA</td>
<td></td>
</tr>
<tr>
<td>4:13</td>
<td>Pivotal Transcatheter FMR Device Trials: One Year After COAPT and MITRA FR</td>
<td>Gregg W. Stone</td>
</tr>
<tr>
<td>4:21</td>
<td>Transcatheter Mitral Valve Repair and Replacement Pivotal Trials: Industry Perspectives</td>
<td>Ted E. Feldman</td>
</tr>
<tr>
<td>4:28</td>
<td>Transcatheter Mitral Valve Repair and Replacement Pivotal Trials: Regulatory Considerations</td>
<td>Changfu Wu</td>
</tr>
<tr>
<td>4:35</td>
<td>Transcatheter Mitral Valve Repair and Replacement Devices: Reimbursement Considerations</td>
<td>Lori M. Ashby</td>
</tr>
<tr>
<td>4:42</td>
<td>Roundtable Discussion with Audience QA</td>
<td></td>
</tr>
<tr>
<td>4:46</td>
<td>Defining High Bleeding Risk: HBR ARC</td>
<td>Adrian Magee</td>
</tr>
<tr>
<td>5:02</td>
<td>Pivotal Transcatheter FMR Device Trials: One Year After COAPT and MITRA FR</td>
<td>Gregg W. Stone</td>
</tr>
<tr>
<td>5:08</td>
<td>Roundtable Discussion with Audience QA</td>
<td></td>
</tr>
<tr>
<td>5:10</td>
<td>TAVR for Bicuspid Aortic Stenosis: What Is Known and What Is Not</td>
<td>Michael J. Mack</td>
</tr>
<tr>
<td>5:17</td>
<td>TAVR for Aortic Regurgitation: Clinical Device Evaluation Considerations</td>
<td>Vinod H. Thourani</td>
</tr>
<tr>
<td>5:24</td>
<td>Roundtable Discussion with Audience QA</td>
<td></td>
</tr>
</tbody>
</table>

**CATH LAB RADIATION MANAGEMENT: IN REMEMBRANCE OF CHARLES CHAMBERS**

**Coronary: Core**

**FRIDAY, SEPTEMBER 27, 2019**

12:15 PM - 1:45 PM

**Room 203**

**Agenda**

- Introduction and Basics
  - Lecturer: Stephen Balter
- Physician Safety and Emerging Technology Solutions
  - Lecturer: James A. Goldstein
- Patient and Staff Safety Considerations
  - Lecturer: Kristin Bottone, Cynthia Wilson
- Minimizing Patient Radiation Exposure
  - Lecturer: Sanjog Kalra
- Roundtable Discussion With Audience QA
  - Lecturer: Edwin M. Leidholdt, Jr.
- Patient Radiation Tracking and Results
  - Lecturer: Madan M. Rehani
- JC Fluoro Requirements
  - Lecturer: Stephen Balter
- Roundtable Discussion With Audience QA
  - Lecturer: Jennifer Bastijanic, Madan M. Rehani

**Clinical Trial Design, Statistics, and Literature Interpretation: The Evidence-Based Medicine Expert — Part 1**

**Coronary: Core**

**FRIDAY, SEPTEMBER 27, 2019**

12:15 PM - 1:45 PM

**Room 201-202**

**Agenda**

- Introduction and Basics
  - Lecturer: Jennifer Bastijanic
- Physician Safety and Emerging Technology Solutions
  - Lecturer: James A. Goldstein
- Patient and Staff Safety Considerations
  - Lecturer: Kristin Bottone, Cynthia Wilson
- Minimizing Patient Radiation Exposure
  - Lecturer: Sanjog Kalra
- Roundtable Discussion With Audience QA
  - Lecturer: Edwin M. Leidholdt, Jr.
- Patient Radiation Tracking and Results
  - Lecturer: Madan M. Rehani
- JC Fluoro Requirements
  - Lecturer: Stephen Balter
- Roundtable Discussion With Audience QA
  - Lecturer: Jennifer Bastijanic, Madan M. Rehani
DETECTION AND TREATMENT OF VULNERABLE PLAQUES AND VULNERABLE PATIENTS: ARE WE THERE YET?

**Detection and Treatment of Vulnerable Plaques and Vulnerable Patients: Are We There Yet?**

**Coronary: Core**

**FRIDAY, SEPTEMBER 27, 2019**
12:15 PM - 1:45 PM
Room 213

**Session I: The Search for the Vulnerable Plaque**
Moderator: James E. Muller, Gregg W. Stone

- **12:15 PM** Keynote Lecture: The Thirty Year Search for the Vulnerable Plaque Pursuit of the Holy Grail or a Fools Errand
  Lecturer: James E. Muller

- **12:25 PM - 1:14 PM**
  **Session II: Secondary Prevention of Coronary Events Post-PCI by Detection and Treatment of Vulnerable Plaques and Patients**
  Moderators: James E. Muller, Gregg W. Stone
  Discussants: Takashi Akasaka, John A. Ambrose, Ranil De Silva, Carlo Di Mario, Habib Samady, Robert L. Wilensky

- **12:25 PM** IVUS and OCT Imaging for the Detection of Vulnerable Plaque and Patients

**DIABETIC DEBATES: REVASCULARIZATION AND MEDICAL THERAPIES**

**Diabetic Debates: Revascularization and Medical Therapies**
**Coronary: Core**

**FRIDAY, SEPTEMBER 27, 2019**
12:15 PM - 1:45 PM
Room 209-210

- **12:15 PM - 1:45 PM**
  **Diabetic Debates: Revascularization and Medical Therapies**
  Moderators: Sripal Bangalore, David J. Maron
  Discussants: Frederick Feit, James Flaherty, Norman E. Lepor, Ahmed Magdy, Miodrag C. Ostojic, Craig A. Thompson

- **12:15 PM** Debate 1: The Diabetic Patient With Multivessel CAD
TCT ENDOVASCULAR: TREATMENT OF ACUTE PULMONARY EMBOLISM

TCT Endovascular: Treatment of Acute Pulmonary Embolism
Vascular

FRIDAY, SEPTEMBER 27, 2019
12:15 PM - 1:45 PM
Room 216

12:15 PM - 1:45 PM
Treatment of Acute Pulmonary Embolism
Moderators: Jay S. Giri, Robert A. Lookstein

12:15 PM
Welcome
Lecturer: Robert A. Lookstein

12:20 PM
Acute PE: Scope of the Problem
Lecturer: Gregory Piazza

12:30 PM
Catheter Directed Thrombolysis for Submassive Acute PE: The New Standard
Lecturer: Keith Sterling

12:45 PM
Large Bore Thromboaspiration Is a Game Changer: The New Kid on the Block
Lecturer: Thomas M. Tu

12:55 PM
Not So Fast: Small Bore Thromboaspiration Is All You Need
Lecturer: Michael J Rosenberg

1:05 PM
A New Technology for Thrombolysis and Thromboectomy
Lecturer: Riyaz Bashir

1:15 PM
PERT is the Only Way to Improve Patient Care and Change the Outcomes
Lecturer: Jay S. Giri

1:25 PM
Roundtable Discussion With Audience QA
Lecturer: Robert A. Lookstein

1:40 PM
Closing Remarks
Lecturer: Jay S. Giri
Lecturer: Zvonimir Krajcer
12:33 PM New Developments in the Management of Acute Uncomplicated TBAD
Lecturer: Virendra I. Patel
12:39 PM Mid Term Comparison of Fenestrated vs Parallel Grafts for the Treatment of Juxtarenal Suprarenal and Thoracoabdominal Aneurysms
Lecturer: James F. McKinsey
12:45 PM Role of 3D Fusion Imaging and Guidance for Complicated Aortic Reconstructions
Lecturer: Neal S. Cayne
12:51 PM Roundtable Discussion With Audience QA
1:03 PM Strategies to Solve Unexpected Major Complications During Endo Repair of Thoracoabdominal Aneurysms
Lecturer: William J. Quinones-Baldrich
1:09 PM EVAR Explants: Technical Challenges and Outcomes
Lecturer: Virendra I. Patel
1:15 PM Real World Multicenter Experience With the Gore Iliac Branched Devices for Unilateral and Bilateral Iliac Aneurysms: Technical Tips and Outcomes
Lecturer: Thomas Maldonado
1:21 PM EVAR Advantages for the Repair of Ruptured AAAs: Strategies to Increase Its Feasibility
Lecturer: Brian G. DeRubertis
1:27 PM Endovascular Aortoiliac Stent Grafting for Juxtarenal Aortoiliac Disease: Technique Devices and Results
Lecturer: Michael Silva
1:33 PM Roundtable Discussion With Audience QA

TRANSCATHETER CARDIOVASCULAR INNOVATIONS IN THE UNDERSERVED: CURRENT CHALLENGES AND OPPORTUNITIES — SPONSORED BY THE ASSOCIATION OF BLACK CARDIOLIGISTS

FRIDAY, SEPTEMBER 27, 2019
12:15 PM - 1:45 PM
Room 215

12:15 PM - 1:00 PM
Session I: Diversity Within the Interventional Cardiology Workforce — What Matters and Why?

12:15 PM Diversity in Medicine: Charting a Path Forward
Lecturer: Clyde W. Yancy
12:25 PM Roundtable Discussion With Audience QA
12:30 PM The Cardiology Workforce: Current Status and Future Needs
Lecturer: Quinn Capers
12:40 PM Roundtable Discussion With Audience QA
12:45 PM Women in Interventional Cardiology: How to Make It Work

TECHNIQUES AND CASE STUDIES IN PFO CLOSURE

FRIDAY, SEPTEMBER 27, 2019
12:15 PM - 1:45 PM
Room 207

12:15 PM - 1:45 PM
Techniques and Case Studies in PFO Closure

12:15 PM Case Presentation With Discussion: Your Patient Is on the Table for PFO Closure but No PFO Is Found
Case Presenter: Eric Horlick
12:23 PM Case Presentation With Discussion: PFO Closure When the Good Becomes the Ugly
Case Presenter: Carey D. Kimmelstiel
12:31 PM Case Presentation With Discussion: PFO Closure in Hypoxemic Syndrome
Case Presenter: Harsimran Sachdeva Singh
TRANSCATHETER VALVE THERAPY | FRIDAY, SEPTEMBER 27, 2019

Lecturer: Cindy L. Grines

12:55 PM Roundtable Discussion With Audience QA

1:00 PM - 1:45 PM
Session II: Unique Challenges in Achieving Equity in Care and Outcomes
Moderators: Wayne B. Batchelor, Marianne Brodmann
Discussants: Mirvat Alasnag, Angeles Alonso Garcia, Quinn Capers, Ioanna Kosmidou, Amisha Patel, Celina M. Yong

1:00 PM Minority Women Undergoing PCI: Optimizing Outcomes in the New High Risk PCI Cohort
Lecturer: Kelly C. Epps

1:10 PM PCI in the Alaskan Native American Indian Population: Unique Challenges and Potential Solutions
Lecturer: George S. Chrysant

1:20 PM Diagnostic and Treatment Disparities in Valvular Heart Disease: Implications for Structural Heart Programs
Lecturer: Aaron Horne, Jr.

1:30 PM Going Out on a Limb: A Call to Action for Critical Limb Ischemia in the Underserved
Lecturer: Lee Kirksey

1:40 PM Roundtable Discussion With Audience QA

ENDOVASCULAR CARDIAC COMPLICATIONS (ECC) 2019: PREVENTION IS THE BEST TREATMENT FOR COMPLICATIONS

Endovascular Cardiac Complications (ECC) 2019: Prevention Is The Best Treatment For Complications

FRIDAY, SEPTEMBER 27, 2019
9:00 AM - 10:30 AM
Room 216

9:00 AM - 10:30 AM
Endovascular Cardiac Complications (ECC) 2019: Prevention Is The Best Treatment For Complications
Discussant: Merida Cardenas Manilla, Morton J. Kern, Jack Wei Chieh Tan, Aaron Wong Sung Lung

9:00 AM Introduction
Lecturer: Michael Haude

9:05 AM Till Death Do Tear Us Apart
Lecturer: Aaron Wong Sung Lung

9:20 AM Roundtable Discussion With Audience QA
Lecturer: Aaron Wong Sung Lung

9:25 AM No Reflow After Balloon Angioplasty

9:40 AM Roundtable Discussion With Audience QA

9:45 AM Unusual Situation During Transradial Intervention
Lecturer: Purich Surunchuakorn

10:00 AM Roundtable Discussion With Audience QA

10:05 AM Unexpected Shock: Where Does It Come From
Lecturer: Merida Cardenas Manilla

10:25 AM Conclusions and Take Home Messages

TCT INDIA SESSION

TCT India Session

FRIDAY, SEPTEMBER 27, 2019
9:00 AM - 10:30 AM
Presentation Theater 2

9:00 AM - 10:30 AM
TCT India
Chairs: Pravin K. Goel, Yasha Sharma
Panelists: V RAJASEKHAR, Anand M. Rao, KMK Reddy, Bhuyan Chandra Tiwari

9:00 AM Opening Remarks
Lecturer: Pravin K. Goel, Yasha Sharma

9:05 AM Session I. Coronary Complications
9:05 AM Stent Migration Embolisation
Lecturer: Viveka Kumar

9:12 AM Discussion
Lecturer: Viveka Kumar

9:15 AM Coronary Aneurysms Post DES Traumatic
Lecturer: Subhash Chandra

9:22 AM Discussion
Lecturer: Subhash Chandra

9:25 AM Coronary Perforation Tamponade
Lecturer: Pravin Agarwal

9:32 AM Discussion
Lecturer: Pravin Agarwal

9:47 AM Session II. Structural Heart Intervention Complications
9:47 AM My Worst TAVR Complication
Lecturer: Pravin K. Goel

9:54 AM Discussion
Lecturer: Pravin K. Goel

9:57 AM My Repair Techniques Mitra Clip Complications How to Avoid Them With Case EGS
Lecturer: Pravin Agarwal

10:04 AM Discussion
Lecturer: Pravin K. Goel
INTERNATIONAL INTERNATIONAL FELLOWS CHALLENGING CASE SESSION

International Fellows Challenging Case Session

FRIDAY, SEPTEMBER 27, 2019
4:00 PM - 5:30 PM
Room 216

4:00 PM - 4:33 PM
Session I. Top Three International Fellows Cases
Discussants: Carlos D. Calderas, Pedro De Araujo Goncalves, Afzalur Rahman, Wojtek Wojakowski

4:00 PM
Introduction of Top 3 Selected Winners
Lecturer: Ori Ben-Yehuda

4:05 PM
First Place Winner Case: A Novel and Simple Percutaneous Technique to Treat a Complex Pseudoaneurysm of Post Aortic Coarctation Patch Aortoplasty
Case Presenter: Virginia Pascual - Tejerina

4:12 PM
Second Place Winner Case: Nightmare in a Cardioband Transcatheter Tricuspid Annuloplasty
Case Presenter: Mizuki Miura

4:19 PM
Third Place Winner Case: Calcium Does Not Always Win the Battle
Case Presenter: Rosa Alba Abellas Sequeiros

4:26 PM
Roundtable Discussion With Audience QA

4:33 PM - 5:05 PM
Session II. Fellows Got Talent – Case Competition!
Moderators: Wojtek WojakowskiDiscussants: Mirvat Alasnag, Pedro De Araujo Goncalves, Afzalur Rahman, Mohamed Ahmed Sobhy

4:33 PM
Case 1 A: A Case of Stent Shaft Fracture During PCI and Retrieval With Trapping Balloon Method
Case Presenter: Wei Tso Chen

4:38 PM
Case 2 B: Percutaneous Closure of a Blalock Tausig Shunt Using a Systemic Pulmonary Collateral and Closure of a Cavo Atrial Fenestration in a Single Procedure
Case Presenter: Jesus Omar Hernandez Marquez

4:43 PM
Case 3 C: Iatrogenic Left Internal Mammary Artery to Great Cardiac Vein Fistula Successfully Treated With Vascular Plug
Case Presenter: Gibran Bhering Nascif

4:48 PM
Case 4 D Pulmonary Valve Replacement With Venus P Valve
Case Presenter: SAYAH NEILA

4:53 PM
Voting Commences Winner Announced TCT Poll App Question: Please Vote On The Case You Found Most Challenging Answers: A B C or D

INTERNATIONAL COMPLEX CASE SESSION IV:
CORONARY THROMBUS MANAGEMENT AND OTHER SPECIAL PCI SITUATIONS

International Complex Case Session IV: Coronary Thrombus Management and Other Special PCI Situations

FRIDAY, SEPTEMBER 27, 2019
8:30 AM - 10:30 AM
Presentation Theater 1

8:30 AM - 10:30 AM
Coronary Thrombus Management and Other Special PCI Situations
Moderators: Graham A. Cassel, Efrain GaxiolaDiscussants: Magdy Abdelhamid, Pablo D. Charry-Amaya, Mohamed Chettibi, Giuseppe Musumeci, Ivo Petrov, Li Wah Tam

8:30 AM
Introduction
Lecturer: Efrain Gaxiola

8:35 AM
Croatia Presents: Complex LMCA LADRI PCI in NSTEMI
Case Presenter: Eduard Margetic

8:45 AM
Roundtable Discussion With Audience QA

8:50 AM
Colombia Presents: Left Main Coronary Thrombus in a Young Women Treated With Catheter Thrombectomy
Case Presenter: Jorge Villegas

9:00 AM
Roundtable Discussion With Audience QA

9:05 AM
Algeria Presents: Acute Stent Thrombosis An Allergic Cause
Case Presenter: Mohamed Abed Bouraghda

9:15 AM
Roundtable Discussion With Audience QA

9:20 AM
Belgium Presents: A Case of Cardiogenic Shock Caused by Spontaneous Coronary Artery Dissection of The Left Main
Case Presenter: Walter Desmet

9:30 AM
Roundtable Discussion With Audience QA

9:35 AM
Germany Presents: Overlapping Covered Stent Implantation for Treatment of Large Aneurysm in Proximal Left Anterior Descending Artery
INTERNATIONAL COMPLEX CASE SESSION V:
FEATURED COMPLEX CORONARY CASES

INTERNATIONAL COMPLEX CASE SESSION VI:
FEATURED COMPLEX CORONARY CASES

CHALLENGING CASES 3
9:15 AM - 10:45 AM
Coronary XI
Discussant: Peter Barlis, Liang Dong, Vladimir Dzavik, Nieves Gonzalo, Jincheng Guo, Michalis Hamilos, Cahn Honratty, Stefan Harb, Hosam Hasan, Yutaka Hibiki, Jingbo Hou, Rongchong Huang, Dipti Itchhaporia, Aaron V. Kaplan, Yoshiaki Kawase, David F. Kong

9:15 AM TCT 1210: A Coronary Masquerade: Spontaneous Coronary Artery Dissection Presenting as an Acute Coronary Syndrome
Presenting Author: Kara Stout

9:15 AM TCT 1211: Streamlined Reverse Wire Technique for the Treatment of Complex Bifurcated Lesions
Presenting Author: Katsuyuki Hasegawa

9:15 AM TCT 1212: The Efficacy of Directional Coronary Atherectomy for Non ST segment Elevation Myocardial Infarction
Presenting Author: Kohei Yoneda

9:15 AM TCT 1213: Acute Coronary Syndrome in a Nonagenarian - Clinical Ethical and Procedural challenges. Is there sufficient evidence based knowledge to guide us
Presenting Author: Krishna Tummalapalli

9:15 AM TCT 1214: Multiple Vessel Spontaneous Coronary Artery Dissection causing NSTEMI
Presenting Author: Lance Alquran

9:15 AM TCT 1215: The most critical lesion in the most critical scenario
Presenting Author: Maged Ramses

9:15 AM TCT 1216: Challenging CTO intervention in a patient with single coronary artery
Presenting Author: Manu Rajendran

9:15 AM TCT 1217: Acute coronary syndrome: severely under expanded stent treated with Shockwave IVL
Presenting Author: Marco Boccalatte

9:15 AM TCT 1218: Successful Staged Percutaneous Coronary Intervention for Spontaneous Coronary Artery Dissection using Retrograde Approach
Presenting Author: Masatsugu Naoe

9:15 AM TCT 1219: Missing Left Main: How Did I Treat
Presenting Author: Gholam Azam

9:15 AM TCT 1220: How to Overcome Tortuous and Angulated Lesion at RCA STEMI
Presenting Author: Kim Minwoong

9:15 AM TCT 1221: Con genital Anomaly of the Left Main Coronary Artery Presenting as a Myocardial Infarction in a Young Female
Presenting Author: Mohammed Al-Sadawi

9:15 AM TCT 1222: Left Ventricular Unloading during 1:3 Pulsatile Mechanical Circulatory Support in Ischemic Cardiomyopathy

9:15 AM - 10:45 AM
Coronary XII
Discussant: Tarun Chakravarty, Nabil Dib, Lampson Fan, Guosheng Fu, Arthur Garan, Inglbjorg J. Gudmundsdittir, Abdul Hakeem

9:15 AM TCT 1225: The Interventional therapy of post infarction ventricular septal defect with cardiogenic shock
Presenting Author: Minglian Gong

9:15 AM TCT 1226: Cardiogenic Shock Complicated by Diffuse Alveolar Hemorrhage DAH: Simultaneous use of an Impella CP and Veno Venous ECMO in a case of NSTEMI Elevation Myocardial Infarction STEMI requiring Plasminogen Activator tPA
Presenting Author: Navneet Sharma

9:15 AM TCT 1227: A Case of Immune Checkpoint Inhibitor related Fulminant Myocarditis with Cancer
Presenting Author: Satoshi Matsuoka

9:15 AM TCT 1228: The Case of the Migrating Axillary Balloon Pump.
Presenting Author: Stephanie El-Hajj

9:15 AM TCT 1229: Management of Refractory Cardiac Arrests with Venous Extra Corporeal Membranous Oxygenation VA ECMO and Left Ventricular Venting Enabling Complex Percutaneous Coronary Interventions
Presenting Author: Talha Ahmed

9:15 AM TCT 1230: Transgender Patient Receiving Cross Sex Hormone Therapy presenting as Simultaneous LM and RCA Plaque Rupture complicated by Cardiogenic Shock with Successful Acute Unloading of the LV followed by Complete Revascularization
Presenting Author: Vishal Dahya

Presenting Author: Yashwant Agarwal

9:15 AM TCT 1232: Dismantling of Partially Covered Magnesium Biodegradable Scaffold Assessed with Optical Coherence Tomography
Presenting Author: Christian Oliver Fallesen

9:15 AM TCT 1233: OCT and IVUS guided treatment of restenosis in a new generation magnesium based biodegradable scaffold due to significant collapse
Presenting Author: Hongbo Yang

9:15 AM TCT 1234: Treatment of long tapering LAD lesion with a distal tapering and another proximal scaffold with inadvertent overlap
Presenting Author: Vijayakumar Subban

9:15 AM - 10:45 AM
Endovascular III

Presenting Author: Marcelo Bastos

9:15 AM TCT 1223: IMPELLA CP AS A BRIDGE TO SURGERY FOR ANTERIOR POST ISCHEMIC SEPTAL RUPTURE
Presenting Author: Marco Moccetti

9:15 AM TCT 1224: A Case of Acute Renal Failure with Hemolysis Caused by Impella
Presenting Author: Masao Takigami

9:15 AM TCT 1225: The Interventional therapy of post infarction ventricular septal defect with cardiogenic shock
Presenting Author: Minglian Gong

9:15 AM TCT 1226: Cardiogenic Shock Complicated by Diffuse Alveolar Hemorrhage DAH: Simultaneous use of an Impella CP and Veno Venous ECMO in a case of NSTEMI Elevation Myocardial Infarction STEMI requiring Plasminogen Activator tPA
Presenting Author: Navneet Sharma

9:15 AM TCT 1227: A Case of Immune Checkpoint Inhibitor related Fulminant Myocarditis with Cancer
Presenting Author: Satoshi Matsuoka

9:15 AM TCT 1228: The Case of the Migrating Axillary Balloon Pump.
Presenting Author: Stephanie El-Hajj

9:15 AM TCT 1229: Management of Refractory Cardiac Arrests with Venous Extra Corporeal Membranous Oxygenation VA ECMO and Left Ventricular Venting Enabling Complex Percutaneous Coronary Interventions
Presenting Author: Talha Ahmed

9:15 AM TCT 1230: Transgender Patient Receiving Cross Sex Hormone Therapy presenting as Simultaneous LM and RCA Plaque Rupture complicated by Cardiogenic Shock with Successful Acute Unloading of the LV followed by Complete Revascularization
Presenting Author: Vishal Dahya

Presenting Author: Yashwant Agarwal

9:15 AM TCT 1232: Dismantling of Partially Covered Magnesium Biodegradable Scaffold Assessed with Optical Coherence Tomography
Presenting Author: Christian Oliver Fallesen

9:15 AM TCT 1233: OCT and IVUS guided treatment of restenosis in a new generation magnesium based biodegradable scaffold due to significant collapse
Presenting Author: Hongbo Yang

9:15 AM TCT 1234: Treatment of long tapering LAD lesion with a distal tapering and another proximal scaffold with inadvertent overlap
Presenting Author: Vijayakumar Subban
9:15 AM  TCT 1235: A case of refractory right heart failure due to traumatic rig  Presenting Author: Chakradhar Pedada

9:15 AM  TCT 1236: Rescue Intervention in Acute Complicated Type B Aortic Dissection  Presenting Author: Chih Hung Lai

9:15 AM  TCT 1237: Pedal arch reconstruction in a patient with a poorly healing surgical wound following trans metatarsal amputation.  Presenting Author: Christopher Regan

9:15 AM  TCT 1238: A case of VIABAHN VBX subacute occlusion implanted for in stent occlusion of Leriche syndrome with severe calcification.  Presenting Author: Fujimoto Daichi

9:15 AM  TCT 1239: PTA of popliteal artery through Fem Pop bypass  Presenting Author: Dejan Mancevski

9:15 AM  TCT 1240: Initial experience of Removing Calcified Plaque by Intentional Crosser Bias Control with Angled Support Catheter REIWA Technique  Presenting Author: GO TAKENOUCHI

9:15 AM  TCT 1241: Dislodged renal stent retrieved and deployed in good position.  Presenting Author: Hady Lichaa

9:15 AM  TCT 1242: Cutted Coronary Balloon Embolisation Novel Technique for Right Hepatic Artery Rupture Bleeding  Presenting Author: Harun Kilic

9:15 AM  TCT 1243: A unique and challenging May Thurner Syndrome Like case  Presenting Author: Juan Manuel Telayna

9:15 AM  TCT 1244: Successful Catheter Intervention for Active Bleeding from Giant Multiple Renal Artery Aneurysms.  Presenting Author: Kota Komiyama

9:15 AM  TCT 1245: Successful Endovascular Therapy for Acute Limb Ischemia Utilizing Proximal Protection Catheter via Popliteal Retrograde Approach  Presenting Author: KOTARO MIYASHITA

9:15 AM - 10:45 AM Endovascular IV
Discussant: Christopher J. Cooper, Beau Hawkins, Michel Camille Henry, J. Stephen Jenkins, Schuyler Jones, Zaza Kavteladze, Lee Kirksey, Charles Matouk, Matthew T. Menard

9:15 AM  TCT 1246: Endovascular Treatment of Chronic Total Occlusion of Left Subclavian Artery Tips and Tricks  Presenting Author: Kusum Lata

9:15 AM  TCT 1247: A New Approach to Management of Superficial Femoral Artery CTO: A Novel Hybrid Score and Algorithm  Presenting Author: Lual Tabaza

9:15 AM  TCT 1248: COMPLEX BELOW THE KNEE VASCULAR INJURY: TRANSCOLATERAL EXCLUSION OF A GIANT PSEUDOANEURYSM AND REVASCULARIZATION WITH CORONARY TECHNIQUE  Presenting Author: Maria Rosa Aymat

9:15 AM  TCT 1249: Proximal balloon occlusion to prevent downstream embolization and thus reduce systemic adverse effects of drug coated balloons  Presenting Author: Masayoshi Kimura

9:15 AM  TCT 1250: Case of Renal Artery Stent Thrombosis  Presenting Author: Matthew Finn

9:15 AM  TCT 1251: Double Barreled Iliac Artery Stenting Using Bilateral Radial Artery Access  Presenting Author: Mike Gorenstein

9:15 AM  TCT 1252: Iliac Vein Chronic Total Occlusion Percutaneous Management  Presenting Author: Nayan Agarwal

9:15 AM  TCT 1253: Percutaneous Transluminal Intervetion for Treatment of Critical Hand Ischemia  Presenting Author: Onur Erdogan

9:15 AM  TCT 1254: Percutaneous use of the INARI ClotTriever thrombectomy device with veoplasty and stenting as a management strategy for iatrogenic obstructive Deep Venous Thrombosis.  Presenting Author: Osama Abdel-Hafez

9:15 AM  TCT 1255: PICKING Technique as Lithotripsy for Multiple Extremely Calified Lesions in the Cural Artery  Presenting Author: Osami Kawarada

9:15 AM  TCT 1256: Is the qualification for limb amputation always final  Presenting Author: Przemek Nowakowski

9:15 AM  TCT 1257: Endovascular Management of a Large Common Carotid Artery Iatrogenic Pseudoaneurysm  Presenting Author: Sameer Nagpal

9:15 AM - 10:45 AM Structural V

9:15 AM  TCT 1258: First experience using a Minimalist Approach to Transcatheter Mitral Valve Replacement with Intracardiac Echocardiography  Presenting Author: Abdullah Sarkar

9:15 AM  TCT 1259: Percutaneous transluminal mitral Valvuloplasty in Giant Left atrium. Patient presented with severe mitral stenosis and repeated episodes of pulmonary edema. Conventional entry from left atrium to left ventricle was not possible despite repeated attempts. Reverse loop also failed.  Presenting Author: ANIL KUMAR

9:15 AM  TCT 1260: MitraClip Implantation to Treat Postoperative Systolic Anterior Motion after Surgical Mitral Valve Repair for Barlow Disease  Presenting Author: Apurva Patel

9:15 AM  TCT 1261: A Tragic End or an Expected Destiny A rare case of a Flash Pulmonary Edema due to Sewing Ring Dehiscence of Bio Prosthetic Mitral Valve  Presenting Author: Bader Abu Ghalyoun


9:15 AM  TCT 1263: Prophylactic Left Ventricular Outflow Tract Septal Ablation Prior to Transcatheter Mitral Valve Replacement Using an Edwards 3 Sapien Heart Valve
TCT 1264: Closure of perivalvular leaks after transapical mitral valve in valve replacement.
Presenting Author: Kunal Jha

TCT 1265: Acute mitral regurgitation complicated with cardiogenic shock and treated successfully with double mitractip implantation
Presenting Author: Luigi Salemme

TCT 1266: Transcatheter mitral valve implantation in mitral annular calcification after transcatheter aortic valve implantation
Presenting Author: Mani Arsalan

TCT 1267: MitraClip XTR implantation in a patient with subaortic membrane and severe mitral regurgitation
Presenting Author: Mehul Patel

TCT 1268: Transcatheter mitral valve repair in congenitally corrected transposition of the great arteries
Presenting Author: Mizuki Miura

TCT 1269: Early valve thrombosis after mitral valve in valve procedure.
Presenting Author: Nadim Geloo

TCT 1270: Double Valve: Transapical TAVR and Mitral Valve in Valve in a Patient with HIT Using Bivavudin
Presenting Author: Nicholas J. Ruggiera II, M.D., FACP, FACC, FSCAI, FSVM, FCPP

TCT 1271: Percutaneous transvenous mitral commissurotomy in ECMO patient the bail out techniqueforunussuallife threatening acute mitral valve bioprosthesist failure.
Presenting Author: Petr Zdráhal

TCT 1272: PERCUTANEOUS TRANVENOUS MITRAL COMMISSUROTOMY IN A TUBULAR HEART
Presenting Author: Preeti gupta

TCT 1273: Mitral Valve in Valve: A Challenging Case of TAVR
Presenting Author: Ravinder Singh Rao

TCT 1274: Transcatheter Mitral Valve Replacementwith the AltaValve:Description of the first case in the United States
Presenting Author: Sachin Goel

TCT 1275: Carillon implantation in a heart not suitable for surgical annular reduction with coronary compromise during implantation
Presenting Author: Steven Goldberg

TCT 1276: Sequential Valve in Valve Transcatheter Aortic Valve Replacement amp Valve in Valve Transcatheter Mitral Valve Replacement in a Patient with Combined Degenerative Bioprosthetic Aortic Valve amp Bioprosthetic Mitral Valve with High Surgical Risk
Presenting Author: Timothy Pow

TCT 1277: COMBO mitral valve repair using indirect ring annuloplasty and edge to edge leaflet therapy to treat severe secondary mitral regurgitation: new possibilities in transcatheter mitral therapy.

TCT 1278: Severe mitral regurgitation presented at mid term follow up after transcatheter mitral valve implantation in the position of a degenerated mitral ring
Presenting Author: Vassilis Voudris

TCT 1279: Transcatheter transeptal Mitral Valve in Valve Replacement and iatrogenic atrial septal defectclosure in an unstable patient
Presenting Author: William Kong

CHALLENGING CASES 4

Structural: ValveCoronary: CHIPVascularStructural: Non-Valve

FRIDAY, SEPTEMBER 27, 2019
2:00 AM - 3:30 AM
Hall D, Exhibition Level, Moscone South

TCT 1280: LM Trifurcation treated as Two sequential Bifurcations using two different stent techniques under IVUS guidance
Presenting Author: dr parminder otal

TCT 1281: Treating a Post CABG amp Post PCI patient with very complex anatomy
Presenting Author: Fazila-Tun-Nesa Malik

TCT 1282: Retrograde PCI of an ostial LAD CTO through a stent implanted from left main to circumflex: rendez vous and chasing wire techniques
Presenting Author: Felipe Hernandez

TCT 1283: Mini Crush Technique Using A Guideliner A Heavily Calcific LAD Diagonal Bifurcation Lesion
Presenting Author: Emad Effat

TCT 1284: Peri procedural PCI risk optimization in patient with multivessel calcified lesions and severe left ventricole function reduction
Presenting Author: Enrico Romagnoli

TCT 1285: Recanalization of ostial RCA CTO with retrograde approach by tortuous epicardial collaterals with MCS.
Presenting Author: Evandro Martins Filho

TCT 1286: Mirror mirror on the wall Trans radial multi vessel PCI to RCA OM amp CTO LAD in dextrocardia
Presenting Author: Aaysha Cader

TCT 1287: Double DoubleKiss Crush: A newer technique for sequential bifurcation lesions
Presenting Author: Fahad Younas

TCT 1288: Complex CTO PCI resolved by multiple new technologies of wichdirect wireaping device.
2:00 PM - 3:30 PM  
**Coronary XIV**


**TCT 1295:** Percutaneous Intervention of Double Chronic Total Occlusions of the Left Circumflex and Right Coronary Arteries Using Antegrade and Retrograde Approach  
Presenting Author: Chinmaya Mareddy

**TCT 1296:** REWIPE Retrograde Wiring Into Antegrade Penetration Catheter technique for long RCA CTO lesion with ambiguous proximal cap and bifurcation distal cap  
Presenting Author: Chun Hung Su

**TCT 1297:** Overcoming deficiencies in 2 stent LMS bifurcation with optimum lesion preparation with rota shock technique  
Presenting Author: Claire Raphael

**TCT 1298:** Super balloon anchoring technique to facilitate guide extension catheter advancement  
Presenting Author: Daria Feshenko

**TCT 1299:** Chain reaction - Endless nightmares  
Presenting Author: Dhiman Banik

**TCT 1300:** No decent native vessels poor lv in acute coronary syndrome presented as pulmonary oedema  
Presenting Author: Dimitris Tsiakadis

**TCT 1301:** Retrograde coronary intervention for chronic total occlusion via a Single distal radial artery  
Presenting Author: Do hoii Kim

**TCT 1302:** Antegrade PCI for left main ostial CTO  
Presenting Author: Dong-Kiee Kim

**TCT 1303:** LM anomalous left main with 100 cardiogenic shock with CPR and Impella support she was with successful recovery and discharge home 2 8 year old transplant o left main with 90 3 14 year old male had cardiac arrest resuscitate have 90 left main hadLDL 450 xantoma and cholesterolomas

**Coronary XV**

**Discussant:** Peter Boekstegers, Leszek Bryniarski, Maurice Buchbinder, Debabrata Dash, Rajesh M. Dave, Larry S. Dean, Ranil De Silva, Walter Desmet, Suzanne de Thiele, Jose Guillermo Diez, John S. Douglas Jr, Ariel Duran, Ahmed Elghamaz, Mohamed Ali Elsalamony, Omer Goktekin, Dean J. Kereiakes

**TCT 1304:** Acute Right Coronary Artery Thrombosis Precipitating Severe Left Main Territory Ischemia  
Presenting Author: Jignesh Patel

**TCT 1305:** Calcium the enemy of PCI in elderly ACS patients  
Presenting Author: Johann Auer

**TCT 1306:** GIANT CORONARY ARTERY ANEURYSM AS A CAUSE OF ACUTE MYOCARDIAL INFARCTION HOW TO TREAT.  
Presenting Author: eduardo bravo

**TCT 1307:** Ectatic RCA treated by Stentys Self Apposing stent in the setting of ACS  
Presenting Author: Mohammed Balinghth

**TCT 1308:** A Challenging Case Of Spontaneous Coronary Artery Dissection In A Male With Unstable Angina  
Presenting Author: Prashanth Panduranga

**TCT 1309:** A case of Rotational Atherectomy during Primary Angioplasty  
Presenting Author: PRAVEEN PAI

**TCT 1310:** A HIDDEN OSTIAL LEFT MAIN IN A PATIENT WITH RECURRENT LVF  
Presenting Author: Puneet Gupta

**TCT 1311:** Thrombus storm in leftmainbifurcation the nightmare is happening what should we do next  
Presenting Author: QUAN NGUYEN MANH

**TCT 1312:** Acute Coronary Syndrome in an Elderly Male Patient with Isolated Large Left Ventricular Hydatid Cyst Treated by PCI  
Presenting Author: Raghuram Palaparti

**TCT 1313:** FAILED CONSERVATIVE TREATMENT OF SPONTANEOUS CORONARY ARTERY DISSECTION  
Presenting Author: Robert-Jan Van Geuns

**TCT 1314:** Change of Bifurcation Strategy for a patient with unstable angina from V Stenting to mini crush.  
Presenting Author: Rohit Mody

**TCT 1315:** PHARMACOINVASIVE APPROACH IN ACS WITH ACUTE THROMBOTIC OCCLUSION OF SVG LAD GRAFT A TOUGH ENEMY TO CONQUER  
Presenting Author: Rutvik Trivedi

**TCT 1316:** Acute Inferior STEMI with Cardiogenic Shock A new management algorithm  
Presenting Author: Sanjeev Kumar Agarwal

**TCT 1317:** Hyperkalemia The great mimicrer.  
Presenting Author: Sarfaraz Memon

**TCT 1318:** PCI amp Stenting of LCA originating from Non Coronary Sinus  
Presenting Author: Saurabh Mehrotra

**TCT 1319:** Still inotrops and vassopressors can provide adequate hemodynamic support in high risk patients presenting with ACS tight left maincardiacogenic shock.
2:00 PM  
**TCT 1320: RE Do PCI in ACS due to intracoronary hematoma**  
Presenting Author: Stefan Mot

2:00 PM  
**TCT 1321: Bifurcation PCI in Acute Coronary Syndrome a challenge for interventionalist**  
Presenting Author: sunderender deora

2:00 PM  
**TCT 1322: Acute Non Dominant Right Coronary Artery Occlusion Presented as Anterior ST Elevation Myocardial Infarction**  
Presenting Author: Tanawan Riangwiwat

2:00 PM  
**TCT 1323: A rare case of profound isolated thrombocytopenia early after complex PCI on right and left main coronary artery.**  
Presenting Author: Tania Concetta Silvestri

2:00 PM  
**TCT 1324: Retrieval of two dislodged coronary stents from the ascending aorta with a snare loop**  
Presenting Author: MARIA-ERATO ZYMATOURA

2:00 PM - 3:30 PM  
**Coronary XVI**


2:00 PM  
**TCT 1325: case presentationDislodged Stent during bifurcation coronary stenting**  
Presenting Author: ahmed abdallah

2:00 PM  
**TCT 1326: AV fistula and early arterIALIZATION of the vein after a radial approach PCI**  
Presenting Author: Ali Elsharkawi

2:00 PM  
**TCT 1327: Post Myocardial Infarction Ventricular Septal Defect Closure**  
Presenting Author: ali Farooq

2:00 PM  
**TCT 1328: When things are not what they seem: Stent assisted coil embolization of an ostial proximal LAD coronary artery aneurysm with subsequent total occlusion of a tortuous ostial LCX after coil herniation**  
Presenting Author: Andre Lawrence Tojino

2:00 PM  
**TCT 1329: Management of calcified coronary perforation after LM Bifurcation PCI with Rota ablation**  
Presenting Author: Ankush Gupta

2:00 PM  
**TCT 1330: Emergent Distal Vessel Re entry Technique for Iatrogenic Coronary Artery Dissection**  
Presenting Author: Anthony Ea

2:00 PM  
**TCT 1331: Broken Undeletable and Stuck Stent Balloon**  
Presenting Author: ASHISH JHA

2:00 PM  
**TCT 1332: CASE WE NEARLY LOST SAVED BY STENT ABLATION**  
Presenting Author: ASHISH SINGHAL

2:00 PM  
**TCT 1333: The bifurcation that I will never forget**  
Presenting Author: Azzouz Abdelmalek

2:00 PM  
**TCT 1334: Learning Points of a Retrograde Percutaneous Coronary Intervention of a Chronic Total Occlusion with a Life Threatening Complication**  
Presenting Author: Judit Karacsonyi

2:00 PM  
**TCT 1335: Hanging by a Thread Successful Retrieval of a Completely Fractured Coronary Wire**  
Presenting Author: Kartik Kumar

2:00 PM  
**TCT 1336: Double Guiding Management for Coronary Perforation**  
Presenting Author: Kazumasa Fujita

2:00 PM  
**TCT 1337: How to Retrieve an Undeletable 5.0mm Balloon in the Left Main by Transradial Access Site: a Simple yet Effective Technique.**  
Presenting Author: Kenneth De Wilder

2:00 PM  
**TCT 1338: SANDWICH STENT AS AN ALTERNATIVE TO COVERED STENT**  
Presenting Author: Keshavamoorthy Bhoopalan

2:00 PM  
**TCT 1339: Radial First ..... Think Twice**  
Presenting Author: Khaled Mansour

2:00 PM - 3:30 PM  
**Coronary XVII**

Discusssant: Peter Barlis, Pravin K. Gaol, Jincheng Guo, Colm Hanratty, Stefan Harb, Jose P.S. Henriques, Yutaka Hikichi, Jingbo Hou, Angela Hoye, Rongchong Huang, Thomas A. Ishinger, Dipti Itchhaporia, Adam Janas, Jun Jiang, Aaron V. Kaplan, Yoshiaiki Kawase, David F. Kong, Bernardo Kremer Diniz Gonçalves, Joo Myung Lee

2:00 PM  
**TCT 1340: Successful Management Of Dislodged Stent In Distal Left Main**  
Presenting Author: Khatira Zaheen

2:00 PM  
**TCT 1341: A casewih Kounis syndrome after Optical Coherence Tomography OCT with Dextran**  
Presenting Author: Kotaro Kagiyama

2:00 PM  
**TCT 1342: Dislodged Left Main Coronary Artery Stent into Left Deep Femoral Artery**  
Presenting Author: Kulin Shah

2:00 PM  
**TCT 1343: Predicted Coronary Occlusion and ImpellaBailout in Valve In Valve Transcatheter Aortic Valve Replacement: The Importance of OptimalProcedure Planning**  
Presenting Author: Luis Dallan

2:00 PM  
**TCT 1344: Successful use of ECMO CPR during PCI complicatedwith peri procedural dissection and heart arrest**  
Presenting Author: Luka Lipar

2:00 PM  
**TCT 1345: Acute in underexpanded stent thrombosis resulted in STEMI treated successfully with in stentrotablation**  
Presenting Author: Lukasz Tekieli

2:00 PM  
**TCT 1346: Delayed Consequences of Coronary Dissection Identified by OCT with IVUS Guided Management**  
Presenting Author: Luke Peters

2:00 PM  
**TCT 1347: An odd appearance in the middle of an ultra thin strut stent soon after deployment What is it and how do we manage**  
Presenting Author: Baskar Sekar

2:00 PM  
**TCT 1348: Exercise induced coronary spasm after everolimus eluting stent implantation**  
Presenting Author: Kais OUERGHI

2:00 PM  
**TCT 1349: LMS Left Main Stem bifurcation angioplasty memorable case**  
Presenting Author: Kumail Khan

2:00 PM  
**TCT 1350: Everolimus eluting Stent causing coronary artery aneurysm in 7 days 3D OCT findings and management**
Akhilesh K. Sista
Mahmood K. Razavi, Umar Sadat, Darren B. Schneider, Kazuo Hiramori, Matthew Koch, Sanjiv Lakhanpal, Jun Nakazato, Alexander Nikanorov, Endovascular V
2:00 PM

2:00 PM - 3:30 PM
Endovascular V

2:00 PM
TCT 1355: Transfemoral Transcatheter Aortic Valve Replacement in High Risk Tortuous Aorta
Presenting Author: Jian Liang Tan

2:00 PM
TCT 1356: Staged Hybrid Transcatheter Thoracic Endovascular Aortic Repair TEVAR with Total Debranching of Supra aortic Trunks.
Presenting Author: Jonal Lucero

2:00 PM
TCT 1357: ENDOVASCULAR TREATMENT OF A CHRONIC OCCLUDED ABDOMINAL AORTA
Presenting Author: Jorge Bluguermann

2:00 PM
TCT 1358: A case of humongous Thoracic Aortic Aneurysm with chest wall Erosion and Impending Rupture managed successfully by Thoracic Endo Vascular Aneurysm Repair
Presenting Author: KESHAVAMURTHY G

2:00 PM
TCT 1359: Successful Percutaneous Trapping of an Anomalous Splenic Artery Aneurysm
Presenting Author: KUNAL MAHAJAN

2:00 PM
TCT 1360: Third Time is The Charm
Presenting Author: Maryna Popp

2:00 PM
TCT 1361: Bad Luck Comes in Threes. TAVI complicated by aortic dissection complete heart block and anterior myocardial infarct. A Case Report.
Presenting Author: Mena Salib

2:00 PM
TCT 1362: Pt presents with ascending aortic pseudoaneurysm between the origins of 2 SVG supplying the D and LCx both native CTO. Staged procedure. CTO recannalization of D and Lcx then ascending TEVAR covering SVGs with retrograde coiling of endoleak from SVG to OM
Presenting Author: Michael Rinaldi

2:00 PM
TCT 1363: Percutaneous closure of multiple subannular PA of aortic root following surgical aortic valve replacement
Presenting Author: Oleg Krestyaninov

2:00 PM
TCT 1364: TRAUMATIC FISTULA BETWEEN THE INNOMINATED VEIN AND THE AORTIC ARCH.NOT EVERYTHING IS CORONARY

2:00 PM - 3:30 PM
Endovascular VI

2:00 PM
TCT 1365: Fully percutaneous aneurysm sac embolization in type IB endoleak
Presenting Author: RAMON RAMIREZ KOELLIKER

2:00 PM
TCT 1366: Correction of a Malpositioned Self Expanding Transcatheter Aortic Valve Replacement Using Snare Manoeuvre.
Presenting Author: uday ponangi

2:00 PM
TCT 1367: The Dynamic Evolution of Aortic Intramural Haematoma
Presenting Author: XUN YUAN

2:00 PM
TCT 1368: Endovascular coil embolization treatment of a right coronary artery giant aneurysm
Presenting Author: Yoshih Kazuno

2:00 PM
TCT 1369: Challenging renal artery intervention perforation and timely escape
Presenting Author: Alok K. Ranjan

2:00 PM
TCT 1370: Never ending nightmare at femoral access site
Presenting Author: Bhuyan Chandra Tiwari

2:00 PM
TCT 1371: Unexpected use of Proglide in Aortic Arch
Presenting Author: Daniela Benedetto

2:00 PM
TCT 1372: Inadvertent large sheath deep in the proximal common carotid artery Successful removal using Proglide Closure Device
Presenting Author: Dimitrios Nikas

2:00 PM
TCT 1373: A Novel Subcutaneous Fat Tissue Embolisation Technique for Renal Hemorrhage Complications
Presenting Author: ERHAN TENEKECIOGLU

2:00 PM
TCT 1374: An unusual treatment of peripheral stent dislodgement
Presenting Author: Serkan Kahraman

2:00 PM
TCT 1375: Iatrogenic Radial Artery Perforation in Coronary Intervention
Presenting Author: Holly Morgan

2:00 PM
TCT 1376: Blood Thrombin Patch Repair of Ruptured Femoral Artery Pseudo Aneurysm
Presenting Author: Madhu K. Sreedharan

2:00 PM
TCT 1377: A simple thing can save the life
Presenting Author: Fazila-Tun-Nesa Malik

2:00 PM
TCT 1378: the extraction of the Pecemaker Lead Entrapped by a Eustachian valve
Presenting Author: Noriyuki Kawaura

2:00 PM
TCT 1379: Traumatic aorto atrial fistula due to peripheral stent migration.
Presenting Author: Sunal Pruthi

2:00 PM
TCT 1380: Bail out from brow out perforation in SFA without stentgraft
2:00 PM - 3:30 PM  
Endovascular VII

2:00 PM  
TCT 1381: Temporary PM Implantation in Complete Atioventricular Block That Led To Endotracheal Intubation  
Presenting Author: Yuji Yamashita

2:00 PM  
TCT 1382: A long journey to save critical limb ischemia of right foot: Endovascular revascularization of both iliac right superficial femoral and anterior tibial arteries  
Presenting Author: Taek-Geun Kwon

2:00 PM  
TCT 1383: A case report of pulmonary vein intervention for pulmonary vein stenosis after radiofrequency ablation for atrial fibrillation.  
Presenting Author: TATSUNORI IKEDA

2:00 PM  
TCT 1384: Three cases of May Thurner syndrome successfully treated by intravascular ultrasound IVUS guided balloon angioplasty and catheter directed thrombolysis through the popliteal vein.  
Presenting Author: Tsubasa NODA

2:00 PM  
TCT 1385: Catheter directed thrombolysis for management of lower extremity acute limb ischemia four days after intracranial hemorrhage  
Presenting Author: Valentina Jaramillo

2:00 PM  
TCT 1386: Sirolimus Eluting BioResorbable Peripheral Scaffold System in Patient With Chronic Kidney Disease and Hypertension  
Presenting Author: Vimal Someshwar

2:00 PM  
TCT 1387: Phlegmasia Cerulea Dolens Secondary to May Turner Syndrome  
Presenting Author: Wai Kin Chi

2:00 PM  
TCT 1388: Successful catheter directed thrombolysis of massive bilateral upper extremity DVT presenting as SVC syndrome  
Presenting Author: Dominika Zoltowska

2:00 PM  
TCT 1389: A case with Leriche syndrome popliteal artery occlusion and chronic venous ulcers Which lesions and when should we treat  
Presenting Author: Yuki Matsubara

2:00 PM  
TCT 1390: CLI after Femoropopliteal Bypass: Endovascular Approach  
Presenting Author: Yulanka Castro-Dominguez

2:00 PM - 3:30 PM  
Coronary XIX
Discussant: Rabin dra Nath Chakraborty, Jeff Chambers, Kam-Tim Chan, Aakriti Gupta, Martin Hudec, Yuetsu Kikuta, Michael C. C. Kim, Spencer B. King III, Lloyd W. Klein, Sampath Kumar, Amir Lotfi, Matthias Lutz, Nish Patel

2:00 PM  
TCT 1391: The tell tale heart: invasive coronary angiography on normothermic ex vivo perfusion  
Presenting Author: Pankaj Jain

2:00 PM  
TCT 1392: An Unusual case of Severe LVSD Secondary to Spontaneous Dissection in both LAD and RCA in a 29 year old man detected due to CKD  
Presenting Author: Praveen Sadarmin

2:00 PM  
TCT 1393: Snowman has come  
Presenting Author: Koki Sagane

2:00 PM  
TCT 1394: Importance of Integrating Coronary Anatomy and Physiology  
Presenting Author: Ahmed El Amrawy

2:00 PM  
TCT 1395: The dPRFR evaluation case for the Coronary artery Pulmonary artery fistula CAPA fistula who had been suspected as STEMI at first.  
Presenting Author: Kyojinsuke Furusashi

2:00 PM  
TCT 1396: A Novel Assessment of ischia with Anomalous Coronary Arteries  
Presenting Author: Len McCray

2:00 PM  
TCT 1397: Use of intracoronary electrocardiogram for identification of the culprit artery in asymptomatic myocardial infarction  
Presenting Author: MASAFUMI NAKAYAMA

2:00 PM - 3:30 PM  
Structural VII
Discussant: John P. Breinholt, Ralph G. Brindis, Quang T. Bui, Eduardo De Marchena, Robbert J. De Winter, Cameron Dowling, Makram R. Ebeid, Marvin H. Eng, Francisco Fernandez-Avilés, Craig E. Fleishman, Jason Foerst, Christian Frerker

2:00 PM  
TCT 1398: Alcohol Ablation of Extra cardiac Thoracic Tumor  
Presenting Author: Nikoloz Shekiladze

2:00 PM  
TCT 1399: Novel Vascular Access for Percutaneous Transluminal Septal Myocardial Ablation: Case report of TwoPatients with Drug refractory Hypertrophic Obstructive CardiomyopathyTreated Through Bilateral Distal Radial Artery  
Presenting Author: Yukio Mizuguchi

2:00 PM  
TCT 1400: Surgical Explant of TAVR Valves  
Presenting Author: James Edelman

2:00 PM  
TCT 1401: Redo Mitral Valve Surgery after Transcatheter Mitral Valve Replacement for Infective Endocarditis  
Presenting Author: Philipp Kiefer

2:00 PM  
TCT 1402: Third Times the Challenge: Transcatheter mitral valve in valve implantation valve after bioprosthetic mitral valve deterioration  
Presenting Author: Pouyan Arman

2:00 PM  
TCT 1403: CoreValve compression due to exterme Aortic Valve Calcification  
Presenting Author: John Ko

2:00 PM  
TCT 1404: How to cross the valve with Evolut Rwhen the aortic to Prosthetic valve angle is prohibitive and all conventional tricks failed  
Presenting Author: Edo Kaluski

2:00 PM  
TCT 1405: Simultaneous High Risk Multi Vessel Percutaneous Coronary Intervention and Per Axillary Transcatheter Aortic Valve Implantation: Its All About Planning  
Presenting Author: Abdalla Hassan

2:00 PM  
TCT 1406: Balloon Valve Expansion for the Treatment of Paravalvular Regurgitation  
Presenting Author: Adib Chaus

2:00 PM  
TCT 1407: Uncomplicated Balloon Aortic Valvuloplasty in a Patient with Severe Aortic Stenosis and Left Ventricular Thrombus Using Cerebral Embolic Protection Devices  
Presenting Author: Takuma Tsuda
2:00 PM  TCT 1408: Percutaneous closure of Aorto Right Ventricular Fistula and Paravalvular leak after Transcatheter Aortic Valve Implantation  
Presenting Author: Ahmed Nababdy

2:00 PM  TCT 1409: A tailored approach to Valve in Valve.  
Presenting Author: Alessandra Laricchia

POSTERS ABSTRACTS II

Coronary: CHIP  Coronary: Core  Structural: Valve

FRIDAY, SEPTEMBER 27, 2019
9:15 AM - 10:45 AM
Hall D, Exhibition Level, Moscone South

9:15 AM  TCT 924: Abbreviation of Eptifibatide Therapy Improves Safety in STEMI Patients Undergoing Primary Percutaneous Coronary Intervention  
Presenting Author: Florian Fischer

Presenting Author: Bartlomiej Gora

9:15 AM  TCT 926: Association Between Renal Function Impairment and Multivessel Involvement in Patients With Acute ST Elevation Myocardial Infarction  
Presenting Author: How-Ran Guo

9:15 AM  TCT 927: Association Between Duration of Beta blocker Therapy and Clinical Outcomes in Acute Myocardial Infarction Patients Without Heart Failure  
Presenting Author: Joo-Yong Hahn

9:15 AM  TCT 928: The Relationship between Culprit Lesions Morphology and Low Density Lipoprotein Cholesterol Levels in the Very Elderly Patients with ST Segment Elevation Myocardial Infarction  
Presenting Author: Yoshikuni Kobayashi

9:15 AM  TCT 929: Aborted myocardial Infarction in patients with STEMI treated Percutaneous Coronary Interventions  
Presenting Author: Lukasz Konarski

9:15 AM - 10:45 AM
Coronary IX
Discussant: Nabil Farag, Anton Farkas, Marc D. Feldman, Hans R. Figulla, Joo Myung Lee, Edward J. McNulty, Toshiya Muramatsu

9:15 AM  TCT 930: Role of simultaneous positron emission tomography magnetic resonance imaging to detect viable myocardium after acute myocardial infarction  
Presenting Author: Jung-Hee Lee

9:15 AM  TCT 931: Non ST Elevation Myocardial Infarction in Hospitalized Patients With Atrial Fibrillation  
Presenting Author: Pengyang Li

9:15 AM  TCT 932: Recognized Sleep Apnea Patients Have Lower Hospital Mortality When Admitted For Acute Myocardial Infarction Compared To Patients Without Sleep Apnea Across US Hospitals
TCT 933: Impact of Extremely Low Wall Shear Stress in Coronary Aneurysm in Patients With ST Segment Elevation Myocardial Infarction in Comparison With Normal Coronary Arteries
Presenting Author: Yasuke Miyazaki

TCT 934: Advanced Age and Myocardial Injury in ST segment Elevation Myocardial Infarction: a Cardiac Magnetic Resonance Imaging Study
Presenting Author: Ik Hyun Park

TCT 935: Intracoronary Tirofiban Delivered by Controlled Flow Infusion: Marked Reduction of Microvascular Obstruction in a Porcine STEMI Model
Presenting Author: Robert S. Schwartz

9:15 AM - 10:45 AM
Coronary X
Discussant: Christoph Dietrich Garlisch, Jorge Gaspar, Robert J. Gil, Jun Jiang, Yader Sandoval, Ricardo Sanz-Ruiz

TCT 936: MOCA I Study Microvascular obstruction treatment efficacy measured using dynamic Microvascular Resistance dMVR
Presenting Author: Marco Valgimigli

TCT 937: Temporal pattern of neutrophil to lymphocyte ratio in patients with ST elevation myocardial infarction undergoing primary percutaneous coronary intervention
Presenting Author: Marco V. Wainstein

TCT 938: Cut the Crap Calcium: We have the app An Education Mobile Application to Learn Tactics of Dealing with Calcified and Undilatable Lesions.
Presenting Author: Samit Bhatheja

TCT 939: Mesh Covered Stent Versus DES Implantation in Diseased Saphenous Vein Graft: Comparative Analysis of Short Term Complications
Presenting Author: Carlos Cafri

TCT 940: Relative impact of clinical and procedural characteristics on clinical outcomes after Percutaneous Coronary Intervention.
Presenting Author: Jeehoon Kang

TCT 941: MAPT Mono Antiplatelet Therapy as regular regimen after Cobra PzF NanoCoated Coronary Stent NCS implantation
Presenting Author: Luc Maillard

9:15 AM - 10:45 AM
Coronary XI
Discussant: Diego D. Grinfeld, Aakriti Gupta, Thomas A. Ischinger, Neal S. Kleiman, Hitotaka Nishina, Ramesh Singh

TCT 942: Early procedural results and outcomes after chronic total occlusion angioplasty: experience of a treatment program
Presenting Author: Vera Marinho

TCT 943: Short term clinical outcomes of percutaneous coronary intervention of unprotected left main coronary disease in cardiogenic shock
Presenting Author: Hernan Mejia-Renteria

TCT 944: Excimer Laser Coronary Angioplasty for Stent Underexpansion: Single Center Experience and Outcomes
Presenting Author: John Nan

Presenting Author: Mohammad Waqar Liaqat

Coronary XII
Discussant: Lloyd W. Klein, Shahar Lavi, Abdullah Al Shafi Majumder, Carlos E. Uribe, Zhao Wang, Jennifer Yu

TCT 948: Treatment of Very Small De Novo Coronary Artery Disease With 2.25 mm Novel Sirolimus Eluting Stent with fusion coating technology
Presenting Author: Luca Testa

TCT 949: Causes and predictors of 6 month readmission rate after drug eluting stent in the contemporary era A nationwide analysis
Presenting Author: Syed Zaid

TCT 950: Efficacy and Safety of the Bioabsorbable Polymer coated Everolimus eluting coronary stents in Routine Clinical Practice: Data from the IRIS DES Registry
Presenting Author: Yujin Yang

TCT 968: Cancer diagnosis in patients undergoing percutaneous coronary intervention
Presenting Author: KENJI KANENAWA

TCT 969: Prediction Model for Clinically Relevant Diagonal Branches Based on Anatomical Attributes
Presenting Author: Seokhun Yang

TCT 970: Factors Affecting Serum Midkine as an Early Predictor of Contrast Induced Acute Kidney Injury in Acute Coronary Syndrome Patients Undergoing Percutaneous Coronary Interventions
Presenting Author: Mohamed Ahmed

TCT 971: Zero Contrast Percutaneous Coronary Interventions for Protection of Kidney Function in Patients With Severe Renal Impairment and Hemodialysis Subjects With Residual Diuresis
Presenting Author: Jersy Sacha

TCT 972: Integrating Residual SYNTAX Score to Improve the Predictive Ability of the Age Creatinine and Ejection Fraction ACEF Score for Cardiac Mortality in Percutaneous Coronary Intervention Patients
Presenting Author: Guangfeng Gao

TCT 973: Postprocedural Radial Artery Compression Time In ChronicAnticoaguLated patientsusing StatSeal: The PRACTICAL SEAL FeasibilityStudy
Presenting Author: Ruben Tijssen
<table>
<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
<th>Presenting Author(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:15</td>
<td>TCT 958: Prognostic Evaluation of Point Of Care Lung Ultrasoundand Left Ventricle End Diastolic Pressure in Patients With ST Segment Elevation Myocardial Infarction Submitted to Coronary Angiography</td>
<td>Rafael Coimbra Ferreira</td>
</tr>
<tr>
<td>9:15</td>
<td>TCT 962: Influence of Side Branches in Computational Fractional Flow Reserve Derived from Intravascular Ultrasound</td>
<td>Cristiano Guedes Bezerra</td>
</tr>
<tr>
<td>9:15</td>
<td>TCT 963: Feasibility and Correlation of Angiogram Derived Vessel Fractional Flow Reserve in a Population Undergoing Percutaneous Coronary Intervention</td>
<td>Patricia Ey Pizzato</td>
</tr>
<tr>
<td>9:15</td>
<td>TCT 966: Inadequate dosage of intracoronary adenosine predicted higher adverse cardiovascular events</td>
<td>Po-Lin Lin</td>
</tr>
<tr>
<td>9:15</td>
<td>TCT 957: Angiography alone versus angiography plus intracoronary imaging to guide percutaneous coronary intervention: Outcomes from Wakayama Multicenter PCI registry.</td>
<td>Kunihiro Shimamura</td>
</tr>
<tr>
<td>9:15</td>
<td>TCT 959: Cardiovascular Magnetic Resonance CMR Predictors of Clinical Outcomes in Patients with Hypertrophic Cardiomyopathy</td>
<td>bhishma chowdary</td>
</tr>
<tr>
<td>9:15</td>
<td>TCT 978: Transcatheter Aortic Valve Implantation for Failing Surgical Aortic Valves: A Single Center Experience</td>
<td>Riyadh Kherallah</td>
</tr>
<tr>
<td>9:15</td>
<td>TCT 981: Distribution of coronary artery disease in patients with low risk transcatheter aortic valve replacement: A computed tomography coronary angiography study from the LRT trial</td>
<td>Kazuki Mizutani</td>
</tr>
</tbody>
</table>
9:15 AM TCT 982: Structural Analysis of Transcatheter Aortic Valve Replacement in Bicuspid Aortic Valves
Presenting Author: Dong Qiu

9:15 AM TCT 983: Pre-Dilatation Balloon Aortic Valvuloplasty vs. Direct Implantation in Patients Undergoing TAVR: A Meta Analysis
Presenting Author: Shiv Raj

9:15 AM TCT 984: Combination of Preoperative Frailty Status and Cardiac Biomarkers for Improving Risk Stratification in TAVR
Presenting Author: Syed Moinuddin

Presenting Author: M.S. van Mourik

9:15 AM TCT 986: Comprehensive Geriatric Assessment CGA for Predicting 1 Year Outcomes in Patients Undergoing Transcatheter Aortic Valve Implantation TAVI Results From the CGA TAVI Multicentre Registry
Presenting Author: Logan Vincent

Presenting Author: Kevin J. Croce, Vamsi Krishna, Bruce Samuels, R. Jay Widmer

9:15 AM TCT 988: The Effect of Prior Percutaneous Coronary Intervention on Pulmonary Artery Systolic Pressure and Ejection Fraction After Transcatheter Aortic Valve Replacement
Presenting Author: Cecillia Wong

9:15 AM TCT 989: In hospital Outcomes of Transcatheter Aortic Valve Replacement in Patients with Atrial Fibrillation: Nationwide Database Analysis
Presenting Author: Fangcheng Wu

9:15 AM TCT 990: Incidence Clinical Correlates Timing of Occurrence and Consequences of Acute Thrombus Formation in Patients Undergoing The MitraClip Procedure

9:15 AM TCT 991: Transcatheter Mitral Valve Position Affects Risk of Valve Thrombosis Following TMVR Procedure
Presenting Author: Saba Ravaghi

9:15 AM TCT 992: Quantifying Mitral Annular Calcification MAC for Patient Predictive Modeling in the Era of Transcatheter Mitral Valve Replacement TMVR Therapies
Presenting Author: Gilbert H.L. Tang

9:15 AM TCT 993: Isolated Tricuspid Valve Repair Using MitraClip for Functional Tricuspid Regurgitation in High Surgical Risk Patients
Presenting Author: Marissa Donatelle
THE IMPACT OF DESIGN ON CORONARY GUIDEWIRE PERFORMANCE: A HANDS-ON EXPERIENCE

The Impact of Design on Coronary Guidewire Performance: A Hands-On Experience

FRIDAY, SEPTEMBER 27, 2019
12:00 PM - 1:30 PM
Training Pavilion, Hall F

The Impact of Design on Coronary Guidewire Performance: A Hands-On Experience
Training Pavilion Faculty: Andrea Gagnor, Jack Hall, Amir Kaki, Robert F. Riley, Jason Wollmuth

12:00 PM
Introduction
12:05 PM
Didactic on Guidewire Building Blocks and WH wires
12:15 PM
Hands on Workhorse Wires Activity
12:30 PM
Polymer Jacketed Wires Overview and Hands on Activity
12:50 PM
Extra Support Specialty wires Overview and Hands on Activity
1:10 PM
TurnTrac Wire Overview and Hands on Activity

PHYSIOLOGY SIMPLIFIED: A HANDS-ON RFR SKILLS LAB

Physiology Simplified: A Hands-On RFR Skills Lab

FRIDAY, SEPTEMBER 27, 2019
2:00 PM - 3:30 PM
Training Pavilion, Hall F

2:00 PM - 2:15 PM
Didactic Session
Training Pavilion Faculty: Ziad A. Ali, Kevin J. Croce, Allen Jeremias, Vamsi Krishna, R. Jay Widmer

2:15 PM - 3:30 PM
Hands-On Activity Guided by Five Case Scenarios: Utilizing a Wet Model to Perform RFR and FFR
Training Pavilion Faculty: Ziad A. Ali, Kevin J. Croce, Allen Jeremias, Vamsi Krishna, R. Jay Widmer

LARGE-BORE ACCESS TO CLOSE: WHAT YOU WANT (AND NEED) TO KNOW

Large-Bore Access To Close: What You Want (and Need) To Know

FRIDAY, SEPTEMBER 27, 2019
4:00 PM - 5:30 PM
Training Pavilion, Hall F

4:00 PM - 4:20 PM
Introduction - Access Planning and Management Complications Review
Training Pavilion Faculty: Adhir Shroff, Rajiv Tayal

4:20 PM - 5:30 PM
Hands-On Device Deployment
Training Pavilion Faculty: Adhir Shroff, Rajiv Tayal

ROTAPRO™ FOR PLAQUE MODIFICATION AND VESSEL PREP

ROTAPRO™ for Plaque Modification and Vessel Prep

FRIDAY, SEPTEMBER 27, 2019
8:00 AM - 9:30 AM
Training Pavilion, Hall F

8:00 AM - 8:35 AM
ROTAPRO™ for Plaque Modification and Vessel Prep
Training Pavilion Faculty: Ramy Badawi, Sanjog Kalra

8:35 AM
Hands On Rotations

COMPLEX LESION ALGORITHMIC APPROACH: PROVEN DEVICES AND NEW APPLICATIONS

Complex Lesion Algorithmic Approach: Proven Devices and New Applications

FRIDAY, SEPTEMBER 27, 2019
10:00 AM - 11:30 AM
Training Pavilion, Hall F

10:00 AM - 11:30 AM
Complex Lesion Algorithmic Approach: Proven Devices and New Applications
10:00 AM Introduction
10:05 AM Complex Lesion Algorithmic Approach: Proven Devices New Applications
10:35 AM Hands On Rotations

TRANSEPTAL HANDS-ON TRAINING PROGRAM

Transseptal Hands-On Training Program
FRIDAY, SEPTEMBER 27, 2019
12:00 PM - 1:30 PM
Training Pavilion, Hall F

12:00 PM Introduction
12:05 PM Video Tutorials
12:20 PM Step by Step Transseptal Technique Interventional Tools and Complication Management
12:40 PM Hands On Rotations

WHO IS MY POTENTIAL RDN CANDIDATE? INTERACTIVE DISCUSSION ON RDN CANDIDATE SELECTION

Who is my Potential RDN Candidate? Interactive Discussion on RDN Candidate Selection
FRIDAY, SEPTEMBER 27, 2019
8:00 AM - 9:30 AM
Training Pavilion, Hall F

8:00 AM Welcome Session Objectives
8:10 AM Patient 1: Renal Denervation as the First Option
8:25 AM Patient 2: Renal Denervation After 1 or 2 Agents Have Been Tried
8:40 AM Patient 3: trHTN is the Ideal Renal Denervation Patient Profile
8:55 AM Real World Application: Taiwan Experience
9:05 AM Panel Discussion Global Views on Patient Selection
9:15 AM Patient Preference and Bringing it All Together

ADVANCED TECHNIQUES FOR LAAC PROGRAMS

Advanced Techniques for LAAC Programs
FRIDAY, SEPTEMBER 27, 2019
2:00 PM - 3:30 PM
Training Pavilion, Hall F

2:00 PM Introduction
2:05 PM DataProcedural Overview
2:35 PM Case Reviews Workflow Examples

OPTIMIZING OUTCOMES IN PATIENTS WITH BIFURCATION LESIONS

Optimizing Outcomes in Patients with Bifurcation Lesions
FRIDAY, SEPTEMBER 27, 2019
10:00 AM - 11:30 AM
Training Pavilion, Hall F

2:00 PM Introduction
2:05 PM DataProcedural Overview
2:35 PM Case Reviews Workflow Examples

TRANSSEPTAL HANDS-ON TRAINING PROGRAM

Transseptal Hands-On Training Program
FRIDAY, SEPTEMBER 27, 2019
4:00 PM - 5:30 PM
Training Pavilion, Hall F

4:00 PM Introduction
4:05 PM Video Tutorials
4:20 PM Step by Step Transseptal Technique Interventional Tools and Complication Management
4:40 PM Hands On Rotations
<table>
<thead>
<tr>
<th>Time</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:00 AM</td>
<td><strong>Optimizing Outcomes in Patients with Bifurcation Lesions</strong></td>
</tr>
<tr>
<td></td>
<td>Training Pavilion Faculty: Francesco Burzotta, David Hildick-Smith, Jens Flensted</td>
</tr>
<tr>
<td></td>
<td>Lassen, Goran Stankovic</td>
</tr>
<tr>
<td>10:00 AM</td>
<td>Introduction</td>
</tr>
<tr>
<td>10:05 AM</td>
<td>Bifurcation Techniques with Integrated Visible Heart Laboratories Footage</td>
</tr>
<tr>
<td>10:45 AM</td>
<td>Hands On Simulation</td>
</tr>
</tbody>
</table>

**ONYX ONE: IS THERE AN IDEAL APPROACH TO PCI IN THE PATIENT AT HIGH RISK OF BLEEDING?**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>12:00 PM</td>
<td><strong>Onyx One: Is There an Ideal Approach to PCI in the Patient at High Risk of Bleeding?</strong></td>
</tr>
<tr>
<td></td>
<td>Training Pavilion Faculty: Elvin Kedhi, Roxana Mehran, Daniel I. Simon, Stephan</td>
</tr>
<tr>
<td></td>
<td>Windecker</td>
</tr>
</tbody>
</table>

**TAVR IN BICUSPID AORTIC VALVES**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:00 PM</td>
<td><strong>TAVR in Bicuspid Aortic Valves</strong></td>
</tr>
<tr>
<td></td>
<td>Training Pavilion Faculty: John K. Forrest</td>
</tr>
<tr>
<td>2:00 PM</td>
<td>Introduction</td>
</tr>
<tr>
<td>2:05 PM</td>
<td>Overview Identification Sizing and Classification of Bicuspid Aortic Valves</td>
</tr>
<tr>
<td>2:30 PM</td>
<td>Procedural Considerations</td>
</tr>
<tr>
<td>2:45 PM</td>
<td>3Mensio Imaging Review</td>
</tr>
<tr>
<td>3:00 PM</td>
<td>Interactive Case Review and Assessment</td>
</tr>
</tbody>
</table>

**CONTEMPORARY CONSIDERATIONS FOR TAVR HEMODYNAMICS**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:00 PM</td>
<td><strong>Contemporary Considerations for TAVR Hemodynamics</strong></td>
</tr>
<tr>
<td></td>
<td>Training Pavilion Faculty: G. Burkhard Mackensen, Michael J. Reardon</td>
</tr>
<tr>
<td>4:00 PM</td>
<td>Introduction</td>
</tr>
<tr>
<td>4:05 PM</td>
<td>Importance of TAVR Hemodynamics and Current Data</td>
</tr>
<tr>
<td>4:30 PM</td>
<td>TAVR Imaging Assessments: What Every Implanter Needs to Know</td>
</tr>
<tr>
<td>5:00 PM</td>
<td>Interactive Discussion and Case Reviews</td>
</tr>
</tbody>
</table>

**WAYS TO SEE CLEARLY, GUIDE CONFIDENTLY**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 AM</td>
<td><strong>Ways to See Clearly, Guide Confidently</strong></td>
</tr>
<tr>
<td></td>
<td>Training Pavilion Faculty: Karim Al-Azizi, Jasvindar Singh</td>
</tr>
<tr>
<td>8:00 AM</td>
<td>Introduction</td>
</tr>
<tr>
<td>8:05 AM</td>
<td>KTL Presentation: WAZE to See Clearly Guide Confidently Case Based Review</td>
</tr>
<tr>
<td>8:25 AM</td>
<td>Dynamic Roadmap With Simulator</td>
</tr>
<tr>
<td>8:40 AM</td>
<td>IntraSight 7 Physiology Sync</td>
</tr>
<tr>
<td>8:55 AM</td>
<td>IntraSight 7 IVUS Sync</td>
</tr>
<tr>
<td>9:10 AM</td>
<td>Level EX Rotation</td>
</tr>
<tr>
<td>9:25 AM</td>
<td>Closing and Adjourn</td>
</tr>
</tbody>
</table>

**DOTTING THE EYES WITH iFR'S DEFINE PCI**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:00 AM</td>
<td><strong>Dotting the Eyes with iFR's DEFINE PCI</strong></td>
</tr>
<tr>
<td></td>
<td>Training Pavilion, Hall F</td>
</tr>
</tbody>
</table>
### ANOTHER NOTCH ON YOUR COMPLEX PCI TOOL BELT – A JOURNEY TO LASER COMPETENCE

**Another Notch on Your Complex PCI Tool Belt – A Journey to LASER Competence**

**FRIDAY, SEPTEMBER 27, 2019**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>12:00 AM</td>
<td>Introduction</td>
</tr>
<tr>
<td>12:05 AM</td>
<td>KTL Presentation: Another Notch on Your Complex PCI Tool Belt – A Journey to LASER Competence</td>
</tr>
<tr>
<td>12:25 AM</td>
<td>Laser Hands On</td>
</tr>
<tr>
<td>12:40 AM</td>
<td>Simulator 1 ISR Case</td>
</tr>
<tr>
<td>12:55 AM</td>
<td>Simulator 2 CTO Case</td>
</tr>
<tr>
<td>1:10 AM</td>
<td>KTL Doing Cases</td>
</tr>
<tr>
<td>1:25 AM</td>
<td>Closing and Adjourn</td>
</tr>
</tbody>
</table>

**Training Pavilion Faculty: Kevin J. Croce**

---

### THE ULTIMATE OUTCOME WITH IVUS

**The ULTIMATE Outcome with IVUS**

**FRIDAY, SEPTEMBER 27, 2019**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>4:00 PM</td>
<td>Introduction</td>
</tr>
<tr>
<td>4:05 PM</td>
<td>KTL Presentation: The ULTIMATE Outcome with IVUS</td>
</tr>
<tr>
<td>4:25 PM</td>
<td>Dynamic Roadmap with Simulator</td>
</tr>
<tr>
<td>4:40 PM</td>
<td>IntraSight 7 Physiology Sync</td>
</tr>
<tr>
<td>4:55 PM</td>
<td>IntraSight 7 IVUS Sync</td>
</tr>
<tr>
<td>5:10 PM</td>
<td>Level X Rotation</td>
</tr>
<tr>
<td>5:25 PM</td>
<td>Closing and Adjourn</td>
</tr>
</tbody>
</table>

---

### WHAT YOU NEED TO KNOW REGARDING THE CLASP IID/IIF PIVOTAL TRIAL: NOVEL MITRAL REPAIR SYSTEM CURRENTLY UNDER CLINICAL STUDY IN THE US

**What You Need to Know Regarding the CLASP IID/IIF Pivotal Trial: Novel Mitral Repair System Currently Under Clinical Study in the US**

**FRIDAY, SEPTEMBER 27, 2019**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 AM</td>
<td>Introduction</td>
</tr>
<tr>
<td>8:15 AM</td>
<td>KTL Presentation: Another Notch on Your Complex PCI Tool Belt – A Journey to LASER Competence</td>
</tr>
<tr>
<td>8:35 AM</td>
<td>Laser Hands On</td>
</tr>
<tr>
<td>8:50 AM</td>
<td>Simulator 1 ISR Case</td>
</tr>
<tr>
<td>9:05 AM</td>
<td>Simulator 2 CTO Case</td>
</tr>
<tr>
<td>9:20 AM</td>
<td>KTL Doing Cases</td>
</tr>
<tr>
<td>9:35 AM</td>
<td>Closing and Adjourn</td>
</tr>
</tbody>
</table>
Be Calculated: Optimizing Preparation of Calcified Coronary Lesions
Training Pavilion Faculty: Khaldoon F. Alaswad, Rohit Bhatheja, Mitul Patel, George Revtyak

10:00 AM - 11:30 AM

**ESSENTIAL GUIDEWIRE AND MICROCATHETER TECHNIQUES FOR COMPLEX PCI**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:00 AM</td>
<td>Introduction</td>
</tr>
<tr>
<td>10:05 AM</td>
<td>Didactic With Case Review</td>
</tr>
<tr>
<td>10:50 AM</td>
<td>Hands On</td>
</tr>
</tbody>
</table>

**FRIDAY, SEPTEMBER 27, 2019**
2:00 PM - 3:30 PM
Training Pavilion, Hall F

**LMA INTERVENTION - 1**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:30 AM - 10:30 AM</td>
<td><strong>LMCA Intervention - 1</strong></td>
</tr>
</tbody>
</table>

Moderators: Darshan Doshi, Runlin Gao
Discussants: Andrejs Erglis, Vasim Farooq, Mirosław Ferenc, Tim A. Fischell

**FRIDAY, SEPTEMBER 27, 2019**
9:30 AM - 10:30 AM
Moderated Posters 2, Exhibit Hall, Exhibition Level, Moscone South

**Essential Guidewire and Microcatheter Techniques for Complex PCI**

**FRIDAY, SEPTEMBER 27, 2019**
2:00 PM - 3:30 PM
Training Pavilion Faculty: William Nicholson, Robert F. Riley

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:00 PM</td>
<td>Introduction</td>
</tr>
<tr>
<td>2:05 PM</td>
<td>Guidewire MC Considerations for Complex PCI</td>
</tr>
<tr>
<td>2:30 PM</td>
<td>Case Reviews and Applications of Techniques</td>
</tr>
<tr>
<td>2:45 PM</td>
<td>Microcatheter Selection and Proper Use</td>
</tr>
<tr>
<td>3:25 PM</td>
<td>Adjourn</td>
</tr>
</tbody>
</table>

**FRIDAY, SEPTEMBER 27, 2019**
4:00 PM - 5:30 PM
Training Pavilion, Hall F

**Essential Guidewire and Microcatheter Techniques for Complex PCI**

**FRIDAY, SEPTEMBER 27, 2019**
4:00 PM - 5:30 PM
Training Pavilion Faculty: William Nicholson, Robert F. Riley

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>4:00 PM</td>
<td>Introduction</td>
</tr>
<tr>
<td>4:05 PM</td>
<td>Guidewire MC Considerations for Complex PCI</td>
</tr>
<tr>
<td>4:30 PM</td>
<td>Case Reviews and Application of Techniques</td>
</tr>
<tr>
<td>4:45 PM</td>
<td>Microcatheter Selection and Proper Use</td>
</tr>
</tbody>
</table>

**LEFT ATRIAL APPENDAGE EXCLUSION - 1**

**Left Atrial Appendage Exclusion - 1**

**Structural: Non-Valve**

**FRIDAY, SEPTEMBER 27, 2019**
9:30 AM - 10:30 AM
Moderated Posters 5, Exhibit Hall, Exhibition Level, Moscone South
TRANSCATHETER VALVE THERAPY | FRIDAY, SEPTEMBER 27, 2019

9:30 AM - 10:30 AM

**Left Atrial Appendage Exclusion - 1**

Moderators: Krysztof Bartus, Robert J. Cubeddu
Discussants: Francesco Bedogni, Habib Gamra, Jai-Wun Park, Michael Rinaldi

**Undergoing PCI and Anticoagulation in Patients**

**Management of Antiplatelet Therapy and Anticoagulation in Patients Undergoing PCI - 3**

Management of Antiplatelet Therapy and Anticoagulation in Patients Undergoing PCI - 3

**Coronary: Core**

**NATURAL HISTORY AND MANAGEMENT OF BICUSPID AORTIC VALVE DISEASE**

**Natural History and Management of Bicuspid Aortic Valve Disease**

**Structural: Valve**

**FRIDAY, SEPTEMBER 27, 2019**

9:30 AM - 10:20 AM

Moderated Posters 1, Exhibit Hall, Exhibition Level, Moscone South

9:30 AM - 10:30 AM

**Management of Antiplatelet Therapy and Anticoagulation in Patients Undergoing PCI - 3**

Moderators: Dimitrios Alexopoulos, William J. French
Discussants: Gennaro Giustino, Hyo-Soo Kim, Michael A. Kutcher, Gary L. Schaer

9:30 AM

**TCT 406: Clinical Impact of DAPT Cessation Within 12 Months of Drug Eluting Stent Implantation in Caucasians and Minorities: Insights From the PLATINUM Diversity and PROMUS Element Plus Post Approval Study**

**Discussion**

9:37 AM

**TCT 407: Adherence to dual antiplatelet therapy and long term outcome of drug eluting or bare metal stents: A Korean nationwide longitudinal real world cohort study**

Presenting Author: Jung Min Rosa Choi

**Discussion**

9:47 AM

**TCT 408: Impact of dedicated dual antiplatelet therapy with low dose prasugrel on mid term vascular response after everolimus eluting stent implantation**

Presenting Author: Takayoshi Toba

**Discussion**

9:57 AM

**TCT 409: A Novel Ticagrelor Coated Stent to Eliminate the Need for Dual Anti Platelet Therapy Post PCI**

Presenting Author: Jared Romeo

**Discussion**

10:07 AM


Presenting Author: Hiroyuki Jinnouchi

**Discussion**

10:17 AM

**TCT 411: Predictors for Early Discontinuation of Ticagrelor in Patients with Acute Coronary Syndrome.**

Presenting Author: Sang Hyun Park

**Discussion**

10:27 AM

**Bicuspid Aortic Stenosis**

**TCT 424: Systematic Review and Pooled Analysis of New versus Old Generation Valves for Transcatheter Aortic Valve Replacement in Bicuspid Aortic Stenosis**

Presenting Author: Nausharwan Butt

**Discussion**

9:30 AM

**TCT 426: TAVR vs. SAVR for Bicuspid Aortic Valve**

Presenting Author: Nausharwan Butt

**Discussion**

9:40 AM

**TCT 427: Metaanalysis Comparing Safety and Outcomes After Transcatheter Aortic Valve Replacement in Bicuspid Aortic Stenosis**

Presenting Author: David Dao

**Discussion**

9:47 AM

**TCT 428: Impact of dedicated dual antiplatelet therapy with low dose prasugrel on mid term vascular response after everolimus eluting stent implantation**

Presenting Author: Takayoshi Toba

**Discussion**

9:57 AM

**TCT 429: A Novel Ticagrelor Coated Stent to Eliminate the Need for Dual Anti Platelet Therapy Post PCI**

Presenting Author: Jared Romeo

**Discussion**

10:07 AM


Presenting Author: Hiroyuki Jinnouchi

**Discussion**

10:17 AM

**TCT 431: Predictors for Early Discontinuation of Ticagrelor in Patients with Acute Coronary Syndrome.**

Presenting Author: Sang Hyun Park

**Discussion**

10:27 AM
TCT 428: Altered Valve Eccentricity and Hemodynamics in Sievers Type 0 Compared to Type 1 Bicuspid Aortic Valves post Transcatheter Aortic Valve Replacement
Presenting Author: Scott M. Chadderdon

TCT 429: Development of moderate or severe aortic stenosis from significant aortic regurgitation: a different path to mixed aortic valve disease
Presenting Author: Li-Tan Yang

TCT 512: Cost Effective AMI Coverage for a Hundred Million Population with Telemedicine Networks
Presenting Author: Sameer Mehta

TCT 507: Network Latency and Long distance Robotic Telestenting: Exploring the Potential Impact of Network Delays on Telestenting Performance
Presenting Author: Paulina Phomvongsa

TCT 508: Telemedicine Without Borders
Presenting Author: Sameer Mehta

Presenting Author: Santiago Garcia

TCT 510: SYNTAX Score II Application for Prediction of Heart Failure Development in Patients with STEMI Undergoing Primary Percutaneous Coronary Intervention
Presenting Author: Fernando Gómez Peña

Presenting Author: Muhammad Rashid

TCT 557: Clinical outcomes of atherectomy use for the treatment of symptomatic peripheral vascular disease
Presenting Author: Mohammad Mehdi Ansari

TCT 558: Very Long Term Clinical Outcomes After Endovascular Therapy For Peripheral Arterial Disease
Presenting Author: Tomonori Katsuki

TCT 559: In hospital Outcomes and Trends of Endovascular Intervention vs Surgical Revascularization among Octogenarian Patients with Peripheral Artery Disease
Presenting Author: Homam Moussa Pacha

TCT 560: Impact of Infrapopliteal Run off on Clinical Outcomes following Endovascular Intervention in Patients with Iliac and Superficial Femoral Arterial Disease
Presenting Author: Woohyeun Kim

TCT 561: The Lesion and Procedure Characteristics Associated with Easy to Recanalize for Chronic Total Occlusion of the Superficial Femoral Artery in Endovascular Treatment
Presenting Author: Yutaka Tadano

TCT 562: Target lesion revascularization after percutaneous revascularization of lower limb arteries
Presenting Author: Gerardo Nau
REVASCULARIZATION IN PATIENTS WITH DIABETES - 2

Revascularization in Patients With Diabetes - 2

Moderators: Upenra Kaul, Michael J. Lim
Discussants: Samer Mansour, Oscar A. Mendiz

9:30 AM - 10:30 AM
TCT 587: Comparison of ticagrelor with clopidogrel on myocardial blood flow measured by N 13 ammonia positron emission tomography in patients with acute coronary syndrome
Presenting Author: Kyungil Park

9:37 AM Discussion

9:40 AM TCT 588: Mid and Long term Clinical Outcomes of Percutaneous Coronary Intervention with Drug Eluting stent Implantation: Fractional Flow Reserve Guided Versus Intravascular Ultrasound Guided
Presenting Author: Kounosuke Inoue

9:47 AM Discussion

9:50 AM TCT 589: Role of the Position of the Pressure Guidewire Sensor Distal to the Coronary Artery Stenosis on Fractional Flow Reserve Measurements
Presenting Author: Karl Isaaz

9:57 AM Discussion

10:00 AM TCT 590: The current status of intervention for intermediate coronary stenosis in the Korean Percutaneous Coronary Intervention K PCI Registry
Presenting Author: Jin-Ho Kim

10:07 AM Discussion

10:10 AM TCT 591: A Comparison of Clinical and Coronary Physiology Characteristics in Patients With and Without Type 4a Myocardial Infarction Following High Speed Rotational Atherectomy Assisted Percutaneous Coronary Intervention
Presenting Author: Damien Colliso

10:17 AM Discussion

10:20 AM TCT 592: Exercise induced EPC mobilization improved the endothelial dysfunction in PCI patients
Presenting Author: Jae Hyung Park

10:27 AM Discussion

BIORESORBABLE SCAFFOLDS - 3

Bioresorbable Scaffolds - 3

FRIDAY, SEPTEMBER 27, 2019
10:30 AM - 11:30 AM
Moderated Posters 4, Exhibit Hall, Exhibition Level, Moscone South

10:30 AM - 11:30 AM
Bioresorbable Scaffolds - 3
Moderators: Arif Al Nooryani, Sundeep Mishra
Discussants: Salvatore Cassese, Sunao Nakamura, David G. Rizik, Manel Sabate

10:30 AM TCT 176: Implantation of Thin Strut Sirolimus Eluting Bioresorbable Vascular Scaffold in Patients With de novo Coronary Artery Lesions: Two year Clinical and Six month Imaging Outcomes of the Melles 1 Extend Trial
Presenting Author: Sasko Kedev

10:37 AM Discussion
10:40 AM | TCT 177: Long Term Serial Functional Evaluation After Implantation of the Fantom Sirolimus Eluting Bioresorbable Coronary Scaffold: The FANTOM II study
Presenting Author: Yuichi Saito

10:47 AM | Discussion

10:50 AM | TCT 178: Intravascular Ultrasound Predictors of Long term Outcomes Following ABSORB Biodegradable Scaffold Implantation: A Pooled Analysis of the ABSORB III and ABSORB Japan Trials
Presenting Author: Takeshi Nishi

10:57 AM | Discussion

11:00 AM | TCT 179: The influence of increasing stent length on outcomes in Absorb BVS or Xience EES treated patients in routine clinical PCI practice: AIDA trial substudy
Presenting Author: Ruben Tijssen

11:07 AM | Discussion

11:10 AM | TCT 180: Neointimal Tissue Coverage and Characterization Assessment Using Optical Coherence Tomography Surveillance Six Months After Implantation of Bioresorbable Scaffolds Versus Conventional Everolimus Eluting Stents in ISAR Absorb MI Trial
Presenting Author: Himanshu Rai

11:17 AM | Discussion

11:20 AM | TCT 181: 5 year Outcomes of Patients Undergoing Everolimus eluting Biodegradable Scaffold Implantation during Daily Clinical Routine Final Results from the ISAR Absorb Registry
Presenting Author: Jens Wiebe

11:27 AM | Discussion

**DRUG-ELUTING STENT STUDIES - 3**

**Chronic Total Occlusions - 1**

**Moderated Posters 6, Exhibit Hall, Exhibition Level, Moscone South**

**Moderators:** Darshan Doshi, James Sapontis
Discussants: Yasushi Asakura, Waleed El Awady, Miroslaw Ferenc, Alfredo R. Galassi

10:30 AM - 11:30 AM
**Chronic Total Occlusions - 1**

**Moderators:** Darshan Doshi, James Sapontis
Discussants: Yasushi Asakura, Waleed El Awady, Miroslaw Ferenc, Alfredo R. Galassi

10:30 AM | TCT 212: Reasonable Recanalization of Chronic Total Occlusion Improves Long Term Clinical Outcomes: Data from 2659 Consecutive Patients
Presenting Author: Lihua Xie

10:37 AM | Discussion

10:40 AM | TCT 213: Immediate and 5 Year Results of Percutaneous Coronary Intervention in In Stent Restenotic Chronic Total Occlusion: Data from 2659 Consecutive Patients
Presenting Author: Tianjie Wang

10:47 AM | Discussion

10:50 AM | TCT 214: Percutaneous Coronary Intervention versus Optimal Medical Therapy for Chronic Total Coronary Occlusions: A Systematic Review and Meta analysis of Randomized Trials
Presenting Author: Anna van Veelen

10:57 AM | Discussion

11:00 AM | TCT 215: Clinical outcomes of percutaneous coronary intervention for ostial left anterior descending artery chronic total occlusion
Presenting Author: Euihong Ko

11:07 AM | Discussion

11:10 AM | TCT 216: Contemporary characteristics and outcomes of Percutaneous Coronary Intervention for Chronic Total Occlusion in Japan: Comparison Between Two Major Japanese Multicenter Registries
Presenting Author: Shunsuke Matsuno

11:17 AM | Discussion

11:20 AM | TCT 217: Predictors for Long term Target Lesion Revascularization of Successful Recanalized Coronary Chronic Total Occlusion Using Drug Eluting Stents
Presenting Author: Lei Song

11:27 AM | Discussion
Presenting Author: Christian Oliver Fallesen

10:57 AM  Discussion
11:00 AM  TCT 291: Comparison of Thromboresistance between Everolimus eluting Fluoropolymer Stent and Currently Available Drug Eluting Stent in an Ex Vivo Swine Shunt Model under Only Single Anti platelet Therapy
Presenting Author: Hiroyuki Jinnouchi

11:07 AM  Discussion
11:10 AM  TCT 292: Five Years Comparison of Vessel Remodeling Between a Thin Strut Non Drug Eluting Biodegradable Stent and Bare Metal Stent in Porcine Coronary Arteries
Presenting Author: Marco Ferrone

11:17 AM  Discussion
11:20 AM  TCT 293: Influence of Stent Length on Clinical Outcome in Biodegradable or Durable Polymer Drug Eluting Stent in Patients With Acute Myocardial Infarction
Presenting Author: Hyeon Jeong Kim

11:27 AM  Discussion

---

**LMCA INTERVENTION - 2**

**Coronary: CHIP**

**FRIDAY, SEPTEMBER 27, 2019**
**10:30 AM - 11:30 AM**
Moderated Posters 2, Exhibit Hall, Exhibition Level, Moscone South

10:30 AM - 11:30 AM  
**LMCA Intervention - 2**
Moderators: Dietmar H. Glogar, Victor GuettaDiscussants: Ning Guo, Stuart Head, Javaid Iqbal, Sasko Kedev

10:30 AM  TCT 388: Very Long Term gt10 Years Safety and Effectiveness of Drug Eluting or Bare Metal Stents for Unprotected Left Main Coronary Disease
Presenting Author: Han-bit Park

10:37 AM  Discussion
10:40 AM  TCT 389: Prospective Evaluation of the Drug Eluting Self Apposing Stent for the Treatment of Unprotected Left Main Coronary Artery Disease: 2 Year Results of the TRUNC Study
Presenting Author: Corrado Tamburino

10:47 AM  Discussion
10:50 AM  TCT 390: Impact of SYNTAX Score on Long Term Clinical Outcomes in Patients Treated With New Generation Drug Eluting Stents for Unprotected Left Main Disease
Presenting Author: Takashi Hiromasa

10:57 AM  Discussion
11:00 AM  TCT 391: 10 Year Clinical Outcomes After Stents versus Coronary Artery Bypass Grafting for Left Main Coronary Artery Disease According to Lesion Location: Results From the MAIN COMPARE registry
Presenting Author: Junho Hyun

11:07 AM  Discussion
11:10 AM  TCT 392: In Hospital Outcomes of ST Segment Elevation Myocardial Infarction Involving the Left Main Coronary Artery: Insights from the National Inpatient Sample
Presenting Author: Mohamed Omer

11:17 AM  Discussion
11:20 AM  TCT 393: A real world registry of patients with left main coronary artery stent restenosis: Clinical angiographic characteristics therapeutic management and long term follow up.
Presenting Author: Luis Marcos Lopez Rojas

11:27 AM  Discussion

---

**LEFT ATRIAL APPENDAGE EXCLUSION - 2**

**Structural: Non-Valve**

**FRIDAY, SEPTEMBER 27, 2019**
**10:30 AM - 11:30 AM**
Moderated Posters 5, Exhibit Hall, Exhibition Level, Moscone South

10:30 AM - 11:30 AM  
**Left Atrial Appendage Exclusion - 2**
Moderators: Jason H. Rogers, Apostolos TzikasDiscussants: Anibal A. Damonte, Petr Neuzil, David E. Thaler

10:30 AM  TCT 376: Randomized Trial of Conventional Transseptal Needle Versus Radiofrequency Energy Needle Puncture for Left Atrial Access during Cryoballoon Ablation the CRYO LATS Study
Presenting Author: Jason Andrade

10:37 AM  Discussion
10:40 AM  TCT 377: Use of Novel Oral Anticoagulation Therapy Alone NOAC Versus NOAC in Conjunction with Aspirin for Anticoagulation Following Implantation of the Watchman Left Atrial Appendage Closure Device
Presenting Author: Benita Tjoe

10:47 AM  Discussion
10:50 AM  TCT 378: Percutaneous Left Atrial Appendage Closure in Female Patients
Presenting Author: Konstantinos Voudris

10:57 AM  Discussion
11:00 AM  TCT 379: First experience with the ExpanSure Dilation System to streamline transseptal puncture for left atrial appendage closure
Presenting Author: Jacqueline Saw

11:07 AM  Discussion
11:10 AM  TCT 380: Feasibility of LAmbre in Occluding Large Left Atrial Appendage
Presenting Author: So Chak Yu
NATURAL HISTORY AND MANAGEMENT OF MITRAL AND TRICUSPID VALVE DISEASE - 6

Natural History and Management of Mitral and Tricuspid Valve Disease - 6

Moderators: Satya Shreenivas, Wilson Y. Szeto
Discussants: James S. Gammie, Michael J. Lim, Eliano Pio Navarese, Joachim Schofer

TCT 460: Aorto Mitral Angulation and Neo LVOT in Transcatheter Mitral Valve Replacement
Presenting Author: Georg Lutter
10:30 AM

Discussion
10:37 AM

Presenting Author: Chris Kovach
10:40 AM

Discussion
10:47 AM

TCT 462: Valvular Remodeling and Myocyte Dysfunction at an Early Stage of Ischemic Mitral Regurgitation in a Relevant Translational Pig Model
Presenting Author: Ouafa Hamza
10:50 AM

Discussion
10:57 AM

TCT 463: Transcatheter Mitral Valve Replacement in a Series of Ten Compassionate Use Cases With Mid Term Follow up
Presenting Author: Sebastian Ludwig
11:00 AM

Discussion
11:07 AM

TCT 464: The Volume Outcomes for Percutaneous Mitral Valve Repair MitraClip Procedure in a US Registry
Presenting Author: Jad Omran
11:10 AM

Discussion
11:17 AM

TCT 465: Automatic Identification and Quantification of the Mitral Annulus for Consistent TMVR Planning - A Preliminary Study
Presenting Author: Janelle Schrot
11:20 AM

Discussion
11:27 AM

PERIPHERAL VASCULAR INTERVENTION - 3

Peripheral Vascular Intervention - 3

Vascular

FRIDAY, SEPTEMBER 27, 2019
10:30 AM - 11:30 AM

Moderated Posters 3, Exhibit Hall, Exhibition Level, Moscone South

Outcomes After Primary PCI - 6

Coronary: CHIP

Outcomes After Primary PCI - 6

10:30 AM - 11:30 AM

TCT 513: Endovascular Therapeutic Hypothermia is Feasible as an Adjuvant Therapy in Acute ST Segment Elevation Myocardial Infarction Patients Without Delay in Door to Balloon Time
Presenting Author: Luis Dallan
10:30 AM

Discussion
10:37 AM

TCT 514: LATIN Telemedicine Demonstrates Longitudinal Cost Savings from Avoiding Unnecessary Transfer of Patients
Presenting Author: Sameer Mehta
10:40 AM

Discussion
10:47 AM

TCT 515: Marked Variability and Regional Constraints: Observations From a Population based and Telemedicine guided STEMI Program
Presenting Author: Sameer Mehta
10:50 AM

Discussion
10:57 AM

TCT 516: A New Scoring System for Prediction of No Reflow in Patients with ST elevation Myocardial Infarction
Presenting Author: Ivan Bessonov
11:00 AM

Discussion
11:07 AM

TCT 517: The KASH Score Predicts Long Term Mortality After Acute Myocardial Infarction
Presenting Author: Joel Monteiro
11:10 AM

Discussion
11:17 AM

TCT 518: Utility of Troponin and Creatine Kinase in Predicting Myocardial Infarct Size Left Ventricular Dysfunction and Clinical Outcomes After Acute Anterior Myocardial Infarction: The INFUSE AMI Trial
Presenting Author: Bahira Shahim
11:20 AM

Discussion
11:27 AM

OUTCOMES AFTER PRIMARY PCI - 6

10:30 AM - 11:30 AM

Moderated Posters 1, Exhibit Hall, Exhibition Level, Moscone South
Peripheral Vascular Intervention - 3
Moderators: Bagrat AlekyanDiscussants: Alex Chebl, Tony Das, Peter P. Monteleone, Rahul S. Patel

10:30 AM - 11:30 AM
Peripheral Vascular Intervention - 3

10:30 AM TCT 563: Improved Remodelling with TEVAR and Distal Bare Metal Stent PETTICOAT in Patients With Acute Complicated Type B Aortic Dissection 1 year Results of A Multicentre Study in Survivors of Type B Aortic Dissection Undergoing Stenting ASSIST
Presenting Author: XUN YUAN

10:37 AM Discussion

10:40 AM TCT 564: Long term clinical outcomes of patients undergoing percutaneous intervention of transplanted renal artery stenosis
Presenting Author: Gustavo Feitosa

10:47 AM Discussion

Presenting Author: Twinkle Singh

10:57 AM Discussion

11:00 AM TCT 566: Iliofemoral Vein Compression is Caused by the Pubic Bone Not the Inguinal Ligament
Presenting Author: Christopher Cheng

11:07 AM Discussion

11:10 AM TCT 567: Outcomes of Covered Versus Bare Metal Stents in the Treatment of Subclavian Artery Stenosis
Presenting Author: David Signarovitz

11:17 AM Discussion

11:20 AM TCT 568: Effectiveness and Safety of Vacuum Assisted Thrombectomy Device AngioVac for Extraction of Vegetations on Intra cardiac Devices and Valves Prior to Device Removal: A Single Center Experience
Presenting Author: Priyanka Ghosh

11:27 AM Discussion

ALCOHOL SEPTAL ABLATION/HOCM

ALCOHOL SEPTAL ABLATION/HOCM

Alcohol Septal Ablation/HOCM

Structural: Non-Valve

FRIDAY, SEPTEMBER 27, 2019
11:30 AM - 12:30 PM
Moderated Posters 5, Exhibit Hall, Exhibition Level, Moscone South

11:30 AM - 12:30 AM
Alcohol Septal Ablation/HOCM
Moderators: George S. Hanzel, Hubert SeggewissDiscussants: Mayra Guerrero, Igor F. Palacios

11:30 AM TCT 128: Impact of Gender on Clinical Outcomes of Septal Myectomy vs Alcohol Septal Ablation for Hypertrophic Cardiomyopathy in the United States
Presenting Author: Alejandro Lemor

11:37 AM Discussion

11:40 AM TCT 129: Age Stratified Analysis for Patients with Hypertrophic Cardiomyopathy Undergoing Alcohol Septal Ablation or Septal Myectomy.
Presenting Author: Alejandro Lemor

11:47 AM Discussion

11:50 AM TCT 130: When Can Patients be Safely Discharged After Alcohol Septal Ablation Incidence and Timing of Post Ablation Complete Heart Block and Ventricular Tachycardia
Presenting Author: Bassim El-Sabawi

11:57 AM Discussion

12:00 AM TCT 131: Alcohol Septal Ablation in Patients With Obstructive Hypertrophic Cardiomyopathy Leads to Sustained Long Term Benefits: A Single Centre Experience
Presenting Author: Micha Dorsch

12:07 AM Discussion

12:10 AM TCT 132: Simultaneous Interventional Treatment of Patients With Hypertrophic Obstructive Cardiomyopathy and Coexisting Coronary Artery Disease
Presenting Author: Stanislav Fanta

12:17 AM Discussion

12:20 AM TCT 133: A Novel concept of catheter based radiofrequency ablation for hypertrophic obstructive cardiomyopathy Cerclage RF Ablation: preliminary animal experiments in swine model
Presenting Author: Min-Ku Chon

12:27 AM Discussion

CATH LAB OF THE FUTURE - 1

Cath Lab of the Future - 1
Coronary: Core

FRIDAY, SEPTEMBER 27, 2019
11:30 AM - 12:30 PM
Moderated Posters 4, Exhibit Hall, Exhibition Level, Moscone South

11:30 AM - 12:30 AM
Cath Lab of the Future - 1
Moderators: Deepak L. Bhatt, Peter J. FitzgeraldDiscussants: Sanjay Kumar Chugh, Carlos Collet

11:30 AM TCT 194: A fully automated classification and segmentation of X ray coronary angiography using deep learning approach
Presenting Author: Jihoon Kweon

11:37 AM Discussion

11:40 AM TCT 195: Anatomical Attributes of Myocardial territory of Diagonal Branches Assessed by Coronary Computed Tomography Angiography
Presenting Author: Seokhun Yang
11:47 AM  Discussion
11:50 AM  TCT 196: Automatic Lesion Recognition on Coronary Angiographic Images by Deep Convolutional Neural Network
Presenting Author: Ruolin Yang

11:57 AM  Discussion
12:00 PM  TCT 197: Impact of Patient Sex on Radiation Doses Received During Coronary Angiography
Presenting Author: Erica Osip

12:07 PM  Discussion
12:10 PM  TCT 198: Final Results of the IC CATARACT CATaracts Attributed to Radiation in the CaTh Lab Study: Lens Changes Associated with Radiation in the Cardiac Catheterization Laboratory
Presenting Author: Judit Karacsonyi

12:17 PM  Discussion
Presenting Author: Marc-Antoine Carrier

12:27 PM  Discussion

CHRONIC TOTAL OCCLUSIONS - 2

CHRONIC TOTAL OCCLUSIONS - 2

FRIDAY, SEPTEMBER 27, 2019
11:30 AM - 12:30 PM
Moderated Posters 6, Exhibit Hall, Exhibition Level, Moscone South

11:30 AM - 12:30 PM  Chronic Total Occlusions - 2
Moderators: Khaldoon F. AlaswadDiscussants: Arif Al Nooryani, Parag Barwad, Raja Hatem, Satoru Sumitsuji

11:30 AM  TCT 218: The Efficacy and Safety of Transradial and Transfemoral Approach in Treatment of Coronary Chronic Total Occlusion: A Systematic Review and Meta Analysis
Presenting Author: Mohamad Soud

11:37 AM  Discussion
11:40 AM  TCT 219: In Hospital Outcomes of Chronic Total Occlusion Treated with Percutaneous Coronary Intervention VS. Coronary Artery Bypass Graft
Presenting Author: Fangcheng Wu

11:47 AM  Discussion
11:50 AM  TCT 220: Temporal Trends in Chronic Total Occlusion Percutaneous Coronary Interventions: Insights From the PROGRESS CTO Registry
Presenting Author: Evangelia Vemmou

11:57 AM  Discussion
12:00 PM  TCT 221: Initial Report of Safety and Feasibility of Robotic Assisted Chronic Total Occlusion Coronary Intervention
Presenting Author: Taishi Hirai

12:07 PM  Discussion
12:10 PM  TCT 222: Characteristics Procedures and Outcomes of Percutaneous Coronary Intervention for In Stent Chronic Total Occlusion
Presenting Author: Euihong Ko

12:17 PM  Discussion
12:20 PM  TCT 223: Improvement in Ejection Fraction Post Chronic Total Occlusion Intervention guided by PET Viability.
Presenting Author: Jonathan Hansen

12:27 PM  Discussion

ROTATIONAL AND ORBITAL ATERECTOMY, CUTTING/SCORING BALLOONS, AND LITHOTRIPSY

Rotational and Orbital Atherectomy, Cutting/Scoring Balloons, and Lithotripsy
Coronary: CHIP

FRIDAY, SEPTEMBER 27, 2019
11:30 AM - 12:30 PM
Moderated Posters 7, Exhibit Hall, Exhibition Level, Moscone South

11:30 AM - 12:30 PM  Rotational and Orbital Atherectomy, Cutting/Scoring Balloons, and Lithotripsy
Moderators: James Sapontis, Mohamed Ahmed SobhyDiscussants: Jonathan M. Hill, Petr Kala, Manish A. Parikh, Huay Cheem Tan

11:30 AM  TCT 651: Superior Crossability of Novel Cutting Balloon for the Preparation of Calcified Lesion SUPERHERO Study
Presenting Author: Takayuki Ishihara

11:37 AM  Discussion
11:40 AM  TCT 652: Intravascular Lithotripsy For the Management of Undilatable Coronary StEnt: The Multicenter SMILE Registry
Presenting Author: Alfonso Ielasi

11:47 AM  Discussion
11:50 AM  TCT 653: Intravascular lithotripsy for lesion preparation in calcified coronary lesions: First data of prospective observational multicenter registry
Presenting Author: Adem Aksoy

11:57 AM  Discussion
12:00 AM  TCT 654: Feasibility and safety of intravascular lithotripsy in severe calcified left main coronary stenoses
Presenting Author: Carlos Salazar

12:07 AM  Discussion
12:10 AM  TCT 655: Adverse Cardiac Events Among Patients Undergoing Coronary Orbital Atherectomy: A Pooled Meta Analysis of 2303 Procedures
Presenting Author: Arnav Kumar
TAVR: CLINICAL ACCESS AND COST-EFFECTIVENESS - 1

TAVR: Clinical Access and Cost-Effectiveness - 1
Structural: Valve

FRIDAY, SEPTEMBER 27, 2019
11:30 am - 12:30 pm
The Moscone Center

11:30 am TCT 739: Impact of waiting time from referral to procedural date in patients undergoing transcatheter aortic valve replacement
Presenting Author: Janarthanan Sathananthan

11:37 am Discussion

11:40 am TCT 740: Association between surgical risk profiles and total cost or resource utilization after transcatheter aortic valve replacement
Presenting Author: Alexis Okoh

11:47 am Discussion

11:50 am TCT 741: Cost Effectiveness of Transcatheter Aortic Valve Replacement in Patients at Low Surgical Risk: Initial Results Based on One year Outcomes From the Evolut Low Risk Trial
Presenting Author: Paul S. Teirstein

11:57 am Discussion

12:00 pm TCT 742: Comparison of Year Over Year U.S. Hospital Costs BetweenTranscatheter Aortic Valve Replacement TAVRand Surgical Aortic ValveReplacement SAVR
Presenting Author: Carlos E. Sanchez

12:07 pm Discussion

12:10 pm TCT 743: Comparison of Patient and Clinical Factors Within Echocardiogram Reports to Predict Disparity in Care of Patients With Severe Aortic Stenosis
Presenting Author: Hemal Gada

12:17 pm Discussion

12:20 pm TCT 744: Our Experience With TAVR Accessibility
Presenting Author: Frank Annie

12:27 pm Discussion

TAVR: VALVE-IN-VALVE - 2

TAVR: Valve-in-Valve - 2
Structural: Valve

FRIDAY, SEPTEMBER 27, 2019
11:30 am - 12:20 pm
The Moscone Center

11:30 am TCT 760: 30 day echocardiographic assessment ofSelf Expanding and Balloon Expandable valves after Valve in Valve Transcatheter Aortic valve replacement in patients with small surgical prostheses.
Presenting Author: Marloe Prince

11:37 am Discussion

11:40 am TCT 761: Hemodynamic Performances and Clinical Outcomes In Patients Undergoing Valve in valve Versus Native Transcatheter Aortic Valve Implantation.
Presenting Author: Alexandra MEILHAC

11:47 am Discussion

11:50 am TCT 762: Valve in Valve TAVR in Degenerated Aortic Valve Prostheses with Externally Mounted Leaflets
Presenting Author: Magdalena Erlebach

11:57 am Discussion

12:00 pm TCT 763: Valve in valve transcatheter aortic valve replacement versus redo surgical aortic valve replacement: real world outcomes from the National Inpatient Sample 2013 2016
Presenting Author: Grant Kim

12:07 pm Discussion

12:10 pm TCT 764: Comparison of 3rd Generation Self expanding and Balloon expandable Devices in Valve in Valve Treatment of Failing Aortic Valve Bioprostheses
Presenting Author: Felix Woitek

12:17 pm Discussion

TREATMENT OF CONGENITAL HEART DISEASES - 1

Treatment of Congenital Heart Diseases - 1
Structural: Non-Valve

FRIDAY, SEPTEMBER 27, 2019
11:30 am - 12:30 pm
Moderated Posters 8, Exhibit Hall, Exhibition Level, Moscone South
11:30 AM - 12:30 PM
Treatment of Congenital Heart Diseases - 1
Discussant: Doff B. McElhinney, Michael J. Mullen

11:30 AM TCT 765: Anatomical correlates of residual left to right shunt after suture based percutaneous closure of patent foramen ovale
Presenting Author: Gregory Sgueglia
11:37 AM Discussion
11:40 AM TCT 766: Relation of Patent Foramen Ovale to Acute Mountain Sickness
Presenting Author: Preetham Kumar
11:47 AM Discussion
11:50 AM TCT 767: Safety and Feasibility of Same Day Discharge Using the Vancouver PFOASD Clinical Pathway
Presenting Author: Madeleine Barker
11:57 AM Discussion
12:00 PM TCT 768: Suture mediated patent foramen ovale closure with NobleStitch: efficacy at three months transesophageal follow up
Presenting Author: Marco Ancona
12:07 PM Discussion
12:10 PM TCT 769: Aortic Remodeling in Patients Treated with Intravascular Stent Therapy for Coarctation: A Long term Follow Up Single Centre Experience
Presenting Author: Louise Pei
12:17 PM Discussion
12:20 PM TCT 770: Outcomes after Endograft Facilitated Transcatheter Pulmonary Valve Replacement for Failed Repair: Surgical vs Transcatheter Procedures
Presenting Author: Norihiko Kamioka
12:27 PM Discussion

ASSESSMENT OF PATIENTS WITH AORTIC STENOSIS OR AORTIC INSUFFICIENCY - 3

VASCULAR ACCESS AND CLOSURE IN PCI - 2

Vascular Access and Closure in PCI - 2
Coronary: Core

FRIDAY, SEPTEMBER 27, 2019
11:30 AM - 12:30 PM
Moderated Posters 2, Exhibit Hall, Exhibition Level, Moscone South

11:30 AM - 12:30 PM Vascular Access and Closure in PCI - 2
Moderators: Sasko KedevDiscussants: Christos Bourantas, Dharam J. Kumbhani, Michael A. Kutcher

11:30 AM TCT 783: Feasibility of using radial access and 4Fr catheters for coronary pressure wire measurements
Presenting Author: asma mursleen
11:37 AM Discussion

11:40 AM TCT 784: Comparison of Simultaneous Radial Artery with Upper Extremity Venous Access and Femoral Artery with Femoral Vein Access in Patients Undergoing Bilateral Heart Catheterization: A Systemic Review and Meta analysis.
Presenting Author: Ahmed Alabbady
11:47 AM Discussion
11:50 AM TCT 785: Outcomes of Distal Versus Proximal Trans radial Approach for Coronary Angiogram and Percutaneous Coronary Intervention
Presenting Author: Karim Al-Azizi
11:57 AM Discussion
12:00 AM TCT 786: Examination of the Appropriate Hemostatic Time for Cardiac Catheterization in the Distal Radial Artery Approach
Presenting Author: Yukio Mizuguchi
12:07 AM Discussion
12:10 AM TCT 787: Trans radial versus trans femoral access for cardiac catheterization: a nationwide survey of training preferences expertise and comfort among cardiovascular fellows and teaching faculty.
Presenting Author: Khalid Changal
12:17 AM Discussion
12:20 AM TCT 788: Integrative approach following transradial access for coronary angiography yields heparin avoidance ultrafast hemostasis andabsoluteralerad artery patency
Presenting Author: Gregory Sgueglia
12:27 AM Discussion

ASSESSMENT OF PATIENTS WITH AORTIC STENOSIS OR AORTIC INSUFFICIENCY - 3

Assessment of Patients With Aortic Stenosis or Aortic Insufficiency - 3
Structural: Valve

FRIDAY, SEPTEMBER 27, 2019
2:00 PM - 3:00 PM
The Moscone Center

2:00 PM Assessment of Patients With Aortic Stenosis or Aortic Insufficiency - 3
Moderators: Ganesh Manoharan, Igor F. PalaciosDiscussants: Thomas C. McAndrew, Christoph A. Nienaber, Patrick T. O’Gara, Anna Sonia Petronio

2:00 PM TCT 146: Are the three different types of aortic valve stenosis associated with a different level of calcium distribution and localization
Presenting Author: Kerstin Piayda
2:07 PM Discussion
2:10 PM TCT 147: Stress Aortic Valve Index SAVI with Dobutamine for Low Gradient Aortic Stenosis
TCT 148: Does Energy Loss Index Improve the Comparison of Echocardiographic Derived Aortic Valve Area Compared to InvasivelyDerived Aortic Valve Area Pre TAVR
Presenting Author: Rick Gaines
Discussion
2:27 PM

TCT 149: Are Troponins Worth Checking Nationwide Study Comparing Outcomes of Patients With Versus Without Troponinemia Post Transcatheter Aortic Valve Replacement
Presenting Author: Hassaan Arshad
Discussion
2:37 PM

TCT 150: Impact of Physiologic and Molecular Markers on the Progression of Calcific Aortic Valve Stenosis as Measured by Change in Aortic Valve Area: A Meta analysis and Meta regression
Presenting Author: Sareena George
Discussion
2:47 PM

TCT 151: Elective Non cardiac Surgery in Patients with Severe Aortic Stenosis: Observations from the CURRENT AS Registry
Presenting Author: Tomohiko Taniguchi
Discussion
2:57 PM

CHRONIC TOTAL OCCLUSIONS - 3

FRIDAY, SEPTEMBER 27, 2019
2:00 PM - 3:00 PM
Moderated Posters 6, Exhibit Hall, Exhibition Level, Moscone South

TCT 224: High Risk Chronic Total Occlusion Percutaneous Coronary Interventions Assisted with Tandem Heart
Presenting Author: Saroj Neupane
Discussion
2:07 PM

TCT 225: Gender differences in long term outcomes of medical therapy and successful percutaneous coronary intervention for coronary chronic total occlusions
Presenting Author: Lei Guo
Discussion
2:10 PM

TCT 226: ElectroCautery Facilitated Crossing ECFC of Chronic Total Occlusions
Presenting Author: Saroj Neupane
Discussion
2:17 PM

TCT 227: Efficacy of Coronary Sinus Reducer in Patients with non Revascularized Chronic Total Occlusions: a Multicentre Experience
Presenting Author: Carlo Zivelonghi
Discussion
2:20 PM

TCT 228: Impact of Mildly Impaired Renal Function on Clinical Outcomes of Percutaneous Coronary Intervention vs. Medical Therapy for Coronary chronic total occlusions
Presenting Author: Stefano Galli
Discussion
2:27 PM

BIORESORBABLE SCAFFOLDS - METALLIC

Bioresorbable Scaffolds - Metallic
Coronary: Core
FRIDAY, SEPTEMBER 27, 2019
2:00 PM - 3:00 PM
Moderated Posters 2, Exhibit Hall, Exhibition Level, Moscone South

TCT 188: Safety and Clinical Performance of the Drug Eluting Absorbable Metal Scaffold in the Treatment of Subjects With de Novo Lesions in Native Coronary Arteries at 36 month Follow up BIOSOLVE II and BIOSOLVE III
Presenting Author: Michael Haude
Discussion
2:00 PM

TCT 189: Magnesium BRS implantation in ACS population midterm follow up
Presenting Author: Magdalena Lanocha
Discussion
2:07 PM

TCT 190: Longterm outcome of magnesium BRS implantation in ACS
Presenting Author: Magdalena Lanocha
Discussion
2:10 PM

TCT 191: Feasibility and Mid term Outcomes of Bioabsorbable Magnesium Scaffold Implantation in Acute Coronary Syndromes
Presenting Author: Livia Luciana Gheorghe
Discussion
2:30 PM

TCT 192: Late Coronary Healing Assessed with Optical Coherence Tomography after Magnesium Bioresorbable Scaffold Implantation
Presenting Author: Christian Oliver Fallesen
Discussion
2:40 PM

TCT 193: Sustained safety and efficacy of Magmaris bioabsorbable scaffold. A 2 years FU analysis from pooled multicentre italian experience
Presenting Author: Stefano Galli
Discussion
2:50 PM
TRANSCATHETER VALVE THERAPY | FRIDAY, SEPTEMBER 27, 2019

2:47 PM Discussion
2:50 PM TCT 229: Outcomes of Investment Procedures in Chronic Total Occlusion Interventions
   Presenting Author: Ioannis Xenogiannis
2:57 PM Discussion

CORONARY BIFURCATION INTERVENTION

FRIDAY, SEPTEMBER 27, 2019
2:00 PM - 3:00 PM
Moderated Posters 8, Exhibit Hall, Exhibition Level, Moscone South

2:00 PM - 3:00 PM
Coronary Bifurcation Intervention
Moderators: J. Dawn Abbott, Yaron Almagor
Discussants: Atul Abhyankar, Khaldoon F. Alaswad, Arif Al Nooryani, Vinay K. Bahl, Dimitrios Bliagos

2:00 PM TCT 242: Detection and Classification of Coronary Bifurcation Lesions by Using Artificial Intelligence
   Presenting Author: Xuqing Liu
2:07 PM Discussion
2:10 PM TCT 243: Rotablation approach for bifurcation lesions
   Presenting Author: Jorge Palazuelos
2:17 PM Discussion
2:20 PM TCT 244: Impact of Different Methods of Lesion Preparation on Side Branches in Calcified Coronary Bifurcations: A Subanalysis of the Randomized PREPARE CALC Trial.
   Presenting Author: Abdelhakim Allali
2:27 PM Discussion
2:30 PM TCT 245: Contemporary Bifurcation Treatment Practice: What We Can Learn From a Large Global Registry
   Presenting Author: Bernard R. Chevalier
2:37 PM Discussion
2:40 PM TCT 246: The Efficacy of Modified Jailed Balloon Technique for Bifurcation Lesions in Long term Follow up
   Presenting Author: Koki Shishido
2:47 PM Discussion
2:50 PM TCT 247: The relationship between Balloon Pressure and Mid term Restenosis in Second generation DES Implantation for Non left Main Trunk Bifurcation Lesions by Culotte Stenting
   Presenting Author: KOYA OKABE
2:57 PM Discussion

IMAGING-DERIVED PHYSIOLOGIC LESION ASSESSMENT - 2

FRIDAY, SEPTEMBER 27, 2019
2:00 PM - 2:50 PM
Moderated Posters 4, Exhibit Hall, Exhibition Level, Moscone South

2:00 PM - 2:50 PM
Imaging-Derived Physiologic Lesion Assessment - 2
Moderators: Tim P. Van de Hoef, Bonnie H. Weiner
Discussants: John McB. Hodgson, Haibo Jia

2:00 PM TCT 329: Full Hemodynamic Characterization Of Intracoronary Physiology: Merging Advanced Grayscale Intravascular Ultrasound With Fractional Flow Reserve
   Presenting Author: Cristiano Guedes Bezerra
2:07 PM Discussion
2:10 PM TCT 330: Accuracy of virtual coronary stenting using computed tomography derived fractional flow reserve
   Presenting Author: Pepijn van Diemen
2:17 PM Discussion
2:20 PM TCT 331: Correlation Between 3D QCA Based FFR and Quantitative Lumen Assessment by IVUS for Left Main Coronary Stenoses the FAST Left Main Study
   Presenting Author: Mariusz Tomanik
2:27 PM Discussion
2:30 PM TCT 332: Pre op Diagnosis of Silent Coronary Ischemia Using CT derived Fractional Flow Reserve FFCT may Reduce Post op MI and Death in Patients Undergoing Peripheral Vascular Surgery
   Presenting Author: Dains K. Krievins
2:37 PM Discussion
2:40 PM TCT 333: Comparison of Diagnostic Accuracy between Quantitative Flow Ratio QFR Instantaneous Wave free Ratio iFR and DILEMMA score against Fractional Flow Reserve FFR
   Presenting Author: Ojas Mehta
2:47 PM Discussion

SVG INTERVENTION

FRIDAY, SEPTEMBER 27, 2019
2:00 PM - 3:00 PM
Moderated Posters 7, Exhibit Hall, Exhibition Level, Moscone South

2:00 PM - 3:00 PM
SVG Intervention

Presenting Author: Lei Guo
2:47 PM Discussion
2:00 PM  TCT 673: Retrograde Chronic Total Occlusion Percutaneous Coronary Interventions via Saphenous Vein Grafts  
Presenting Author: Iosif Xenogiannis

2:07 PM  Discussion

2:10 PM  TCT 674: In Stent Restenosis in Saphenous Vein Grafts: Insights From the DIVA trial  
Presenting Author: Iosif Xenogiannis

2:17 PM  Discussion

2:20 PM  TCT 675: Direct Stenting versus Adjunctive Balloon Angioplasty for Saphenous Vein Graft Percutaneous Coronary Intervention  
Presenting Author: Faisal Latif

2:27 PM  Discussion

2:30 PM  TCT 676: Outcomes Following Percutaneous Coronary Intervention PCI in Saphenous Vein Grafts SVG with and without Embolic Protection Device  
Presenting Author: Ahmad Shoib

2:37 PM  Discussion

2:40 PM  TCT 677: Bare Metal Versus Drug Eluting Stents For Saphenous Vein Graft Interventions: A Systematic Review and Meta Analysis  
Presenting Author: Muhammad Siddique Pir

2:47 PM  Discussion

2:50 PM  TCT 678: Long Term Outcomes of Revascularization Post Coronary Artery Bypass Surgery  
Presenting Author: Novalia Purnama Sidik

2:57 PM  Discussion

---

TAVR: CLINICAL ACCESS AND COST-EFFECTIVENESS - 2

TAVR: Clinical Access and Cost-Effectiveness - 2  
Presenting Author: Karolina Jaluba

2:17 PM  Discussion

2:20 PM  TCT 747: Transcatheter Aortic Valve Implantation Using Medtronic Evolut R Versus Medtronic CoreValve in Australia. A Model based Cost effectiveness Analysis  
Presenting Author: Jan B. Pietzsch

2:27 PM  Discussion

2:30 PM  TCT 748: Nurse Led Sedation: The Clinical and Echocardiographic Outcomes of the 7 Year Emory Experience  
Presenting Author: John Lisko

2:37 PM  Discussion

2:40 PM  TCT 749: The Influence of Severe Aortic Valve Stenosis on Five year Economic Outcomes Among Older Medicare Beneficiaries.  
Presenting Author: Abdulla Damluji

2:47 PM  Discussion

2:50 PM  TCT 750: Hospital Inpatient Percutaneous Coronary Intervention Volume Does Not Impact Transcatheter Aortic Valve Replacement and MitraClip Outcomes  
Presenting Author: Neel Butala

2:57 PM  Discussion

---

TAVR VS. SAVR AND TAVR VS. TAVR - 1

TAVR vs. SAVR and TAVR vs. TAVR - 1  
Moderators: Marc Ruel  
Discussants: Carlos E. Ruiz, Ulrich Schäfer, Hiroo Takayama

2:00 PM  TCT 721: Outcomes of Transcatheter versus Surgical Aortic Valve Replacement in Low Risk Patients: A Meta Analysis of Randomized Controlled Trials  
Presenting Author: Matias Yudi

2:07 PM  Discussion

2:10 PM  TCT 722: Temporal Trends of 30 Day Readmission for Patients Undergoing Transcatheter or Surgical Aortic Valve Replacement: A Nationwide Cohort Study  
Presenting Author: Yasser Al-khadra

2:17 PM  Discussion

2:20 PM  TCT 723: Transcatheter versus Surgical Aortic Valve Replacement in Patients with Severe Aortic Stenosis: A Systematic Review and Meta analysis of Randomized Controlled Trials  
Presenting Author: Lian Wang

2:27 PM  Discussion
ATRIAL FIBRILLATION IN PATIENTS UNDERGOING CATHETER-BASED INTERVENTION

Atrial Fibrillation in Patients Undergoing Catheter-Based Intervention

FRIDAY, SEPTEMBER 27, 2019
3:00 PM - 4:00 PM
The Moscone Center

3:00 PM Atrial Fibrillation in Patients Undergoing Catheter-Based Intervention
Moderators: Kurt Huber, Michael A. KutcherDiscussants: Martin W. Bergmann, Petr Kola, Duk-Woo Park, Ramon Quesada

3:00 PM TCT 152: Use of the PRECISE DAPT score to predict mortality in patients with atrial fibrillation undergoing percutaneous coronary intervention.
Presenting Author: Anum Asif

3:07 PM Discussion

3:10 PM TCT 153: Impact of Atrial Fibrillation on Revascularization Strategies in Patients with Acute Myocardial Infarction
Presenting Author: poonam bhyan

3:17 PM Discussion

3:20 PM TCT 154: In hospital Outcome of Endovascular Intervention vs Surgical Revascularization among Patients with Atrial Fibrillation
Presenting Author: Homam Moussa Pacha

3:27 PM Discussion

3:30 PM TCT 155: In hospitalOutcomes and Trends of Limb Revascularization Procedures in Patients with and without Atrial fibrillation
Presenting Author: Homam Moussa Pacha

3:37 PM Discussion

3:40 PM TCT 156: Patterns of Therapy Cessation in Patients with Atrial Fibrillation Undergoing Percutaneous Coronary Intervention: Insights from the AVIATOR 2 International Registry
Presenting Author: Ridhima Goel

3:47 PM Discussion

3:50 PM TCT 157: Budget Implications of AF Stroke Risk Reduction Strategies to Medicare and Medicare Beneficiaries: An Analysis of Pooled Long term Trial Data
Presenting Author: Vivek Y. Reddy

3:57 PM Discussion
OUT-OF-HOSPITAL ARREST

Out-of-Hospital Arrest

Coronary: CHIP

FRIDAY, SEPTEMBER 27, 2019
3:00 PM - 4:00 PM
Moderated Posters 4, Exhibit Hall, Exhibition Level, Moscone South

3:00 PM - 4:00 PM
Out-of-Hospital Arrest
Moderators: Richard Smalling, Jack Wei Chieh Tan
Discussants: Thomas D. Stuckey, George W. Vetrovec, Marco V. Wainstein

3:00 PM
TCT 519: Impact of Immediate Coronary Angiography on In hospital and Intermediate Term Survival In Patients With Out of Hospital Cardiac Arrest And No ST Segment Elevation: Updated Meta Analysis
Presenting Author: Bhavi Pandya

3:07 PM
Discussion

3:10 PM
TCT 520: Optimal Timing of Coronary Intervention in Patient Survived from Cardiac Arrest Without ST Acute Coronary Syndrome: A Systematic Review and Meta analysis
Presenting Author: mahmoud barbarawi

3:17 PM
Discussion

3:20 PM
TCT 521: Immediate Neurologic Recovery After Out of Hospital Cardiac Arrest is the Only Multivariate Predictor of Survival
Presenting Author: Amir Khan

3:27 PM
Discussion

3:30 PM
TCT 522: Single tertiary center UK experience across 2 large sites for patients presenting as out of hospital cardiac arrests OHCAs
Presenting Author: Sharmaine Thiru

3:37 PM
Discussion

3:40 PM
TCT 523: Rapid Neurological Recovery Predicts Survival in Out Of Hospital Cardiac Arrest OHCAs due to Acute Ischemia Regardless of ECG Pattern
Presenting Author: Amir Khan

3:47 PM
Discussion

3:50 PM
TCT 524: Sex Differences in Survival From Out of Hospital Cardiac Arrest: Insights from the National Inpatient Sample
Presenting Author: Yulanka Castro

3:57 PM
Discussion

Peripheral Vascular Intervention - 4

Peripheral Vascular Intervention - 4

Vascular

FRIDAY, SEPTEMBER 27, 2019
3:00 PM - 4:00 PM
Moderated Posters 3, Exhibit Hall, Exhibition Level, Moscone South

3:00 PM - 4:00 PM
Peripheral Vascular Intervention - 4
Moderators: Debabrata Mukherjee
Discussants: Jan Kovac, Michael S. Lee, Jihad A. Mustapha, Ivo Petrov

3:00 PM
TCT 569: Periprocedural Outcomes of Lead Extraction in Patients With or Without Abandoned Leads: A Metanalysis
Presenting Author: Varun Kohli

3:07 PM
Discussion

3:10 PM
TCT 570: Impact of Modified Composite WIFI Score Including Patient Background and Anatomic pattern for Predicting Wound healing on Clinical Outcomes in Chronic Limb Threatening Ischemia Patients after Endovascular Therapy
Presenting Author: Kenji Makino

3:17 PM
Discussion

3:20 PM
TCT 571: Glasgow Prognostic Score Predict the Clinical Outcomes in Critical Limb Ischemia with Tissue Loss after Endovascular Treatment
Presenting Author: Kenji Makino

3:27 PM
Discussion

3:30 PM
TCT 571: Glasgow Prognostic Score Predict the Clinical Outcomes in Critical Limb Ischemia with Tissue Loss after Endovascular Treatment
Presenting Author: Kenji Makino

3:37 PM
Discussion

3:40 PM
TCT 573: Direct transpedal pressure measurement during transpedal below the knee interventions in critical limb ischemia
Presenting Author: Zoltan Ruzsa

3:47 PM
Discussion

3:50 PM
TCT 574: More Fresh Thrombi in Cardio Embolic Than Vascular Related Acute Vessel Syndromes
Presenting Author: Martijn Meuwissen

3:57 PM
Discussion

RESTING PHYSIOLOGIC INDICES

Resting Physiologic Indices

Coronary: Core

FRIDAY, SEPTEMBER 27, 2019
3:00 PM - 4:00 PM
Moderated Posters 7, Exhibit Hall, Exhibition Level, Moscone South

3:00 PM - 4:00 PM
Resting Physiologic Indices
Moderators: Guy J. Friedrich
Discussants: Felix Bohm, Carlos Collet, Joost Daemen, Peter J. Fitzgerald

3:00 PM
TCT 621: Diagnostic performance of resting full cycle ratio as newly developed non hyperemic indices for physiological lesion assessment when directly compared with fractional flow reserve as a reference standard
TAVR COMORBIDITIES AND COMPLICATIONS - 1

- TAVR Comorbidities and Complications - 1
  - Structural: Valve

  **TAVR Comorbidities and Complications - 1**

  **FRIDAY, SEPTEMBER 27, 2019**
  3:00 PM - 4:00 PM
  Moderated Posters 6, Exhibit Hall, Exhibition Level, Moscone South

  - **TCT 622**: Respiration related variations in PdPa ratio and fractional flow reserve in resting conditions and during intravenous adenosine administration
    - Presenting Author: Rutger Feenstra
  - **TCT 623**: Objective identification of stenoses inducing myocardial ischemia using sequential iFR FFR and intracoronary flow measurements
    - Presenting Author: Valérie E. Stegehuis
  - **TCT 624**: The Utility of Saline induced Resting Full cycle Ratio Compared with Resting Full cycle ratio and Fractional Flow Reserve
    - Presenting Author: Takao Sato
  - **TCT 625**: Coronary physiologic parameters and discordance between Resting Full cycle Ratio and FFR based decision making on myocardial revascularization
    - Presenting Author: Łukasz Niewiara
  - **TCT 626**: Correlation between fractional flow reserve and resting full cycle ratio RFR in the assessment of the clinical significance of borderline stenosis in patient with stable coronary artery disease
    - Presenting Author: Bartlomiej Guzik

  **Discussion**

  **TREATMENT OF CONGENITAL HEART DISEASES - 2**

  **Treatment of Congenital Heart Diseases - 2**
  Structural: Non-Valve

  **FRIDAY, SEPTEMBER 27, 2019**
  3:00 PM - 4:00 PM
  Moderated Posters 6, Exhibit Hall, Exhibition Level, Moscone South

  - **TCT 771**: Percutaneous device closure of ruptured sinus of Valsalva: feasibility of transthoracic echocardiography assisted procedure
    - Presenting Author: Arvind Balaji
  - **TCT 772**: Lack of thrombosis and other stitch related complication after percutaneous suture mediated closure of patent foramen ovale: a 120000 patient days follow study
    - Presenting Author: Gregory Sgueglia
  - **TCT 773**: Percutaneous Closure of Patent Foramen Ovale in Patients With Migraine A Patient Level Meta Analysis of PREMIUM and PRIMA Trials
    - Presenting Author: Preetham Kumar

  **Discussion**
VASCULAR ACCESS FOR TAVR - 1

**Vascular Access for TAVR - 1**

**Structural: Valve**

**FRIDAY, SEPTEMBER 27, 2019**

3:00 PM - 4:00 PM
Moderated Posters 1, Exhibit Hall, Exhibition Level, Moscone South

3:00 PM
TCT 801: Vascular complications in Transaxillary TAVI: Incidence and predictors incorporating CTA measurements
Presenting Author: marleen van Wely

3:07 PM
TCT 802: A Novel Ultrasound navigated versus Conventional Vascular Closing Technique using MANTA following Transfemoral Transcatheter Aortic Valve Replacement
Presenting Author: Noriaki Moriyama

3:17 PM
Discussion

3:20 PM
TCT 803: Clinical outcomes after TAVR in patients with and without peripheral arterial disease: Results from the BRAVO 3 Randomized Trial
Presenting Author: Rishi Chandiramani

3:27 PM
Discussion

3:30 PM
TCT 804: Outcomes of Trans Carotid TAVR in a high volume center
Presenting Author: Vishesh Kumar

3:37 PM
Discussion

3:40 PM
TCT 805: Impact of Major Vascular Complications on Outcome following Transfemoral Transcatheter Aortic Valve Replacement
Presenting Author: Noriaki Moriyama

3:47 PM
Discussion

3:50 PM
TCT 789: Comparison of Radial With Femoral Access Coronary Angiography in Patients With Previous Coronary Artery Bypass Surgery
Presenting Author: amir orlev

3:57 PM
Discussion

**CATH LAB OF THE FUTURE - 2**
CORONARY PERFORATION AND CARDIAC TAMPOANDE

Coronary Perforation and Cardiac Tamponade
Coronary: CHIP

FRIDAY, SEPTEMBER 27, 2019
4:00 PM - 4:50 PM
Moderated Posters 6, Exhibit Hall, Exhibition Level, Moscone South

4:00 PM - 4:50 PM
Coronary Perforation and Cardiac Tamponade
Moderators: Itshac Itsik Ben-dorDiscussants: Wacin Buddhari, James Cockburn

4:00 PM
TCT 248: Coronary Artery Perforation During Chronic Total Occlusion Percutaneous Coronary Intervention: Epidemiology Mechanisms Management and Outcomes
Presenting Author: Lorenzo Azzalini

4:07 PM
Discussion

4:10 PM
TCT 249: Coronary Artery Perforations: Glasgow Natural History Study of Covered Stent Coronary Interventions GNOCCI study
Presenting Author: Tom J. Ford

4:17 PM
Discussion

4:20 PM
TCT 250: Prevalence and Predictors of Coronary Artery Perforation during Percutaneous Coronary Interventions data from the ORPKI National Registry in Poland
Presenting Author: Michal Wegiel

4:27 PM
Discussion

4:30 PM
TCT 251: SOS PK Papyrus an Observational Study of Patients with Covered PK Papyrus Stent.
Presenting Author: Loic Belle

4:37 PM
Discussion

4:40 PM
TCT 252: Pericardial Tamponade Secondary to Complications of Interventional and Endovascular Procedures
Presenting Author: Daniel Johnsrud

4:47 PM
Discussion

STENT THROMBOSIS AND RESTENOSIS - 2

Stent Thrombosis and Restenosis - 2
Coronary: CHIP

FRIDAY, SEPTEMBER 27, 2019
4:00 PM - 4:50 PM
Moderated Posters 2, Exhibit Hall, Exhibition Level, Moscone South

4:00 PM
TCT 335: Interventional Outflow Graft Closure in Patients with Left Ventricular Assist Device Unsuitable for Surgical Explantation
Presenting Author: Marcus Sandri

4:07 PM
Discussion

4:10 PM
TCT 336: Use of a percutaneous temporary mechanical circulatory support as a bridge to decision in advanced heart failure patients listed for heart transplantation.
Presenting Author: Alexis Okoh

4:17 PM
Discussion

4:20 PM
TCT 337: Outcomes of heart failure with reduced ejection fraction HFrEF status post implanteable cardioverter defibrillator ICD presenting with HFrEF exacerbation with versus without atrial fibrillation AF
Presenting Author: Hassaan Arshad

4:27 PM
Discussion

4:30 PM
TCT 338: Electrical Microcurrent Therapy for Treatment of Chronic Systolic Heart Failure: Animal and First in Man Data
Presenting Author: L. Christian Napp

4:37 PM
Discussion

4:40 PM
TCT 339: Partial Inferior Vena Cava Occlusion During Exercise in Heart Failure Patients Prevents Left Ventricular Pressure Overload Improves Exercise Times and Reduces Respiratory Rate: Mechanical Balancing of Bi Ventricular Function as a Novel Therapy for Heart Failure Qualify of Life
Presenting Author: Daniel Kaiser

4:47 PM
Discussion

INTERVENTIONAL HEART FAILURE

Interventional Heart Failure
Structural: Non-Valve

FRIDAY, SEPTEMBER 27, 2019
4:00 PM - 4:50 PM
Moderated Posters 5, Exhibit Hall, Exhibition Level, Moscone South

4:00 PM
TCT 662: Patients Who Do Not Receive Drug Eluting Stent for In stent Restenosis Characteristics and Outcomes
VASCULAR ACCESS FOR TAVR - 2

Ventricular Assist and Management of Cardiogenic Shock - 3

4:00 PM - 4:50 PM

Moderated Posters 1, Exhibit Hall, Exhibition Level, Moscone South

Moderators: Gert Richardt
Discussants: Arnold Seto, Fayaz Shawl, Satya Shreenivas

4:00 PM

TCT 822: Culprit Vessel Only Versus Multivessel Percutaneous Coronary Intervention in Patients With NSTEMI and Cardiogenic Shock: Insights From the NCDR CathPCI Registry
Presenting Author: Mohamed Omer

4:07 PM

Discussion

4:10 PM

TCT 823: Percutaneous Balloon Atrial Septostomy for Left Ventricle Unloading in Patients under ECLS.
Presenting Author: Guillaume Leurent

4:17 PM

Discussion

4:20 PM

TCT 824: Is there any difference between Intra Aortic Balloon Pump and peripheral LVAD for treatment of Cardiogenic Shock : A Clinical comparison
Presenting Author: Daniel Garcia, MD

4:27 PM

Discussion

4:30 PM

Presenting Author: Colin Hirst

4:37 PM

Discussion

4:40 PM

TCT 826: Gender Disparities in Survival Outcomes in Acute Myocardial Infarction Complicated by Cardiogenic Shock Treated with Advanced Mechanical Circulatory Support
Presenting Author: Michael Sobieraj

4:47 PM

Discussion

VENTRICULAR ASSIST AND MANAGEMENT OF CARDIGENIC SHOCK - 3

Ventricular Assist and Management of Cardiogenic Shock - 3
Coronary: CHIP

FRIDAY, SEPTEMBER 27, 2019
4:00 PM - 4:50 PM
Moderated Posters 8, Exhibit Hall, Exhibition Level, Moscone South
9:30 am - 10:15 am  
**Featured Lecture: Freddy Abnousi, Head of Healthcare – Research Facebook**  
Moderators: Robert M. Califf, Discussants: Wayne B. Batchelor, Ralph G. Brindis, C. Michael Gibson, Robert A. Harrington, Jessica L. Mega, Roxana Mehran, Cheryl Pegues, Celina M. Yong  

9:30 am  
**Featured Lecture: Social Determinants of Health: The Future of Health Assessment in the Digital World**  
Lecturer: Freddy Abnousi  

9:50 am  
**Roundtable Discussion With Audience QA**  

10:15 am - 10:45 am  
**TCT 2019 Linnemeier Young Investigator Award**  
Moderator: Martin B. Leon, Gregg W. Stone  

10:30 am - 11:30 am  
**Late-Breaking Trials 3, Co-Sponsored by Journal of the American Medical Association**  
Moderators: Juan F. Granada, Discussants: Michael A. Borger, James B. Hermiller Jr, Martin B. Leon, Mark Reisman, Nir Uriel  
Co-Moderators: Jean FAJADET, Stuart J. Pocock  

10:30 am  
**COAPT: 3 Year Outcomes From a Randomized Trial of the MitraClip in Patients With Heart Failure and Severe Secondary Mitral Regurgitation**  
Lecturer: Michael J. Mack  

10:42 am  
**Roundtable Discussion With Audience QA**
8:00 AM - 10:15 AM

**Session I: Live Cases: Coronary**

Live Case Moderators: George D. Dangas
Live Case Co-Moderators: Susheel K. Kodali

8:00 AM

Apollo Hospital Hyderabad India
Live Case Operator: RAMA KRISHNA JANAPATI, Sanjeeva Kumar, Sreenivas Aarramroju Kumar, Gokul Mandala Reddy

8:45 AM

Golden Jubilee National Hospital Glasgow United Kingdom
Live Case Operator: Margaret B. McEntegart

9:30 AM

Apollo Hospital Hyderabad India
Live Case Operator: RAMA KRISHNA JANAPATI, Sanjeeva Kumar, Sreenivas Aarramroju Kumar, Gokul Mandala Reddy

10:15 AM - 12:00 PM

**Session II: Live Cases: Coronary**

Live Case Moderators: Roxana Mehran
Live Case Co-Moderators: Cindy L. Grimes
Live Case Discussants: Rasha Al-Lamee, Hector M. Garcia-Garcia, Philippe E. Gaspar, E. Magnus Ohman, Mohamed Ahmed Sobhy, Marco Valgimigli, Pascal Vranckx, Bonnie H. Weiner

10:15 AM

Golden Jubilee National Hospital Glasgow United Kingdom
Live Case Operator: Margaret B. McEntegart

11:00 AM

Instituto Dante Pazzanese de Cardiologia Sau Paulo Brazil
Live Case Operators: Alexandre Abizaid, Daniel Chanie, Jose de Ribamar Costa Jr, Dimytri Alexandre Siqueira

HYPERTENSION THERAPIES: RENAL DENERVATION AND BEYOND

**Hypertension Therapies: Renal Denervation and Beyond**

**Vascular**

**SATURDAY, SEPTEMBER 28, 2019**

8:00 AM - 12:07 PM

Room 156/158

8:00 AM

The Essentials of Blood Pressure Measurement: Office Home And Ambulatory And Why It Matters
Lecturer: Michael A. Weber

8:08 AM

Roundtable Discussion With Audience QA

8:13 AM

Sex Based Differences in Hypertension Management: Do They Exist
Lecturer: Ianita L. Pina

8:20 AM

Roundtable Discussion With Audience QA

8:24 AM

Race Based Differences in Hypertension Management: Whats Relevant
Lecturer: Clyde W. Yancy

8:31 AM

Roundtable Discussion With Audience QA

8:35 AM

Non Adherence in Uncontrolled Hypertension: How to Assess and Manage
TREATMENT OF CORONARY CALCIFICATION

TREATMENT OF CORONARY CALCIFICATION

Treatment of Coronary Calcification

Coronary: CHIP

SATURDAY, SEPTEMBER 28, 2019
8:00 am - 10:00 am
Room 151/153

8:00 am - 8:48 am
Section I: Overview and Devices
Moderators: J. Dawn Abbott, Azeem Latib
Discussants: Mirvat Alasnag, Nirat Beohar, Sarah Fairley, Prashant Kaul, Carey D. Kimmelstiel, Gert Richardt

8:00 am Case Introductions: A Heavily Calcified Complex Coronary Artery
Case Presenter: Prashant Kaul

8:02 am Specialty Balloons and Laser Atherectomy for Coronary Calcification: When and How

8:48 am - 10:00 am
Session II: Device-Based Hypertension Trial Update — What’s New, What’s Relevant, and What’s Next?
Moderators: Thomas F. Luscher, Felix Mahfoud
Discussants: George D. Dangas, Chandan Devireddy, David P. Lee, Melvin D. Lobo, Chaim S. Lotan, Christian Ukena

8:59 am Update on SPRYRAL Trials Program: Radiofrequency Renal Denervation: Lessons Learned Ongoing Efforts
Lecturer: Michael Böhm

9:09 am Roundtable Discussion With Audience QA

9:14 am Update on RADIANCE Trials Program: Ultra Sound Renal Denervation: Lessons Learned Ongoing Efforts
Lecturer: Ajay J. Kirtane

9:24 am Roundtable Discussion With Audience QA

9:29 am Update on Target BP Trials Program: Chemical Renal Denervation: Lessons Learned Ongoing Efforts
Lecturer: Felix Mahfoud

9:36 am Roundtable Discussion With Audience QA

9:40 am Magnitude of Antihypertensive Effect After Renal Denervation: Is It Sufficient for High Risk as Well as Low Risk Patients
Lecturer: Thomas F. Luscher

9:47 am Roundtable Discussion With Audience QA

9:51 am Update on CALM II Trial: Endovascular Baroreflex Stimulation
Lecturer: Gregg W. Stone

9:58 am Roundtable Discussion With Audience QA

10:02 am Update on ROX Trial Program: AV Fistula Creation

10:09 am Roundtable Discussion With Audience QA

10:11 am Backbeat Update: Pacemaker Mediated Baroreflex Stimulation
Lecturer: Daniel Burkhoff

10:17 am Roundtable Discussion With Audience QA

10:21 am Device Based Hypertension Treatments: Defining Responders and Predictors of Response
Lecturer: Naomi Fisher

10:28 am Roundtable Discussion With Audience QA

10:33 am Debate: An Outcome Study For Device Based Hypertension Approaches Is...
10:33 am Pro: An Outcome Study for Device Based Hypertension Approaches Is Needed Before Widespread Use Can Be Recommended
Lecturer: Bernard J. Gersh

10:40 am Con: An Outcome Study for Device Based Hypertension Approaches Is Not Needed Before Widespread Use Can Be Recommended
Lecturer: Andrew Sharp

10:47 am Innovative Trial Designs in Device Based Hypertension Treatment
Lecturer: Atul Pathak

10:54 am Roundtable Discussion With Audience QA

11:01 am - 12:07 pm
Session III: Procedural Aspects and Indications Beyond Hypertension
Moderators: Horst Sievert, Thomas Zeller
Discussants: Daniel Burkhoff, Philipp Lurz, Farrell O. Mendelsohn, Ann Marie Navar, Andrew Sharp, Jie Wang

11:01 am What Are the Essential Differences Between Renal Denervation Devices and Procedures and Do They Matter
Lecturer: Philipp Lurz

11:09 am Roundtable Discussion With Audience QA

11:14 am Sensing Renal Nerve Activity Before During and After Denervation I: Autonomix
Lecturer: Robert S. Schwartz

11:20 am Sensing Renal Nerve Activity Before During and After Denervation II: Symap
Lecturer: Jie Wang

11:26 am Sensing Renal Nerve Activity Before During and After Denervation III: Pythagoras
Lecturer: Joost Daemen

11:32 am Roundtable Discussion With Audience QA

11:37 am Device Based Autonomic Modulation in Heart Failure
Lecturer: Michael Böhm

11:44 am Device Based Autonomic Modulation in Supraventricular and Ventricular Arrhythmias
Lecturer: Christian Ukena

11:51 am Device Based Autonomic Modulation in Renal Failure
Lecturer: Roland E. Schmieder

11:58 am Roundtable Discussion With Audience QA
TRICUSPID REGURGITATION: EVOLVING CONCEPTS AND TECHNOLOGIES
The CTO Summit: Part 1

The CTO Summit: Part 1
Coronary: CHIP

Saturday, September 28, 2019
10:00 AM - 12:00 PM
Room 151/153

10:00 AM - 10:50 AM
Session I: CTO PCI in 2019 — New Data, Terminology, Scoring Systems, and Controversies
Moderators: Calm Hrannaty, David E. KandzariDiscussants: Emmanouil S. Brilakis, Evald H. Christiansen, Paul Hsien-Li Kao, Adam C. Salisoby, Gerald S. Werner, Bo Xu

10:00 AM
CTO PCI 2019 Literature Update
Lecturer: Ajay J. Kirtane

10:10 AM
A Universal Dictionary for CTO Terminology and Standardization of CTO PCI Trials CTO ARC
Lecturer: Luiz F. Ybarra

10:17 AM
Debate 1: Are CTO Scores Useful
10:17 AM
Yes They Are and Should Be Part of All Pre Procedural Planning and Case Selection
Lecturer: Alfredo R. Galassi

10:23 AM
No They Are Not: Its All About the Operator
Lecturer: William L. Lombardi

10:29 AM
Roundtable Discussion With Audience QA
Lecturer: William L. Lombardi

10:34 AM
Debate 2: Should CTO PCI Be Performed in Most Patients With Multivessel Disease
10:34 AM
No We Should Not Do Procedures Just Because We Can: Show Me the Data
Lecturer: Robert W. Yeh

10:39 AM
Yes the Goal Should Be Complete Revascularization
Lecturer: Jeffrey W. Moses

10:44 AM
Roundtable Discussion With Audience QA

10:50 AM - 12:00 PM
Session II: Procedural Basics
Moderators: Georgios SianosDiscussants: Ingibjorg J. Gudmundsdittir, Arun Kalyanasundaram, Paul Knaapen, Husam Noor, Ling Tao, R. Michael Wyman, Masahisa Yamane

10:50 AM
CTO Guidewire and Technique Update: Navigating the Equipment Maze and the Role of EscalationDe Escalation
Lecturer: Masahisa Yamane

10:57 AM
Microcatheter Update and Manipulation Techniques: Is There a Role for Antegrade and Retrograde Dedicated Microcatheters in 2019
Lecturer: Raja Hatem

11:04 AM
Angiogram Performance and Evaluation for the CTO Operator: Proximal Cap Distal Cap Lesion Length and Collateral Assessment
Lecturer: Sanjog Kalra

11:11 AM
Contemporary Antegrade Dissection and Re Entry: Step by Step Technique
Lecturer: Jennifer A. Tremmel

11:18 AM
The Retrograde Approach: Step by Step Instructions
Lecturer: Georgios Sianos

11:25 AM
CTO PCI Strategies to Navigate The Hierarchy of Risk: From AWE to ADR to Retrograde to Epicardials
**CORONARY DRUG-COATED BALLOONS AND BIORESORBABLE SCAFFOLDS**

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Lecturer(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:32</td>
<td>Roundtable Discussion With Audience QA</td>
<td></td>
</tr>
<tr>
<td>11:40</td>
<td>IVUS Usage in CTO PCI Stent Optimization Proximal Cap Ambiguity Dissections Re Entry</td>
<td>Dimitri Karmpaliotis</td>
</tr>
<tr>
<td>11:48</td>
<td>Maximizing CTO PCI Durability Optimizing Vessel Healing Avoiding Stent Fractures Using Adjunctive Technologies Including Drug Eluting Balloons</td>
<td>Paul Knaapen</td>
</tr>
<tr>
<td>11:56</td>
<td>Roundtable Discussion With Audience QA</td>
<td></td>
</tr>
</tbody>
</table>

**INTERVENTIONAL HEART FAILURE AND HEMODYNAMIC SUPPORT: CHRONIC THERAPIES**

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Lecturer(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:00 PM</td>
<td>Paclitaxel Coated Balloons for Coronary Intervention: Critical Review of Long Term Trial Data in Light of the PAD Controversy</td>
<td>The DAEDALUS Collaboration</td>
</tr>
<tr>
<td>2:07 PM</td>
<td>Tips and Tricks for DCB Use: Optimal Technique Is Still Important</td>
<td></td>
</tr>
<tr>
<td>2:14 PM</td>
<td>Drug Coated Balloons for Small Vessels: Latest Trial Evidence</td>
<td>Bernardo Cortese</td>
</tr>
<tr>
<td>2:21 PM</td>
<td>Drug Coated Balloons in De Novo Lesions: Case Vignettes From Europe</td>
<td>Case Presenter: Simon Eccleshall</td>
</tr>
<tr>
<td>2:28 PM</td>
<td>Drug Coated Balloons in De Novo Lesions: Case Vignettes From Asia</td>
<td>Case Presenter: Paul JL Ong</td>
</tr>
<tr>
<td>2:35 PM</td>
<td>Emerging Data on Drug Coated Balloon Use in the High Bleeding or High Thrombotic Risk Patient</td>
<td>Bruno Scheller</td>
</tr>
<tr>
<td>2:42 PM</td>
<td>DAPT After PCI With DCB: Current Guidelines and Special Considerations</td>
<td>Marco Valgimigli</td>
</tr>
<tr>
<td>2:49 PM</td>
<td>Sirolimus Coated Balloon Therapy: State of Development</td>
<td>Stefan Verheyede</td>
</tr>
<tr>
<td>2:56 PM</td>
<td>Roundtable Discussion With Audience QA</td>
<td></td>
</tr>
<tr>
<td>3:04 PM</td>
<td>The Absorb BVS Epilogue: How Did We Miss the Safety Signals</td>
<td>Michael Joner</td>
</tr>
<tr>
<td>3:11 PM</td>
<td>Late Benefits From BVS: Theory and Evidence</td>
<td>Gregg W. Stone</td>
</tr>
<tr>
<td>3:18 PM</td>
<td>The Post Absorb BVS Era: Lessons Learned and Implications for Trial Design and Device Approval</td>
<td>Andrew Farb</td>
</tr>
<tr>
<td>3:25 PM</td>
<td>Roundtable Discussion With Audience QA</td>
<td></td>
</tr>
<tr>
<td>3:32 PM</td>
<td>BRS Use in Primary PCI: Rational and Emerging Clinical Data</td>
<td>Manel Sabate</td>
</tr>
<tr>
<td>3:39 PM</td>
<td>Magnesium Scaffolds: Clinical Trial Outcomes and Analysis of Device Failures</td>
<td>Ulf Landmesser</td>
</tr>
<tr>
<td>3:46 PM</td>
<td>Bioresorbable Scaffolds: Global Development Pipeline</td>
<td>Yoshinobu Onuma</td>
</tr>
<tr>
<td>3:53 PM</td>
<td>Roundtable Discussion With Audience QA</td>
<td></td>
</tr>
</tbody>
</table>

**Heart Failure: State of the Art**

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Lecturer(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:00 PM</td>
<td>State of the Art: Current and Future of Medical Therapies for HF</td>
<td>Clyde W. Yancy</td>
</tr>
<tr>
<td>2:12 PM</td>
<td>State of the Art: Device Based Therapies for Heart Failure and Reduced EF</td>
<td>Nir Uriel</td>
</tr>
<tr>
<td>2:24 PM</td>
<td>State of the Art: Latest Insights into the Pathophysiology and Medical and Device Based Therapies for HFrEF</td>
<td>Peter Carson</td>
</tr>
<tr>
<td>2:36 PM</td>
<td>Roundtable Discussion With Audience QA</td>
<td></td>
</tr>
<tr>
<td>2:46 PM</td>
<td>Assessment of Volume Status Cardiometams Endotronix Sensible FiO1</td>
<td>JoAnn Lindenfeld</td>
</tr>
<tr>
<td>2:58 PM</td>
<td>Mitral Regurgitation as a Target for Heart Failure and the Relevance of Proportionate vs. Disproportionate MR</td>
<td></td>
</tr>
</tbody>
</table>
Lecturer: Susan M. Joseph
3:10 PM  Acute Decompensated Heart Failure: Trials and Tribulations
Lecturer: James E. Udelson
3:22 PM  Roundtable Discussion With Audience QA

3:32 PM - 4:44 PM
Acute Decompensated Heart Failure
Moderators: James E. Udelson, Clyde W. Yancy
Discussants: Michael Jonas, Navin K. Kapur, Leslie Miller, Ileana L. Pina, Gabriel Sayer, Jan Van der Heyden

3:32 PM  Pathophysiology of ADHF: Focus on Diuretic Resistance
Lecturer: Ileana L. Pina
3:39 PM  Whiteswell: Preclinical and Early Clinical Results
Lecturer: Michael Jonas
3:46 PM  Modulating CVP and PCWP From Above: PreCardia
Lecturer: Navin K. Kapur
3:53 PM  Improving Renal Perfusion Pressure: Procyrion Aortic Flow Regulator
Lecturer: Gabriel Sayer
4:00 PM  Improving Renal Perfusion Pressure: Second Heart
Lecturer: Leslie Miller
4:07 PM  Reducing Renal Venous Pressure: Magenta
Lecturer: Jan Van der Heyden
4:14 PM  Reducing Renal Venous Pressure: RevampDoraya Infra Renal Vein
Lecturer: Ulrich P. Jorde
4:21 PM  Direct Sodium Removal With an Ambulatory Peritoneal Dialysis System: Sequana
Lecturer: Jeffrey Testani
4:28 PM  Roundtable Discussion With Audience QA

4:44 PM - 6:00 PM
Device-Based Therapies for Chronic Heart Failure
Moderators: Ulrich P. Jorde, Susan M. Joseph
Discussants: Samuel J. Asirvatham, Daniel Burkhoff, Scott Lilly, Chaim S. Lotan, Felix Mahfoud, Mark Reisman

4:44 PM  V Wave for HFrEF and HfPEF
Lecturer: Gregg W. Stone
4:52 PM  Corvia for HfPEF
Lecturer: Scott Lilly
5:00 PM  NoYo Interatrial Shunting
Lecturer: Chaim S. Lotan
5:08 PM  Aortic Arch Neuromodulation for Chronic Heart Failure: Enopace
Lecturer: Felix Mahfoud
5:16 PM  Cardiac Contractility Modulation CCM
Lecturer: Daniel Burkhoff
5:24 PM  Treating Central Sleep Apnea in CHF: Respicardia
Lecturer: Susan M. Joseph
5:32 PM  Ventricular Reshaping for HF: ANCORAJ
Lecturer: Mark Reisman
5:40 PM  Transcutaneous Pericardectomy for HfPEF

THE CTO SUMMIT: PART 2

SUNDAY, SEPTEMBER 29, 2019
2:00 PM - 6:00 PM
Room 151/153

2:00 PM - 3:10 PM
Session I: CTO PCI Troubleshooting and Algorithms for Success
Moderators: Tony J. DeMartini, Gerald S. Werner
Discussants: Mauro Carlino, Lei Ge, Omer Goktekin, Mark J. Goodwin, Ashish Pershad, Minh N. Vo

2:00 PM  The Wire Crosses the Proximal Cap but CTO Is UncrossableUndilatable: What Now
Lecturer: Tony J. DeMartini
2:07 PM  Roundtable Discussion With Audience QA
2:10 PM  I Am at the Distal Landing Zone but Cant Puncture: What Now
Lecturer: Ashish Pershad
2:17 PM  Roundtable Discussion With Audience QA
2:20 PM  Epicardial Wiring: Current State of the Art
Lecturer: Kambis Mashayekhi
2:27 PM  Roundtable Discussion With Audience QA
2:30 PM  The Wire Has Crossed the Collateral but the Microcatheter Wont: Next Steps
Lecturer: Minh N. Vo
2:37 PM  Roundtable Discussion With Audience QA
2:40 PM  My Retrograde Equipment Is Overlapping the Antegrade Equipment but I Cannot Connect What Now
Lecturer: Satoru Sumitsuji
2:47 PM  Roundtable Discussion With Audience QA
2:50 PM  Hemodynamic Support for CTO PCI: Who When and When Not and How
Lecturer: James M. McCabe
2:57 PM  Roundtable Discussion With Audience QA
3:00 PM  Failing With an Investment: How Often is Sub Intimal Plaque Modification Useful and What Should I Have Available for the Next Procedure
Lecturer: Taishi Hirai
3:07 PM  Roundtable Discussion With Audience QA

3:10 PM - 4:40 PM
Session II: Complication Prevention and Management
Moderators: William Nicholson, Simon J. Walsh
Discussants: Lorenzo Azzalini, Robert Federici, Roberto Garbo, Lampros Michalis, Anthony J. Saposnik
TRANSCATHETER VALVE THERAPY | SATURDAY, SEPTEMBER 28, 2019

3:10 PM  Complication Recognition Before Its Obvious: Anticipating Disaster
Lecturer: Anthony J. Spaedy

3:18 PM  Antegrade Wire or Device Exit at the CTO Site: Prevention and Management
Lecturer: Nicholas J. Lembo

3:26 PM  Antegrade Distal Wire Perforations: Prevention and Management
Lecturer: Kathleen Kearney

3:34 PM  Septal Collateral Perforations: Prevention and Management
Lecturer: Roberto Garbo

3:42 PM  Epicardial Ipsilateral and Contralateral Collateral Perforation: Prevention and Management
Lecturer: Alexandre Avran

3:50 PM  Roundtable Discussion With Audience QA

3:55 PM  Post CABG Localized Tamponade: Prevention Identification and Management
Lecturer: Robert F. Riley

4:03 PM  Free Wall Hematoma Dry Tamponade: Prevention Identification and Management
Lecturer: Emad Hakemi

4:19 PM  Donor Vessel Dissection and/or Thrombosis: How to Avoid Recognize and Manage
Lecturer: M. Nicholas Burke

4:27 PM  Equipment Entrapment Loss: Prevention and Management
Lecturer: Farouc A. Jaffer

4:35 PM  Roundtable Discussion With Audience QA

4:40 PM - 5:34 PM  Session III: Case-Based Complication Management — Part 1
Moderators: Tony J. DeMartini, Nicholas J. Lembo
Discussants: Scott Harding, Wissam Jaber, Juan Russo, Lee Seung-Whan, Lin Yan, Chris Zambikides

4:40 PM  My Worst Antegrade Wire Escalation Complication and What I Learned
Case Presenter: Craig A. Thompson

4:46 PM  Roundtable Discussion With Audience QA

4:49 PM  My Worst Antegrade Wire Escalation Complication and What I Learned
Case Presenter: Wissam Jaber

4:55 PM  Roundtable Discussion With Audience QA

4:58 PM  My Worst Septal Complication and What I Learned
Case Presenter: Lei Song

5:04 PM  Roundtable Discussion With Audience QA

5:07 PM  My Worst Epicardial Collateral Complication and What I Learned
Case Presenter: Wissam Jaber

5:13 PM  Roundtable Discussion With Audience QA

5:16 PM  My Worst Donor Vessel Dissection Thrombosis Complication and What I Learned
Case Presenter: Junbo Ge

5:22 PM  Roundtable Discussion With Audience QA

5:25 PM  My Worst Catheter Entrapment Equipment Loss Complication and What I Learned
Case Presenter: Khaldoon F. Alaswad

5:31 PM  Roundtable Discussion With Audience QA

5:34 PM - 6:00 PM  Session IV: Case-Based Complication Management — Part 2
Moderators: Emmanuel S. Brilakis, William L. Lombardi
Discussants: Nicolas Boudou, Kevin J. Croce, Risto Jussila, Alexandre Schaan Quadros, James Sapontis, Simon J. Walsh

5:34 PM  My Worst Complication That Might Have Been Prevented
Case Presenter: William L. Lombardi

5:40 PM  Roundtable Discussion With Audience QA

5:43 PM  My Worst Complication From Which the Patient Couldn’t Recover
Case Presenter: Simon J. Walsh

5:49 PM  Roundtable Discussion With Audience QA

5:52 PM  My Worst Complication That I Was Able to Save
Case Presenter: Nicolas Boudou

5:58 PM  Roundtable Discussion With Audience QA

TRANSCATHETER MITRAL VALVE REPLACEMENT

TRANSCATHETER MITRAL VALVE REPLACEMENT

Structural Valve

SATURDAY, SEPTEMBER 28, 2019
2:00 PM - 4:00 PM
Room 155/157

2:00 PM  TMVR: Lessons From Surgery Not to Be Ignored
Lecturer: David H. Adams

2:06 PM  Technical Hurdles in TMVR Development
Lecturer: Juan F. Granada

2:12 PM  Transapical I: Intrepid Device Description Results and Ongoing Studies
Lecturer: Martin B. Leon

2:19 PM  Transapical II: Tendyne Device Description Results and Ongoing Studies
Lecturer: Jason H. Rogers

2:26 PM  Transapical III: Tiara Device Description Results and Ongoing Studies
MITRAL TRIAL DESIGN, ANTICOAGULATION, IMAGING, AND MORE

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Description</th>
<th>Lecturer/Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:33</td>
<td>Transseptal I: HighLife Device Description Results and Ongoing Studies</td>
<td>Anson Cheung</td>
</tr>
<tr>
<td>2:38</td>
<td>Transseptal II: Caisson Device Description Results and Ongoing Studies</td>
<td>Nicolo Piazza</td>
</tr>
<tr>
<td>2:43</td>
<td>Transseptal III: Cephea Device Description Results and Ongoing Studies</td>
<td>Anita Asgar</td>
</tr>
<tr>
<td>2:48</td>
<td>Transseptal IV: EVOQUE Device Description Results and Ongoing Studies</td>
<td>Thomas Modine</td>
</tr>
<tr>
<td>2:53</td>
<td>Transseptal V: M3 Device Description Results and Ongoing Studies</td>
<td>John G. Webb</td>
</tr>
<tr>
<td>2:58</td>
<td>Transseptal VI: Cardiovalve Device Description Results and Ongoing Studies</td>
<td>Francesco Maisano</td>
</tr>
<tr>
<td>3:03</td>
<td>Transseptal VII: AltaValve Device Description Results and Ongoing Studies</td>
<td>Philippe Genereux</td>
</tr>
<tr>
<td>3:08</td>
<td>Roundtable Discussion with Audience QA</td>
<td></td>
</tr>
<tr>
<td>3:18</td>
<td>Session II: TMVR Special Situations</td>
<td></td>
</tr>
<tr>
<td>4:00</td>
<td>Session I: Three Hot Mitral Topics</td>
<td></td>
</tr>
<tr>
<td>4:07</td>
<td>Combination Valve Treatments MR and TRMR and AS: Rationale Sequence and Results</td>
<td>Georg Nickenig</td>
</tr>
<tr>
<td>4:21</td>
<td>Roundtable Discussion with Audience QA</td>
<td></td>
</tr>
<tr>
<td>4:28</td>
<td>Session II: Mitral Imaging Deep Dive</td>
<td></td>
</tr>
<tr>
<td>4:36</td>
<td>State of the Art: DMR Severity Assessment by Quantitative Echo</td>
<td>Robert O. Bonow</td>
</tr>
<tr>
<td>4:51</td>
<td>Advanced Mitral Imaging Intraprocedural Guidance and Image Fusion Technologies</td>
<td>Rhonda Miyasaka</td>
</tr>
<tr>
<td>5:12</td>
<td>State of the Art: FMR Severity Assessment by Quantitative Echo</td>
<td>Linda D. Gillam</td>
</tr>
<tr>
<td>5:20</td>
<td>What Can We Learn From MRI About FMR Proportionity</td>
<td>Michael Salerno</td>
</tr>
<tr>
<td>5:27</td>
<td>Roundtable Discussion with Audience QA</td>
<td></td>
</tr>
<tr>
<td>5:34</td>
<td>Session III: Mitral Stenosis and MAC</td>
<td></td>
</tr>
<tr>
<td>5:40</td>
<td>Nonrheumatic MAC Related Mitral Stenosis and Balloon Valvuloplasty</td>
<td>Philipp Blanke</td>
</tr>
<tr>
<td>5:46</td>
<td>Imaging Rheumatic Mitral Stenosis</td>
<td>Nina C. Wunderlich</td>
</tr>
</tbody>
</table>

**Roundtable Discussion with Audience QA**

Lecturer: Robert L. Smith  
Lecturer: Mayra Guerrero  
Lecturer: Sung-Han Yoon  
Lecturer: Omar K. Khalique  
Lecturer: Dee Dee Wang  
Lecturer: James M. McCabe  
Lecturer: Tarek Helmy  
Lecturer: Stephen H. Little  
Lecturer: João L. Cavalcante  
Lecturer: Michael Salerno  
Lecturer: Philipp Blanke  
Lecturer: Philipp Blanke  
Lecturer: Nina C. Wunderlich
5:52 PM  Mitral Valvuloplasty State of the Art: Indications Devices Technique and Outcomes
Lecturer: Habib Gamra

6:02 PM  Roundtable Discussion With Audience QA

RADIAL AND FEMORAL ACCESS AND INTERVENTION

Radial and Femoral Access and Intervention
Coronary: Core

SATURDAY, SEPTEMBER 28, 2019
4:00 PM - 6:00 PM
Room 152/154

4:00 PM - 5:00 PM
Session I: Controversies in Vascular Access

4:00 PM  ARS: What Is Your Routine Vascular Access for Primary PCI for STEMI Radial or Femoral
4:02 PM  Debate: Vascular Access for Primary PCI
4:02 PM  The SAFARI Trial Proves It: Femoral Access Is Preferred for STEMI
Lecturer: Michel R. Le May
4:07 PM  Not So Fast: The Evidence Still Supports Radial Access for STEMI
Lecturer: Sanjay Kumar Chugh
4:12 PM  ARS: What Is Your Routine Vascular Access for Primary PCI for STEMI Radial or Femoral
4:14 PM  Roundtable Discussion With Audience QA
4:19 PM  ARS: Left Radial Access LDTRA or Traditional Proximal Radial
4:21 PM  Debate: Transradial Civil War
4:21 PM  Embrace Left Distal Radial Access: Its the New and Best Approach
Lecturer: Ethan C. Korngold
4:26 PM  LDTRA Is a Fad: Ill Stick With Traditional Proximal Radial
Lecturer: Ian C. Gilchrist
4:31 PM  ARS: Left Radial Access LDTRA or Traditional Proximal Radial
4:33 PM  Roundtable Discussion With Audience QA
4:38 PM  ARS: Same Day Discharge Radial or Femoral Access
4:40 PM  Debate: Same Day Discharge Radial or Femoral Access

4:40 PM  Transradial and Same Day Discharge Are a Natural Fit and Cost Saving
Lecturer: Adhir Shroff
4:45 PM  Same Day Discharge Doesnt Mean Radial Access: Safe Femoral Access Makes Sense
Lecturer: Richard Shlofmitz

4:50 PM  ARS: Same Day Discharge  Radial or Femoral Access
4:52 PM  Roundtable Discussion With Audience QA

5:00 PM - 6:00 PM
Session II: Different Ways to Skin Vascular Access
Moderators: Prashant Kaul, Sara C. MartinezDiscussants: Olivier F. Bertrand, Alaide Chieffo, Steven Goldberg, Mitchell W. Krucoff, Mladen I. Vidovich

5:00 PM  Preserving the Radial Artery: Patent Hemostasis and Beyond
Lecturer: Samir B. Pancholy
5:08 PM  Essential Skills: Femoral Access and Closure
Lecturer: Zoltan G. Turi
5:16 PM  Options and Indications for Large Bore Radial Access
5:24 PM  Complex PCI of a Left Main Bifurcation in a Complex Patient
5:24 PM  Case Presentation: Complex PCI of a Left Main Bifurcation in a Complex Patient
Case Presenter: Francesco Burzotta
5:29 PM  ARS
Case Presenter: Francesco Burzotta
5:34 PM  My Approach: How I Would Do This Case No Slides
Lecturer: Alaide Chieffo
5:37 PM  My Approach: How I Would Do This Case No Slides
Lecturer: Thomas A. Ischinger
5:40 PM  Case Conclusion: How I Performed This Case
Case Presenter: Francesco Burzotta
5:45 PM  Roundtable Discussion With Audience QA

HIGH-IMPACT CLINICAL RESEARCH IV: ADJUNCTIVE PHARMACOTHERAPY STUDIES

High-Impact Clinical Research IV: Adjunctive Pharmacotherapy Studies

SATURDAY, SEPTEMBER 28, 2019
8:00 AM - 9:00 AM
Innovation & Keynote Theater

8:00 AM - 9:00 AM
Adjunctive Pharmacotherapy Studies
Moderators: Neal S. KleimanDiscussants: Michalis Hamilos, Kurt Huber, Upendra Kaul, Eli I. Lev, Sigmund Silber
8:00 AM | TICAKOREA: A Randomized Trial of Ticagrelor vs. Clopidogrel in Korean Patients With Acute Coronary Syndromes Intended for Invasive Management  
Lecturer: Duk-Woo Park

8:10 AM | Roundtable Discussion With Audience QA

8:15 AM | AUGUSTUS: Hospitalizations From a 2x2 Factorial Randomized Trial of Apixaban vs. Warfarin and Aspirin vs. Placebo in Patients With Atrial Fibrillation  
Lecturer: Amit N. Vora

8:25 AM | Roundtable Discussion With Audience QA

8:30 AM | STOPDAPT 2 HBR: 1 Year Outcomes From a Randomized Trial of Clopidogrel Monotherapy vs. DAPT Beginning 1 Month After PCI in Patients at High Bleeding Risk  
Lecturer: Hirotoshi Watanabe

8:40 AM | Roundtable Discussion With Audience QA

8:45 AM | PENDULUM Registry: Relationship Between Platelet Reactivity and 1 Year Ischemic and Bleeding Outcomes After PCI  
Lecturer: Masato Nakamura

8:55 AM | Roundtable Discussion With Audience QA

9:00 AM - 10:00 AM | High-Impact Clinical Research V: Transcatheter Aortic Valve Replacement  
SATURDAY, SEPTEMBER 28, 2019
Innovation & Keynote Theater

9:00 AM - 10:00 AM | Transcatheter Aortic Valve Replacement  
Modерators: Eberhard Grube, Susheel K. Kodali  
Discussants: Haim Danenberg, George S. Hanzel, Jaffar Mohammad Khan, Carlos E. Ruiz, Lars Sondergaard

9:00 AM | A Randomized Trial of Short Course Dual Antiplatelet Therapy vs. Oral Anticoagulation to Prevent Cerebral Embolism After Transcatheter Aortic Valve Implantation  
Lecturer: Victor Alfonso Jimenez Dias

9:10 AM | Roundtable Discussion With Audience QA

9:15 AM | EASY TAVI: A Randomized Trial of Left Ventricular vs. Right Ventricular Rapid Pacing During Transcatheter Aortic Valve Implantation  
Lecturer: Benjamin Faurie

9:25 AM | Roundtable Discussion With Audience QA

9:30 AM | CENTER Collaboration: Sex Differences in Outcomes Following Transfemoral Transcatheter Aortic Valve Replacement  
Lecturer: Wieneke Vlastra

9:40 AM | Roundtable Discussion With Audience QA

9:45 AM | Infective Endocarditis After Transcatheter Aortic Valve Implantation From a UK Nationwide Study  
Lecturer: Tom Cahill

9:55 AM | Roundtable Discussion With Audience QA

HIGH-IMPACT CLINICAL RESEARCH VI: HIGH-RISK DISEASE AND NOVEL THERAPIES

SATURDAY, SEPTEMBER 28, 2019
10:00 AM - 11:00 AM
Innovation & Keynote Theater

10:00 AM - 11:00 AM | High-Risk Disease and Novel Therapies
Moderators: Antonio Colombo, Jacqueline Saw  
Discussants: Bernard R. Chevalier, Carlos Collet, Giovanni Esposito, Norman E. Lepor

10:00 AM | SR SCAD: Patient Characteristics Management and Outcomes of Spontaneous Coronary Artery Dissection From a Spanish National Registry  
Lecturer: Fernando Alfonso

10:10 AM | Roundtable Discussion With Audience QA

10:15 AM | PROTECCT: A Randomized Trial of Emergency CTA in Patients With Possible ACS and Intermediate Levels of HS Troponin Elevation  
Lecturer: Noam Josephy

10:25 AM | Roundtable Discussion With Audience QA

10:30 AM | MAGSTEMI: A Randomized Trial of a Magnesium Based Sirolimus Eluting Resorbable Scaffold vs. Metallic DES in Patients With STEMI  
Lecturer: Manel Sabate

10:40 AM | Roundtable Discussion With Audience QA

10:45 AM | ABSORB 5 Year Pooled Analysis: Improving Very Late Outcomes of the Absorb Bioresorbable Scaffold in Coronary Artery Disease From 4 Randomized Trials  
Lecturer: Gregg W. Stone

10:55 AM | Roundtable Discussion With Audience QA

FASCINATING LECTURES

SATURDAY, SEPTEMBER 28, 2019
11:00 AM - 12:12 PM
Innovation & Keynote Theater
11:00 AM - 12:12 PM
Digital Health, Digital Education, and Social Media
Moderators: Tony Das, Mamas Mamas
Discussants: Salvatore Brugaletta, Mauricio G. Cohen, Gennaro Giustino, Pablo Lamelas, Sheila Sahni, William M. Suh

11:00 AM Social Media in the Modern Era of Interventional Cardiology
Lecturer: M Chadi Alraies

11:08 AM Roundtable Discussion With Audience QA

11:12 AM The CardioQuiz: Adapting Twitter Polls to Create Self Assessment Questions via Social Media
Lecturer: Michael P. Savage

11:20 AM Roundtable Discussion With Audience QA

11:24 AM How Could Advances in Digital Health Help in the Prevention of CV Diseases: E Prevention
Lecturer: Mohammad El Tahlawi

11:32 AM Roundtable Discussion With Audience QA

11:36 AM Artificial Intelligence in Cardiology: The Indian Physicians Perspective
Lecturer: Hiteshi K.C. Chauhan

11:44 AM Roundtable Discussion With Audience QA

11:48 AM An Innovative Mobile Learning Platform for Structural Heart Interventions: CATHLAPP
Lecturer: Benjamin Joas Rieck

11:56 AM Roundtable Discussion With Audience QA

12:00 PM The Early Days of Coronary Stenting: A tribute to Charles Dotter
Lecturer: Philippe E. Gaspard

12:08 PM Roundtable Discussion With Audience QA

---

2:15 PM SCAAR Registry: Long Term Outcomes After PCI With or Without Intracoronary Pressure Wire Guidance
Lecturer: Elmir Omerovic

2:25 PM Roundtable Discussion With Audience QA

2:30 PM FIGARO Registry: Frequency and Reasons for Discordance Between FFR and iFR in Assessment of Lesion Hemodynamic Significance
Lecturer: Tomas Kovarnik

2:40 PM Roundtable Discussion With Audience QA

2:45 PM DEFINE LM Registry: Revascularization Deferral in Patients With Left Main Coronary Artery Disease Based on iFR Evaluation
Lecturer: Takayuki Warisawa

2:55 PM Roundtable Discussion With Audience QA

---

HIGH-IMPACT CLINICAL RESEARCH VIII: VALVE THERAPIES AND NON-CARDIAC SURGERY

High-Impact Clinical Research VIII: Valve Therapies and Non-Cardiac Surgery

SATURDAY, SEPTEMBER 28, 2019
3:00 PM - 4:00 PM
Innovation & Keynote Theater

3:00 PM - 4:00 PM
Valve Therapies and Non-Cardiac Surgery
Moderators: Vinod H. Thourani
Discussants: Victoria Delgado, Isaac George, Neil J. Weissman, Giors Weisz

3:00 PM PARTNER 2 Trial and Registry: Impact of Left And Right Ventricular Longitudinal Systolic Strain Following Transcatheter and Surgical Aortic Valve Replacement
Lecturer: Philippe Pibarot

3:10 PM Roundtable Discussion With Audience QA

3:15 PM TRUE Registry: A New Prognostic Risk Score for Risk Stratification of Patients With Severe Tricuspid Regurgitation
Lecturer: Brunilda Alushi

3:25 PM Roundtable Discussion With Audience QA

3:30 PM TRILUMINATE Registry: 6 Month Outcomes of Percutaneous Edge to Edge Repair for Tricuspid Regurgitation
Lecturer: Georg Nickenig

3:40 PM Roundtable Discussion With Audience QA

3:45 PM LEADERS FREE: Outcomes of Non Cardiac Surgery After Randomization to a Polymer Free Drug Coated Stent vs. a Bare Metal Stent in Patients With Coronary Artery Disease
Lecturer: Takayuki Warisawa

3:55 PM Roundtable Discussion With Audience QA

---

HIGH-IMPACT CLINICAL RESEARCH IX: CAD DIAGNOSIS AND COMPLEX PCI STRATEGIES
High-Impact Clinical Research IX: CAD Diagnosis and Complex PCI Strategies

Saturday, September 28, 2019
4:00 PM - 5:00 PM
Innovation & Keynote Theater

4:00 PM - 5:00 PM
CAD Diagnosis and Complex PCI Strategies
Discussant: Mirvat Alasnag, Shao-Liang Chen, Yves R. Louvard, James K. Min, Holger M. Nef, Bjarne Linde Norgaard

4:00 PM
Lecturer: Udo Hoffmann

4:10 PM
Roundtable Discussion With Audience QA

4:15 PM
EXCEL: A Novel Risk Score for Clinical Decision Making in Patients Undergoing Revascularization for Left Main Coronary Artery Disease
The EXCEL Score
Lecturer: Patrick W. Serruys

4:25 PM
Roundtable Discussion With Audience QA

4:30 PM
CIT RESOLVE: A Randomized Trial of Sidebranch Protection in Patients With Coronary Bifurcations and High Predicted Risk of Sidebranch Occlusion

4:40 PM
Roundtable Discussion With Audience QA

4:45 PM
PROPOT: A Randomized Trial of the Proximal Optimization Technique in Coronary Bifurcation Lesions
Lecturer: Ken Kozuma

4:55 PM
Roundtable Discussion With Audience QA

11:15 AM - 11:30 AM
Coffee Break

11:30 AM - 1:00 PM
Session II: Best Practices in Regulatory Affairs — Premarket, Part 2
Moderators: Jaime Raben, Changfu Wu
Discussants: Lauren S. Baker, Juan F. Granada, Kent Grove, Claire Hambright, Natalie Miller, Semih Oktay, Victoria Blythe Rodriguez, Renu Virmani

11:30 AM
Best Practices in Biocompatibility Assessment of Cardiovascular Devices: What Does the FDA Look For
Lecturer: Claire Hambright

11:50 AM
Best Practices in Animal Studies of Cardiovascular Devices: What Does the FDA Look For
Lecturer: Natalie Miller

12:10 AM
Best Practices in Sterility Studies of Cardiovascular Devices: What Does the FDA Look For
Lecturer: Hiren Mistry

12:30 PM
Roundtable Discussion With Audience QA

1:00 PM - 2:00 PM
Lunch Break

2:00 PM - 3:50 PM
Session III: Best Practices in Regulatory Affairs — Postmarket
Moderators: Lydia S. Glaw, Rachel Neubrander
Discussants: Lisa A.M. Becker, Ankurita Datta, Declan Dineen, Adam Donat, Julie Mackel, Irene Parker, Melanie Raska, Megha Reddy, Rebecca Ward

2:00 PM
FDA Bioresearch Monitoring BIMO 101: How to Survive Inspections and Avoid Warning Letters
Lecturer: Adam Donat

2:20 PM
After the Champagne for PMA Approval Come Your Obligations: Inspections Postapproval Studies Medical Device Reporting and Recalls
Lecturer: Judy Ji, Megha Reddy

2:40 PM
Real World Data vs Real World Evidence: How Can It Be Used for Device Labeling Expansion
Lecturer: Rebecca Ward
3:00 PM FDA Resources at Your Fingertips: Find the Information and Help You Need
Lecturer: Samuel Raben
3:20 PM Roundtable Discussion With Audience QA
3:50 PM - 4:00 PM Coffee Break

CHRONIC KIDNEY DISEASE: PREVENTING AND TREATING CONTRAST NEPHROPATHY

SATURDAY, SEPTEMBER 28, 2019
12:15 PM - 1:45 PM
Room 209-210

12:15 PM Chronic Kidney Disease: Preventing and Treating Contrast Nephropathy
Moderators: Samjot S. Brar, Hitinder S. Gurm
Discussants: Carlo Briguori, Graham A. Cassel, Sanjay Kaia, R. Stefan Kiesz, Richard Solomon, Junjie Zhang

12:15 PM Contrast Induced Nephropathy: Does It Exist and Does It Matter
Lecturer: Richard Solomon
12:25 PM Roundtable Discussion With Audience QA
12:30 PM CIN Risk Prediction and Outcomes
Lecturer: Sripal Bangalore
12:40 PM Roundtable Discussion With Audience QA
12:45 PM CIN Prevention I: IV Fluids
Lecturer: Carlo Briguori
12:55 PM Roundtable Discussion With Audience QA
1:00 PM CIN Prevention II: Clinical Trials Summary of Completed and Ongoing Studies
Lecturer: Roxana Mehran
1:10 PM Roundtable Discussion With Audience QA
1:15 PM Your Cath Lab Needs a CIN Prevention Protocol: Here It Is
Lecturer: Hitinder S. Gurm
1:25 PM Roundtable Discussion With Audience QA
1:30 PM CIN Prevention III: Contrast Reduction Strategies Devices and Zero Contrast PCI Step by Step
Lecturer: Ziad A. Ali
1:40 PM Roundtable Discussion With Audience QA

BALLOON PULMONARY ANGIOPLASTY FOR CHRONIC THROMBOEMBOLIC PULMONARY HYPERTENSION: CENTER EXPERTISE AND ILLUSTRATIVE CASE DEMONSTRATIONS

Balloon Pulmonary Angioplasty for Chronic Thromboembolic Pulmonary Hypertension: Center Expertise and Illustrative Case Demonstrations

Vascular

SATURDAY, SEPTEMBER 28, 2019
12:15 PM - 1:45 PM
Room 211

12:15 PM - 1:45 PM
Balloon Pulmonary Angioplasty for Chronic Thromboembolic Pulmonary Hypertension: Center Expertise and Illustrative Case Demonstrations
Moderators: Ori Ben-Yehuda, Irene Marthe Lang
Discussants: Vikas Aggarwal, Anthony DeMaria, Ehtisham Mahmud, Bernhard Meyer, Victor Preterius, Alex M. K. Rothman

12:15 PM Introduction: Chronic Thromboembolic Pulmonary Hypertension Where Does BPA Stand in the Treatment Algorithm Today
Lecturer: Nick H. Kim
12:30 PM Balloon Pulmonary Angioplasty Japanese Experience
Lecturer: Hiromi Matsubara
12:42 PM Balloon Pulmonary Angioplasty French Experience
Lecturer: Philippe Brenot
12:54 PM Balloon Pulmonary Angioplasty US Experience

CLINICAL TRIAL DESIGN, STATISTICS, AND LITERATURE INTERPRETATION: THE EVIDENCE-BASED MEDICINE EXPERT — PART 2
Clinical Trial Design, Statistics, and Literature Interpretation: The Evidence-Based Medicine Expert — Part 2

SATURDAY, SEPTEMBER 28, 2019
12:15 - 1:45 PM
Room 201-202

12:15 PM - 1:45 PM
Clinical Trial Design, Statistics, and Literature Interpretation: The Evidence-Based Medicine Expert
Moderators: Peter Juni, Roxana Mehran
Discussants: Andrew Althouse, Stefan Anker, Brian Claggett, Milton Packer, Divaka Perera, Robert W. Yeh

12:15 PM  Use of Repeat Events and Allowance for Competing Risk: How to Do It Right
Lecturer: Brian Claggett

12:25 PM  When Trials Disagree: The COAPTMITRA FR Case Study
Lecturer: Milton Packer

12:35 PM  Roundtable Discussion With Audience QA
Lecturer: Milton Packer

12:45 PM  The Challenges of Equipoise and Generalizability
Lecturer: Robert W. Yeh

12:55 PM  TAVR in Low Risk Patients: Strengths and Limitations of the Low Risk Trials
Lecturer: Robert O. Bonow

1:05 PM  Roundtable Discussion With Audience QA
Lecturer: Robert O. Bonow

1:15 PM  My Strategy for Interpreting and Critiquing Non Inferiority Studies
Lecturer: Sanjay Kaul

1:25 PM  Is it TWILIGHT for Aspirin Critical Appraisal and Interpretation of the Trial
Lecturer: Pascal Vranckx

1:35 PM  Roundtable Discussion With Audience QA

COMBINED STRUCTURAL INTERVENTIONS:
TWO VALVES, VALVE AND LAAO, AND MORE

Combined Structural Interventions: Two Valves, Valve and LAAO, and More

SATURDAY, SEPTEMBER 28, 2019
12:15 - 1:45 PM
Room 216

12:15 PM - 1:45 PM
Combined Structural Interventions
Moderators: Anita Asgar, Fabian Nietlispach
Discussants: Colin M. Barker, Danny Divir, Amir Kaki, Saiibal Kar, Markus Albert Kasel, Magnus Settergren

COMPLEX ADULT CONGENITAL INTERVENTION

Complex Adult Congenital Intervention
Structural: Non-Valve

SATURDAY, SEPTEMBER 28, 2019
12:15 PM - 1:45 PM
Room 203

12:15 PM - 1:45 PM
Complex Adult Congenital Intervention
A Cancer Patient Who Underwent Placement of a Port a Cath: Look What Happened
Case Presenter: Clifford J. Kavinsky

An Adult With an Aortopulmonary Window
Case Presenter: Eric Horlick

A Fontan Patient Who Had a Thrombus
Case Presenter: Matthew A. Crystal

Pregnancy CHF and a Transcatheter Tricuspid Valve Implantation
Case Presenter: Harshimran Sachdeva Singh

A Case of PIVSD: A Difficult Case With a Difficult Decision
Case Presenter: Zahid Amin

An Octogenarian With a De Novo Dilated Cardiomyopathy
Case Presenter: Reda Ibrahim

A Fontan Patient Who Had a Thrombus
Case Presenter: Matthew A. Crystal

An Adult With Azysgous Continuation and an ASD
Case Presenter: Mark Osten

HYPERTROPHIC CARDIOMYOPATHY AND SEPTAL ABLATION

Session I: HCM Diagnosis and Medical Management

12:15 PM Imaging in HCM for Diagnosis and Risk Stratification
Lecturer: Sherif F. Nagueh

12:24 PM Medical Treatments for HCM
Lecturer: Carey D. Kimmelstiel

12:33 PM Diagnosis and Treatment of Arrhythmia in HCM
Lecturer: Vivek Y. Reddy

12:42 PM Discussion With Audience QA

12:51 PM Consensus Documents on SCAD: US and European Perspectives
Lecturer: Carlo Di Mario

12:55 PM Roundtable Discussion With Audience QA

1:00 PM Case Presentation: Difficulty in Diagnosing SCAD
Case Presenter: Pascal Motreff

1:15 PM SCAD: Indications and Results of Coronary Revascularization
Lecturer: Jacqueline Saw

1:25 PM Roundtable Discussion With Audience QA

SPONTANEOUS CORONARY ARTERY DISSECTION: NOVEL INSIGHTS ON DIAGNOSIS AND TREATMENT

Spontaneous Coronary Artery Dissection: Novel Insights on Diagnosis and Treatment
SATURDAY, SEPTEMBER 28, 2019
12:15 PM - 1:45 PM
Room 207

12:15 PM Consensus Documents on SCAD: US and European Perspectives
Lecturer: Carlo Di Mario

12:25 PM Roundtable Discussion With Audience QA

12:30 PM Novel Clinical and Angiographic Insights
Lecturer: Rajiv Gulati

12:40 PM Roundtable Discussion With Audience QA

12:45 PM SCAD: Value and Safety of Intracoronary Imaging
Lecturer: Fernando Alfonso

12:55 PM Roundtable Discussion With Audience QA

1:00 PM Case Presentation: Difficulty in Diagnosing SCAD
Case Presenter: Pascal Motreff

1:15 PM SCAD: Indications and Results of Coronary Revascularization
Lecturer: Jacqueline Saw

1:25 PM Roundtable Discussion With Audience QA
1:30 pm  Case Presentation: A Challenging SCAD Revascularization  
Case Presenter: Marysia S. Tweet

1:40 pm  Roundtable Discussion With Audience QA

TCT ENDOVASCULAR: NEURO INTERVENTIONS FOR STROKE AND CAROTID STENOSIS

TCT Endovascular: Neuro Interventions for Stroke and Carotid Stenosis

Vascular

SATURDAY, SEPTEMBER 28, 2019
12:15 pm - 1:45 pm
Room 215

12:15 pm - 1:45 pm  Neuro Interventions for Stroke and Carotid Stenosis  
Moderators: Enrico Ascher, Aman B. Patel  
Discussants: Carlos I. Mena-Hurtado, Stephen R. Ramee, Craig M. Walker

12:15 pm  Pre Hospital Approach to Stroke  
Lecturer: Thabele M. Leslie-Mazwi

12:21 pm  Preventative Strategies in Stroke  
Lecturer: Christopher J. Stapleton

12:27 pm  Role of IV tPA or Thrombolysis in the Endovascular Era of Thrombectomy  
Lecturer: Thabele M. Leslie-Mazwi

12:33 pm  Synthesis of Endovascular Trial Data From 2015 and Beyond  
Lecturer: Scott Silverman

12:41 pm  Mechanical Thrombectomy: Aspiration vs. Stent Retriever vs. New Devices  
Lecturer: Christopher J. Stapleton

12:49 pm  Controversies in Stroke Treatment: Large Core Low NIHSS Advanced Age  
Lecturer: Demetrius Lopes

12:57 pm  Roundtable Discussion With Audience QA

1:05 pm  Pre Debate Vote

1:07 pm  Flash Debate: Carotid Artery Stenting Is Best for the Asymptomatic Patient  
Lecturer: Christopher J. White

1:12 pm  Flash Debate: Nonsense TCAR Is Safer Than Standard Transfemoral Carotid Stenting  
Lecturer: Mahmoud Malas

1:17 pm  Flash Debate: Are You Kiddin Mini Incision Carotid Endarterectomy Is as Safe as But Less Expensive Than TCAR  
Lecturer: Enrico Ascher

1:22 pm  Post Debate Vote and Wrap Up

1:24 pm  Carotid Artery Stenting: Timing After Stroke  
Lecturer: Adrian Siddiqui

1:30 pm  Vertebral Artery Stenting: Indications Techniques and Complications  
Lecturer: Charles Matouk

1:37 pm  Roundtable Discussion With Audience QA

CHALLENGES AND DEVELOPMENTS IN TAVI PROCEDURE: ARGENTINEAN AND FRENCH EXPERIENCE. PRESENTED BY GROUPE ATEROME ET CARDIOLOGIE INTERVENTIONNELLE (GACI) AND COLEGIO ARGENTINO DE CARIOANGIOLOGOS INTERVENCIÓNISTAS (CACI)

Challenges and Developments in TAVI Procedure: Argentinean and French Experience. Presented by Groupe Atherome et Cardiologie Interventionnelle (GACI) and Colegio Argentino de Cardioangiólogos Intervencionistas (CACI)

SATURDAY, SEPTEMBER 28, 2019
9:00 am - 10:10 am
Room 216

9:00 am - 10:10 am  Challenges and Developments in TAVI Procedure: Argentinean and French Experience  
Moderators: Anibal A. Damonte, Jacques Monsegu  
Discussants: Gustavo Andersen, Alejandro D. Fernandez, Alejandro Palacios, Christian M. Spaulding, Eric Van Belle

9:00 am  Introduction and Session Objectives  
Lecturer: Anibal A. Damonte

9:05 am  Moving from a Full Invasive to a Minimalistic Procedure: The Argentinean and LatAm Experience  
Lecturer: Matias Sttejffman

9:13 am  Roundtable Discussion With Audience QA

9:15 am  Stimulation Over Left Ventricular Wire: A New Tool  
Lecturer: Jacques Monsegu

9:23 am  Roundtable Discussion With Audience QA

9:25 am  TAVI Valve in Valve: A Real Challenge  
Lecturer: Diego D. Grinfeld

9:33 am  Roundtable Discussion With Audience QA

9:35 am  Hypertrophic Myopathy and Aortic Stenosis: How to Manage  
Lecturer: Michel Pansieri

9:43 am  Roundtable Discussion With Audience QA

9:45 am  Bicuspid Valve TAVI: As Safe As Tricuspid Valve Intervention  
Lecturer: Adolfo Ferrero Guadagnoli

9:53 am  Roundtable Discussion With Audience QA

9:55 am  Vascular Complications: How to Manage  
Lecturer: Camille Brasselet

10:03 am  Roundtable Discussion With Audience QA

10:15 am  Flash Debate: Nonsense TCAR Is Safer Than Standard Transfemoral Carotid Stenting  
Lecturer: Enrico Ascher

10:21 am  Roundtable Discussion With Audience QA

10:27 am  Flash Debate: Carotid Artery Stenting Is Best for the Asymptomatic Patient  
Lecturer: Christopher J. Stapleton

10:33 am  Roundtable Discussion With Audience QA

10:41 am  Mechanical Thrombectomy: Aspiration vs. Stent Retriever vs. New Devices  
Lecturer: Christopher J. Stapleton

10:49 am  Controversies in Stroke Treatment: Large Core Low NIHSS Advanced Age  
Lecturer: Demetrius Lopes

11:07 am  Roundtable Discussion With Audience QA

11:13 am  Pre Hospital Approach to Stroke  
Lecturer: Thabele M. Leslie-Mazwi

11:21 am  Preventative Strategies in Stroke  
Lecturer: Christopher J. Stapleton

11:27 am  Role of IV tPA or Thrombolysis in the Endovascular Era of Thrombectomy  
Lecturer: Thabele M. Leslie-Mazwi

11:33 am  Synthesis of Endovascular Trial Data From 2015 and Beyond  
Lecturer: Scott Silverman

11:41 am  Mechanical Thrombectomy: Aspiration vs. Stent Retriever vs. New Devices  
Lecturer: Christopher J. Stapleton

11:49 am  Controversies in Stroke Treatment: Large Core Low NIHSS Advanced Age  
Lecturer: Demetrius Lopes

12:07 am  Roundtable Discussion With Audience QA
CSI-NIC INDIA SESSION @TCT

SATURDAY, SEPTEMBER 28, 2019
3:00 PM - 4:30 PM
Room 216

3:00 PM Session I. Imaging
3:00 PM IVUS: Its Present Roles and Advantages
Lecturer: Debattata Bhattacharya

3:10 PM How OCT Can Help Better Predict MACE Events in Left Main vs IVUS ROCK II Retrospective Update
Lecturer: Mani Selvamani

3:20 PM How India Is Learning to See Its PCI Patients Through In OCT: The 2 Year Journey Update
Lecturer: Balbir Singh

3:30 PM Roundtable Discussion With Audience QA
Lecturer: Balbir Singh

3:40 PM Session II. Physiology Session
3:40 PM Physiology In Complex Lesions: For All Or Indication Based Assessment: Clinical Case Scenarios
Lecturer: Jabir Abdullakutty

3:50 PM FFR In STEMI NSTEMI and Unstable Angina: What Are the Latest Data
Lecturer: Rajesh Vijayvergiya

4:00 PM Roundtable Discussion With Audience QA
Lecturer: Rajesh Vijayvergiya

4:05 PM Session III. DES
4:05 PM Stent Choice In Complex Lesions: How The Unique Stent DNA Can Help Improve The Patient Outcomes
Lecturer: Pratap Kumar

4:15 PM STOPDAPT SMART CHOICE: TWILIGHT: Will These Trials Change Your Clinical Practice
Lecturer: Aditya Kapoor

4:25 PM Closing Remarks and Key Takeaways
Lecturer: Aditya Kapoor

INTERNATIONAL COMPLEX CASE SESSION VII: FEATURED CHIP AND OTHER SPECIAL PCI SITUATIONS

INTERNATIONAL COMPLEX CASE SESSION VIII: A POTPOURRI OF COMPLEX INTERVENTIONAL CASES
2:30 PM - 4:00 PM
A Potpourri of Complex Interventional Cases I
Moderators: Pedro De Araujo Goncalves, Afzalur Rahman
Discussants: Marco A. Alcocer-Gamba, Rosli Mod Ali, Haim Danenberg, Ahmed Magdy, Hung Pham Manh, Rogerio Sarmento-Leite

2:30 PM  Introduction
Lecturer: Afzalur Rahman

2:35 PM  Egypt Presents: When You Have Not Enough Coils
Case Presenter: Amr ElHadidy

2:45 PM  Roundtable Discussion With Audience QA

2:50 PM  Hong Kong Presents: Percutaneous Closure of Left Atrial Appendage With Thrombus in 2 Patients With Different Outcomes
Case Presenter: Ngai-Yin Chan

3:00 PM  Roundtable Discussion With Audience QA

3:05 PM  Indonesia Presents: Handling LAA Closure Device Implantation in Small LAA With Protruding Pectinate Muscles
Case Presenter: Teguh Santoso

3:15 PM  Roundtable Discussion With Audience QA

3:20 PM  Belarus Presents: Minimally Invasive Hybrid Approach to Direct Device LV Remodeling in Patient With Ischemic Cardiomyopathy
Case Presenter: Oleg Polonetsky

3:30 PM  Roundtable Discussion With Audience QA

3:35 PM  Spain Presents: Percutaneous Treatment of a Large Ascending Aortic Pseudoaneurysm
Case Presenter: Armando Perez de Prado

3:45 PM  Roundtable Discussion With Audience QA

3:50 PM  Final Thoughts
Lecturer: Pedro De Araujo Goncalves

4:00 PM - 5:30 PM
A Potpourri of Complex Interventional Cases II
Moderators: Magdy Abdelhamid, Petr Kala
Discussants: Saso Kedev, Mohammed I. Kurdi, Ricardo Lluberas, Helder Horta Pereira, Goran Stankovic

4:00 PM  Introduction
Lecturer: Magdy Abdelhamid

4:05 PM  Hong Kong Presents: What Is the Cause of Total LV Failure

4:15 PM  Roundtable Discussion With Audience QA

4:20 PM  Colombia Presents: Post Traumatic Coronary Cameral Fistula
Case Presenter: Jorge Villegas

4:30 PM  Roundtable Discussion With Audience QA

4:35 PM  Belgium Presents: Venticulo Arterial Uncoupling During High Risk Impella Protected PCI
Case Presenter: Johan R. Bennett

4:45 PM  Roundtable Discussion With Audience QA

4:50 PM  Tunisia Presents: How To Manage Acute Thrombosis of the Abdominal Aorta
Case Presenter: Habib Gamra

5:00 PM  Roundtable Discussion With Audience QA

5:05 PM  Egypt Presents: The Missing Way
Case Presenter: Mahmoud Soliman

5:15 PM  Roundtable Discussion With Audience QA

5:20 PM  Final Thoughts
Lecturer: Petr Kala

HIGHEST GRADED ABSTRACTS OF TCT 2019

SATURDAY, SEPTEMBER 28, 2019
8:30 AM - 10:30 AM
Moscone South, Level Two, Room 215

8:30 AM - 10:30 AM
Highest Peer-Reviewed Oral Abstracts of TCT2019 - Sponsored by CCI and EuroIntervention
Moderators: Steven R. Bailey, Patrick W. Serruys
Discussants: Sameer Gafoor, Lloyd W. Klein, Julio C. Palmaz, Jan J. Piek, Renu Virmani, Olaf Wendler

8:30 AM  TCT 4: Transcatheter Tricuspid Valve Repair in Patients With Functional Tricuspid Regurgitation: 2 Year Outcomes From the FORMA US Early Feasibility Study
Presenting Author: Susheel K. Kodali

8:40 AM  Discussion

8:45 AM  TCT 7: Blinded Outcomes Assessment of Absorb Biodegradable Scaffolds Implanted with Improved Technique: Two year Results from the ABSORB IV Randomized Trial
CHALLENGING CASES 5

9:15 AM - 10:45 AM
Coronary XX
Discussant: Yoshiaki Ito, Young-Hak Kim, Prathap Kumar, Faisal Latif, Shahar Lavi, Amir Lerman, Chunjian Li, John J. Lopez, Jianfang Luo, Sara C. Martinez, Bilal Mohyedin, Sunil V. Rao, Roberta Rossini

9:15 AM TCT 1422: Primary PCI post TAVI Corvalve
TCT 1439: PCI with post infarction VSD endovascular closure in cardiogenic shock patient
Presenting Author: Tigran Akopyan

TCT 1440: Percutaneous coronary intervention in a case of double vessel acute myocardial infarction due to multi site thrombosis: a rare presentation of Antiphospholipid syndrome.
Presenting Author: Vinin Thomachan

TCT 1441: Cocaine induced myocardial infarction complicated by cardiac arrest in 24 year old patient
Presenting Author: Wijnand Den Dekker

TCT 1442: Cardiogenic shock with extensive anterior wall STEMI with large thrombus originating from ascending aortic aneurysm
Presenting Author: Wiwat Kanjanarutjawiwat

TCT 1443: Retrograde primary PCI LAD via LIMA in anterior STEMI
Presenting Author: Wojciech Trenkner

TCT 1444: When your patient insist to challenge you
Presenting Author: Bassem Badr

TCT 1445: Shock and Bore: A Hybrid PCI Approach to Severely Calcific Lesions of Both Coronary Ostia
Presenting Author: Gareth Barnes

TCT 1446: Left main equivalent bifurcation stenting of saphenous venous graft lesion in a patient with a previous rare saphenous venous graft intervention.
Presenting Author: Harinder K. Ball

TCT 1447: OSTIAL LAD CTO STENTING WITH DES
Presenting Author: Hariom Tyagi

TCT 1448: Double S F guiding catheter system to reduce dye consumption in a case of true bifurcation lesion
Presenting Author: Hidetsugu Sakai

TCT 1449: Shockwave Lithotripsy Assisted PTCA in Right Coronary Artery CTO
Presenting Author: Ho-hin Choy

TCT 1450: Late left internal mammary graft acute occlusion
Presenting Author: Ilias Nikolakopoulos

TCT 1451: A True Solution to a False Aneurysm
Presenting Author: Jay Patel

TCT 1452: Tackling Left main during cardiopulmonary Resuscitation A Life saving experience
Presenting Author: Jayasheelan M R

TCT 1453: Challenging Access Preparation and Imaging Guided Complex Single Remaining Vessel Left Main PCI under Hemodynamic Support in a Patient with Impaired LV Function and Generalized Atherosclerosis
Presenting Author: Jonas Haener
9:15 AM TCT 1469: Management of Coronary Guidewire Fracture
Presenting Author: Omar Al-taweel

9:15 AM TCT 1470: COMPLICATIONS DURING LMCA PCI UNHOLY ROMANCE BETWEEN HEART AND BRAIN
Presenting Author: PRASANT KUMAR SAHOO

9:15 AM TCT 1471: Careless rendezvous - a recipe for disaster Single catheter retrograde CTO PCI with rendezvous technique causing perforation
Presenting Author: Pratap Kumar

9:15 AM TCT 1472: Unusual accident via transradial intervention
Presenting Author: Purich Surunchuakorn

9:15 AM TCT 1473: Complications and Learnings from MVD and Diabetics
Presenting Author: Rakesh Jaswal

9:15 AM TCT 1474: A DAY OF COMPLICATIONS
Presenting Author: ramesh patel

9:15 AM TCT 1475: RESCUE LEFT MAIN STENTING IN IATROGENIC ASCENDING AORTA DISSECTION INDUCED BY GUIDE CATHETER
Presenting Author: ramesh sankaran

9:15 AM TCT 1476: Shock after successful Primary PCIs shocking cause
Presenting Author: Ravindra Rajendran

9:15 AM TCT 1477: Rare Complication of PCI
Presenting Author: reyan anis

9:15 AM TCT 1478: Bail Out Reverse Crush Bifurcation Stenting for Hydraulic Dissection of the Left Main and Left Circumflex
Presenting Author: Samit Shah

9:15 AM TCT 1479: Pinhole coronary perforation due to rupture of a very small balloon in CTO technique with Grenadoplasty
Presenting Author: Samruay Kridkratek

9:15 AM TCT 1480: Successful Recovery of undeployed Stent Loss in LCx artery during Percutaneous Intervention
Presenting Author: Sana Ahmed

9:15 AM TCT 1481: A Complex Spontaneous Coronary Artery Dissection of Left Main Left Anterior Descending and Left Circumflex coronary artery
Presenting Author: Sayed Elgazy

9:15 AM TCT 1482: Bailout Polytetrafluoroethylene Covered Stent PTFE CS Implantation for Severe Coronary Perforation at the Bifurcation of the Left Anterior Descending Coronary Artery LAD using the Kissing Stent Technique.
Presenting Author: Seigo Iwane

9:15 AM TCT 1483: Successful Retrieval of an Entrapped Orbital Atherectomy System OAS by Using Two Guide System
Presenting Author: Sota Naniwa

9:15 AM TCT 1484: COVERED STENTS DO COVER YOU...
Presenting Author: Shyam Sasidharan

9:15 AM - 10:45 AM Endovascular VIII
Discussant: Ali F. Aboufoues, Mazen Abu-Fadel, J. Michael Bacharach, Daniel R. Bensimhan, Philippe Brenot, Alejandro Cherro, Maddury Jyotsna, Philip M. Meyers, John Moriarty, Khusrow Niazi

9:15 AM TCT 1485: Dual access for external iliac artery common femoral artery and superficial femoral artery recanalization using the Rendezvous technique

9:15 AM TCT 1486: ENDOVASCULAR TREATMENT OF POST TRAUMATIC ARTERIOVENOUS FISTULA AVF WITH MECHANICAL TOTAL OCCLUSION TO OF SUPERFICIAL FEMORAL ARTERY SFA
Presenting Author: ALEJANDRO MARIO MARTINEZ

9:15 AM TCT 1487: Stealing from the heart: A case of an intercostal branch of a left internal mammary artery graft
Presenting Author: Asif Uddin

9:15 AM TCT 1488: The case of multi stage treatment of arteriovenous malformations of the uterus and pelvis
Presenting Author: Bauyrzhan Ormanov

9:15 AM TCT 1489: Go where there is no path and leave a trail: a case of chronic iliac vein occlusion requiring repeated attempts for recanalization.
Presenting Author: Bryan Yan

9:15 AM TCT 1490: Transcatheter recanalization of Popliteal ATA and PTA
Presenting Author: Farhat Fouladvand

9:15 AM TCT 1491: Endovascular therapy for iliac arteries via Distal Radial Artery in Hemodialysis Patient
Presenting Author: satoru takaesu

9:15 AM TCT 1492: A rare case of acute idiopathic axillary artery occlusion DVT amp Massive pulmonary embolism
Presenting Author: Seekeala Padmanabhan

9:15 AM TCT 1493: High Output Cardiac Failure Resulting from Renal Artery Stenosis Related to an Aortic Endoluminal Graft
Presenting Author: Srilekha Sridhara

Presenting Author: Gustavo Carvalho

9:15 AM TCT 1495: Stroke due toparadoxic emboli from pulmonary arteriovenous malformation
Presenting Author: Ki Buom Lee

9:15 AM TCT 1496: My most challenging case
Presenting Author: Mark Abelson

Presenting Author: Nikita Litvynuk

9:15 AM - 10:45 AM Coronary XIV
Discussant: Xuebo Liu, Massimo Mancone, Salvatore F. Mannino, Hitoshi Matsuo, Lampros Michalis, Michael Mooney, Graham Nichol, Eugenia Nikolsky, Manotosh Panja, Amit N. Patel, Xiao Wang, Jiancheng Xiu, Yuejin Yang, Azfar G. Zaman, Chris Zambikides, Feng Zhang

9:15 AM TCT 1498: A Case of Spontaneous Coronary Artery Dissection Managed Based on NIRS IVUS Findings
Presenting Author: Adran Kassier

9:15 AM TCT 1499: 3D OCT guided Culotte intervention of LAD and D 1 bifurcation : Step by step
Presenting Author: Ganesan R. Nambirajan

9:15 AM TCT 1500: OCT guided exclusion of expanding multiple coronary aneurysms induced by bioreosorbable scaffolds
Presenting Author: Giuseppe Calligaris

9:15 AM TCT 1501: The antegrade dissection and re entry technique followed by intravascular ultrasound guided re wiring using New IVUS guided method for a LAD CTO case.
**Structural VIII**

**9:15 AM**

TCT 1502: A Case of Multivessel Recanalization of Organized thrombus  
**Presenting Author:** Hwa Jung Kim

**9:15 AM**

TCT 1503: OCT Guided PCI of Left Main Coronary Artery Stenting in Acute Coronary Syndrome  
**Presenting Author:** Jeethender Vasudev

**9:15 AM**

TCT 1504: Zero Contrast Minimal Contrast Image Guided PCI  
**Presenting Author:** Kartik Vasudev

**9:15 AM**

TCT 1505: Instant neointimal dissection versus geographic miss with dissection: need for multimodal imaging  
**Presenting Author:** Maya Safarova

**9:15 AM**

TCT 1506: MILKING THROUGH THE STENT  
**Presenting Author:** Roopali Khanna

**9:15 AM**

TCT 1507: An unstable angina case caused by coronary spasm not noticed without intravascular ultrasound finding  
**Presenting Author:** Takamichi Takahashi

**9:15 AM**

TCT 1508: Low post PCI FFR values: a Trigger for Trouble  
**Presenting Author:** Tara Neeman

**9:15 AM**

TCT 1509: Stent underexpansion in angiography guided percutaneous coronary intervention in patient with ST elevational myocardial infarction corrected later by IVUS guided PCI  
**Presenting Author:** Timea szigethi.timea14@gmail.com

**9:15 AM**

TCT 1510: Seeing the Unseen Intra Coronary Imaging  
**Presenting Author:** Vimalraj Bogana Shanmugam

**9:15 AM**

TCT 1511: LADampD Bifurcation How to treat  
**Presenting Author:** Yongbai Luo

**9:15 AM**

TCT 1512: Blunt Chest Trauma Presenting with Acute Coronary Event  
**Presenting Author:** Arf Albulushi

---

**9:15 AM - 10:45 AM**

**Structural IX**

**Discussant:** Amr E. Abbas, Ramesh Adiraju, Carla Agatiello, Asim Cheema, Matthias Götte, Simon Cheung-chi Lam, Michael J. Mullen, Vivian G. Ng, Brad Oldemeyer, Katia Orvin, Ali Oto, Jorge Palazuelos, Vincent J. Pompili, Vivek Rajagopal, Frank E. Silvestry, Alfredo Trento, Zoltan G. Turi

**9:15 AM**

TCT 1513: The Use of Multimodality Imaging to Diagnose Late Onset Complication Post TAVR: The Utility of MRI derived 4D Flow  
**Presenting Author:** Atul Chugh

**9:15 AM**

TCT 1514: Transcatheter Repair of Anterior Mitral Leaflet Perforation and Hemolysis: Deploy Retrieve Redeploy  
**Presenting Author:** Abdul Qazi

**9:15 AM**

TCT 1515: PCI to iatrogenic Left Main stenosis occurring after the sequential replacement of a defective aortic valve  
**Presenting Author:** Austin Komaranchath

**9:15 AM**

TCT 1516: Video Assisted Thoracoscopic Repair of a Penetrating Cardiac Injury with a Percutaneous ASD Occlusion Device: A Structural Heart Team Approach  
**Presenting Author:** Kurt Steinberg, Thomas Walther

**9:15 AM**

TCT 1517: After TAVI PVL treatment complications - how much is too much  
**Presenting Author:** Dariusz Jagielak

**9:15 AM**

TCT 1518: A Case Series of Late Valve Migration after Transcatheter Aortic Valve Implantation  
**Presenting Author:** Eric Cantey

**9:15 AM**

TCT 1519: MitraClip XTR embolization and retrieval Gripper Line Failure  
**Presenting Author:** femi philip

**9:15 AM**

TCT 1520: Out of the frying pan avoiding the fire: A VIV procedure resulting in a VSD  
**Presenting Author:** Hasan Rehman

**9:15 AM**

TCT 1521: when a simple interventional procedure turns into a nightmare  
**Presenting Author:** heba nossier

**9:15 AM**

TCT 1522: Slip N Slide: Valve Embolization During Valve in Valve Transcather Aortic Valve Replacement  
**Presenting Author:** John Medamana

**9:15 AM**

TCT 1523: Left Main Coronary Artery Occlusion during TAVR with Evolut R due to Skirt Obstruction of Sinus after Successful Left BASILICA  
**Presenting Author:** Kamran I. Muhammad

**9:15 AM**

TCT 1524: An Infolded EvolutTM: Unexpected Complication of Bicuspid Valve TAVR  
**Presenting Author:** Kendra Coose

**9:15 AM**

TCT 1525: Percutaneous transcatheter closure of iatrogenic aorto right atrial fistula using the Amplatzer duct occluder  
**Presenting Author:** Kyung Hoon Roh

**9:15 AM**

TCT 1526: Percutaneous closure of a post TAVR Aorta RV fistula  
**Presenting Author:** Michael Megaly

**9:15 AM**

TCT 1527: Aortic para valvular leak repair Can TAVR the answer  
**Presenting Author:** Mohamed Abdel-Aal Ahmed

---

**9:15 AM - 10:45 AM**

**Structural X**

**Discussant:** Peter C. Block, Martine Gilard, Sanjay Kaul, Jean-Claude Laborde, Antoine Lafont, Reginald I. Low, Pranav Loyalka, Doff B. McElhinney, Issam D. Moussa, Christoph A. Niemaber, Mark Osten, Jai-Wun Park, Mehul Patel, Daniel H. Steinberg, Thomas Walther

**9:15 AM**

TCT 1528: Percutaneous retrieval of an embolized 27 mm WATCHMAN device from the left ventricle using a combined transseptal and transarterial approach  
**Presenting Author:** Nikolaos Spilias

**9:15 AM**

TCT 1529: Balloon Rupture Management During Bio prosthetic Aortic Valve Fracture.  
**Presenting Author:** Sayf Altabaqchali

**9:15 AM**

TCT 1530: Successful implantation of MitraClip after cardiac tamponade  
**Presenting Author:** Shingo Mizuno

**9:15 AM**

TCT 1531: A Chain of Complications Due to Hemodynamically Relevant Iatrogenic Atrial Septal Defect after Successful MitraClip Implantation
TCT 1532: Removal of Leadless pacemaker using double snare catheters  
Presenting Author: Tadashi YAMAMOTO

TCT 1533: Ruptured sinus of valsalva complicating transcatheter aortic valve replacement  
Lessons and practical considerations for percutaneous closure.  
Presenting Author: Thato Mabote

TCT 1534: Percutaneous VA ECMO supported Transcatheter Valve in Valve implantation for Severe Bioprosthetic Pulmonic Valve Dysfunction  
Presenting Author: oakash garg

TCT 1535: A Rare Case of Carcinoid Heart Disease with Multi valvular Involvement Solved With Transcatheter Therapy  
Presenting Author: Aaron Gopal

TCT 1536: Successful coil embolization of a large RCA coronary sinus fistula causing coronary steal and a significant left to right shunt  
Presenting Author: Akanksha Thakkar

TCT 1537: Large LVOT pseudoaneurysm closed percutaneously from novel apical approach  
Presenting Author: Andrew Chatfield

TCT 1538: Percutaneous Closure of an Apical Pseudoaneurysm with an Amplatzer VSD Ocluder via Retrograde Approach  
Presenting Author: Brett Wannamaker

Presenting Author: Edgar Stroppa Lamas

TCT 1540: Percutaneous Management Of Large LAD to PA Coronary Fistula  
Presenting Author: Fawad Virk

TCT 1541: Coiling of LAD fistula  
Presenting Author: George Hunter

TCT 1542: Open Pulmonary Artery Narrowing with Trans Catheter Pulmonic Valve Replacement for Severe Symptomatic Pulmonic Regurgitation in High Risk Patient  
Presenting Author: Gerald Colern

TCT 1543: Coronary Compression Limiting Options for TPVR  
Presenting Author: Grant Henderson

TCT 1544: Successful Percutaneous Coronary Intervention in a Patient with Acute Coronary Syndrome in the Setting of an Anomalous Left Main Coronary Artery Arising from the Right Coronary Cusp  
Presenting Author: Hadi Mahmaljy

TCT 1545: A Giant Steal Single Coronary Artery with Coronary Cameral Fistula: Successfull device closure  
Presenting Author: Rodrigo Monsalve Leyton

TCT 1546: Bifurcation stenting in unexpected places In pulmonary vein stenting know your POT  
Presenting Author: Ioannis Iakovou

TCT 1547: TAVR for an aortic valve insufficiency in a very young patient with an initial diagnosis of a congenital aortic stenosis.  
Presenting Author: Jaroslaw Trebacz

TCT 1548: RESCUE PCI  
Presenting Author: Jitendra Singh

TCT 1549: A giant saphenous vein graft aneurysm treated with percutaneous closure  
Presenting Author: Joel Giblett

TCT 1550: Connecting the Dots  
Acquired Abdominal Aortic Interruption  
Presenting Author: John P. Brenholt

TCT 1551: PERCUTANEOUS CLOSURE OF INFUNDIBULAR VENTRICULAR SEPTAL DEFECT WITH A PDA OCCLUDER DEVICE IN AN ADULT WOMAN  
Presenting Author: JORGE DANIEL HERNANDEZ GUZMAN

TCT 1552: Percutaneous transcatheter occlusion of multiples Pulmonary arteriovenous fistulas PAVF with Amplatzers vascular plugs and Coil.  
Presenting Author: Jorge Luis Vivar Sanchez

TCT 1553: Unusual right to left atrial shunt successfully occluded with Amplatzer vascular plug II  
Presenting Author: Josef Bis

TCT 1554: Manual implantation through surgical access of a percutaneous VSD occluder device in a post AMI VSD.  
Presenting Author: Luis Ortega-Paz

TCT 1555: Complex coronary arteries giant coronary sinus fistulas: a case report of a rare fistulous communication successfully treated with percutaneous technique.  
Presenting Author: Massimo Mancone

TCT 1556: Intentional aortic bioprosthetic valve fracture to eliminate large paravalvular gaps with severe aortic regurgitation  
Presenting Author: Mehul Patil

TCT 1557: Nature Decides Survival  
Primary PCI in CCTGA at 76 yearsWorlsoldest patient  
Presenting Author: Milan Chag

TCT 1558: Complication of pulmonary valve in valve Procedure in a patient with tetralogy of fallot  
Presenting Author: Muhammad Yasin

TCT 1559: Post Myocardial Infaction Ventricular Septal Rupture Closure by Amplatzer VSD Device  
Presenting Author: Navreet Singh

TCT 1560: Percutaneous closure of apical VSD after failed surgical procedure  
Presenting Author: Pablo Antileo

TCT 1561: A Rare Case of Coronary Artery Anomalies  
Presenting Author: Rupa Patel

TCT 1562: FUNCTIONAL EVALUATION OF THE CLOSURE OF PULMONARY CORONARY FISTULA  
Presenting Author: Rodrigo Monsalve Leyton

TCT 1563: When a Balloon buys more time
CHALLENGING CASES 6

Coronary: Core
Coronary: CHIP
Structural: Non-Valve
Structural: Valve

2:00 pm - 3:30 pm
Coronary XXV

2:00 pm
TCT 1564: Anomalous left main coronary origin from right coronary sinus in 69 year old male with advanced atherosclerotic multivessel disease left main in stent stenosis and proximal left cx severe stenosis
Presenting Author: Ahmad Fatthy

2:00 pm
TCT 1565: Post TAVI PCI for Inferior Infarction The challenge
Presenting Author: Ahmed Ashraf Eissa

2:00 pm
Presenting Author: Ahmed Elghamaz

2:00 pm
TCT 1567: How can you transform a simple cruch case to a husttle
Overconfidence is a sin
Presenting Author: Ahmed Mowafy

2:00 pm
TCT 1568: RADIAL PCI IVUS GUIDED IN ANOMALY RARE LM AND MVDS
Presenting Author: ahmed zaid

2:00 pm
TCT 1569: Giant coronary aneurysm treated with stent and a ball of coils
Presenting Author: Anita Paggi

2:00 pm
TCT 1570: Ad Hoc Retrograde LAD CTO Bifurcation Revascularization in a Patient with NSTEMI
Presenting Author: Anna Subramaniam

2:00 pm
TCT 1571: Successful Angioplasty of a Very High Pressure Resistant Angulated Calcified Coronary Artery Lesion With a Shockwave IVL Catheter Advanced Using a Guide Catheter Extension
Presenting Author: Antoine Gerboy

2:00 pm
TCT 1572: Lower dose of tissue plasminogen activator used for ultrasound assisted catheter directed thrombolysis for high risk pulmonary embolism in a post operative patient with a high risk of bleeding
Presenting Author: Ankita Aggarwal

2:00 pm
TCT 1573: IVUS GUIDED LEFT MAIN DK CRUSH PTCA WITH ROTABATION AND IABP SUPPORT IN A CASE OF TENSION PNEUMOTHORAX ON VENTILATOR.
Presenting Author: Arshad M.

2:00 pm
TCT 1574: Successful staged PCI with atherectomy of LAD and RCA followed by TAVR in a patient with multivessel CAD and severe aortic stenosis.
Presenting Author: Ashvarya Mangla

2:00 pm
TCT 1575: Antegrad fenestration and re entry AFR with small balloon aortic valvuloplasty in a patient with severe aortic stenosis and chronic kidney disease
Presenting Author: Barbara Bellini

2:00 pm
TCT 1576: A Non Usual Critical Stenosis with Cardiogenic Shock after Cardiac Surgery
Presenting Author: Marc Bedossa

2:00 pm
TCT 1577: Thrombus Embolization while Attempting Access for Mitral Clip
Presenting Author: Marinos Charalambous

2:00 pm
TCT 1578: Complicated by the hemorrhagic and cardiogenic shock ECMO supported CHIP PCI of the severe LM stenosis in the patient with the severe AS before TAVR
Presenting Author: Mariusz Zadura

2:00 pm
TCT 1579: Impella assisted percutaneous coronary intervention using rotational atherectomy with minimal contrast after balloon aortic valvuloplasty in a patient with severe aortic stenosis and chronic kidney disease
Presenting Author: Masaru Kuroda

2:00 pm
TCT 1580: A challenging CTO case with a forgotten complication
Presenting Author: Mohamed Abo Bakr Elbayoumi

2:00 pm
TCT 1581: Take the risk or lose the chance A very critical distal LM Bifurcational PCI
Presenting Author: Mohab Wadie

2:00 pm
TCT 1582: Challenging Primary Percutaneous Coronary Intervention PCI to a Saphenous Vein Graft to Right Coronary Artery SVG RCA in the setting of Acute Inferior Myocardial Infarction and Recurrent Ventricular Fibrillation.
Presenting Author: Montaser Ismail

2:00 pm
TCT 1583: FUNCTIONAL ASSESSMENT OF SEQUENTIAL CORONARY ARTERY FISTULA AND CORONARY ARTERY STENOSIS WITH INSTANTANEOUS WAVE FREE RATIO IFR
Presenting Author: Muhammad Siddiqui

2:00 pm
TCT 1584: A Tough Nut
Presenting Author: Naema Ginwala-Hasan

2:00 pm
TCT 1585: The art of retrograde approach in chronic total occlusion:Externalisation to facilitate our difficulties
Presenting Author: Nay Tho WIN

2:00 pm
TCT 1586: Intra Coronary Rotaglide Injection To Facilitate Passage Of Rotaflow Wire Across An Uncrossable Severely Calcified Lesion.
Presenting Author: Nirmal Kaur

2:00 pm
TCT 1587: Kiss kiss and kiss its healthy
Presenting Author: Osama Shoeib
2:00 pm TCT 1588: Emergency Shockwave assisted PCI to underexpanded left main stem stents in Acute MI.  
Presenting Author: Peter O’Kane

2:00 pm TCT 1589: High risk Percutaneous coronary intervention in a patient with calcific distal LM and ostial LAD and ostial LCX lesions.  
Presenting Author: Prasad Shah

2:00 pm TCT 1590: Left Main Bifurcation Stenting by DK Crush technique  
Presenting Author: PUNISH SADANA

2:00 pm TCT 1591: COMPLEX HIGH RISK PTCA FROM LM OSTIUM TO DISTAL LAD IN CLACIFIED ARTERY USING BUDDY WIRE TECHNIQUE  
Presenting Author: RAHAV SHARMA

2:00 pm TCT 1592: I had a crush kissed but still its not a love story  
Presenting Author: RAHMATULLAH ASIF

2:00 pm TCT 1593: Complex Retrograde RCA CTO PCI  
Presenting Author: Raj Chandwaney

2:00 pm - 3:30 pm  
Coronary XXVII


2:00 pm TCT 1594: Just a mess  
Presenting Author: ramy atm

2:00 pm TCT 1595: When shorter is better....A novel technique for shorteninga guide catheter without losing guidewire position  
Presenting Author: René Hameau Davanzo

2:00 pm TCT 1596: Line em up A comprehensive heart team approach to multiple severe vascular conditions  
Presenting Author: Rohan Mehta

2:00 pm TCT 1597: Going in the opposite way is not always bad  
Presenting Author: Rosa Alba Abellas Sequeiros

2:00 pm TCT 1598: THROMBUS OR DISSECTION:WHICH IS THE WORST ENEMY  
Presenting Author: Shekhar Bhise

2:00 pm TCT 1599: Combined Transcatheter Aortic Valve Replacement and Transcatheter Mitral VIV Replacement for Mixed Aortic Stenosis and Severe Mitral Prosthesis Stenosis and Regurgitation  
Presenting Author: Sara Karnib

2:00 pm TCT 1600: Chronic Total Occlusion Percutaneous Coronary Intervention of Left Anterior Descending Artery in a Patient with Severe Anaphylaxis to Iodinated Contrast Agents  
Presenting Author: Saroj Neupane

2:00 pm TCT 1601: Severely Resistant Lesion of Right Coronary Artery Managed with High Pressure Balloon  
Presenting Author: Sasa Loncar

2:00 pm TCT 1602: Making the impossible possible Appropriate use od hybrid techniques  
Presenting Author: SATNAM SINGH

2:00 pm TCT 1603: Primary revascularization of occluded saphenous vein graft to detect anastomosis with IVUS guidance for treatment of Long RCA CTO lesion  
Presenting Author: Tomokazu Sawada

2:00 pm TCT 1604: How to manage an unusual complication after primary percutaneous intervention  
Presenting Author: Marouane Boukhris

2:00 pm TCT 1605: An Odd Exit: Story of a LM  
Presenting Author: Md Minhaj Arefin

2:00 pm TCT 1606: Stuck in a Crossroad  
Presenting Author: Michael Chiang

2:00 pm TCT 1607: Recover an Acutely Occluded Side Branch with a Small Balloon over a Jailed Wire Following Provisional Stenting  
Presenting Author: Michael Liang

2:00 pm TCT 1608: OCT Saved The Day A Complication never reported before  
Presenting Author: Milan Chag
2:00 pm  TCT 1619: I PREFER NIGHTMARE OVER CORONARY ARTERY PERFORATION  
Presenting Author: TUNAGGINA AFRIN KHAN

2:00 pm  TCT 1620: A klinky problem  
Presenting Author: Usha Rao

2:00 pm  TCT 1621: IATROGENIC DOUBLE HELIX IN ACUTE MI BLURRING TO BLIND  
Presenting Author: vijaychaitanya borra

2:00 pm  TCT 1622: Coronary perforation  
Presenting Author: Vikash Goyal

2:00 pm  TCT 1623: Subtle but not too subtle: Role of Intracoronary Imaging in Coronary Dissection  
Presenting Author: Wasiq Zaidi

2:00 pm  TCT 1624: A catastrophic case of post coronary artery bypass grafting presenting with unstable angina Stent entrapment and device shaft fracture during percutaneous coronary intervention  
Presenting Author: Wonho Kim

2:00 pm - 3:30 pm  Structural XII  

2:00 pm  TCT 1625: High Risk Transcatheter Pulmonic Valve Replacement of a Stenosed Conduit in a Hypercoagulable Patient  
Presenting Author: Saeed R. Shaikh

2:00 pm  TCT 1626: 1 Year Follow up Interraption Of Coronary venous Fistula With Stent Implantation In The Coronary Sinus  
Presenting Author: Sergey P. Semitko

2:00 pm  TCT 1627: Percutaneous intervention in LEVOATRIAL CARDINAL VEIN A rare Cause of right sided overload  
Presenting Author: shah zeb

2:00 pm  TCT 1628: Title: Anterior Aorta to Right Atrium Tunnel  
Presenting Author: Soumya Patra

2:00 pm  TCT 1629: Percutaneous closure of post traumatic ventricular septal defects by PDA device: A case report.  
Presenting Author: Tung Son Nguyen

2:00 pm  TCT 1630: Cardiac Arrest from Traumatic Aortopulmonary Window Following Transcatheter Pulmonary Valve Implantation in a Patient with Supported Ross  
Presenting Author: Vasutakarn Chongthammakun

2:00 pm  TCT 1631: A Peculiar Path to the Pulmonic Valve  
Presenting Author: Vignyan Bang

2:00 pm  TCT 1632: New onset decompensated heart failure secondary to biventricular non compaction cardiomyopathy and atrial septal defect in a female presenting in the 7th decade of life.  
Presenting Author: Yash Jobanputra

2:00 pm  TCT 1633: TAVR: Never give up  
Presenting Author: Mohammed Alshehri

2:00 pm  TCT 1634: Simultaneous TAVR and endovascular repair in 93 year old patient with severe aortic stenosis and severe aorto iliac disease  
Presenting Author: Nadish Garg

2:00 pm  TCT 1635: Three In One Intervention in a Patient with Severe Transvalvular Bioprosthetic Aortic Regurgitation Severe Left Main Stem and Proximal Right Coronary Artery Disease amp Obstructive Peripheral Vascular Disease  
Presenting Author: Neal Uren

2:00 pm - 3:30 pm  Structural XIII  
Discussant: Teiji Akagi, Bruce Bowers, Joanna Chikwe, Abdallah El Sabbagh, Giovanni Esposito, Anton Farkas, Khalil Fattouch, Jason Foerst, George Gellert, Paul Gurbel, Joseph A. Hill, Vijay Iyer, Katherine Kearney, Nish Patel

2:00 pm  TCT 1636: How to bailout valve embolization during transcatheter aortic valve replacement  
Presenting Author: Nozomu Yukimitsu

2:00 pm  TCT 1637: Transcatheter heart valve performed in Patient with Bicuspid Aortic Valve with low coronary height  
Presenting Author: Rajasekhar Varada

2:00 pm  TCT 1639: Ruptured Sapien balloon during VIV that resulted in death  
Presenting Author: Ramesh Dogubatti

2:00 pm  TCT 1640: Percutaneous Closure of AortoRight Ventricular Fistula following Transcatheter Aortic Valve Replacement  
Presenting Author: samineh sehatabkash

2:00 pm  TCT 1641: Intravascular Lithotripsy For Heavily Calcified Subclavian Artery Stenosis To Facilitate Transsubclavian TAVR Valve Delivery  
Presenting Author: Saurabh Joshi

2:00 pm  TCT 1642: Plugging Paravalvular Leak in Transcatheter Aortic Valves  
Presenting Author: Sean Conte

2:00 pm  TCT 1643: Transcatheter Aortic Valve Replacement in a Heavily Calcified Bicuspid Valve using Antegrade Annular Crossing  
Presenting Author: GUNASEKARAN SENGOTTUVELU

2:00 pm  TCT 1644: Transcatheter heart valve performed in patient with severe calcific aortic stenosis with mild aortic regurgitation  
Presenting Author: SHAJUDEEN P

2:00 pm  TCT 1645: Valve in valve Transcatheter Aortic Valve Replacement in a patient with late failure of Bentall procedure  
Presenting Author: Simone Budassi

2:00 pm  TCT 1646: First Transfemoral Implantation of a JenaValveTM for severe aortic regurgitation in a failing autograft 12 years after Ross operation  
Presenting Author: Stephan Fichtlscherer

2:00 pm  TCT 1647: When an Edwards valve will not cross. Understanding the differences between Sapien S3 and Ultra using the balloon cushion and buddy balloon techniques  
Presenting Author: Stephen Dorman

2:00 pm  TCT 1648: Successful transcatheter aortic valve implantation in a patient with severe aortic stenosis after the comprehensive aortic root and valve repair surgery  
Presenting Author: Suk Min Seo

2:00 pm  TCT 1649: No contrast Transcatheter Aortic Valve Replacement TAVR with the Direct Aortic DA Approach A case with severe allergy to contrast agents and a vulnerable plaque rich tortuous descending aorta.
2:00 PM
TCT 1650: Transcatheter aortic valve in valve implantation with bioprosthesis valve ring fracture for the treatment of a degenerated surgical valve of small label size
Presenting Author: Tomasso Fabris

2:00 PM
TCT 1651: A case of severe aortic stenosis with severe calcification on left ventricular outflow tract treated by transfemoral approach transcatheter aortic valve implantation after endovascular treatment for severe stenosis of common iliac artery.
Presenting Author: Tomoo Fujioka

2:00 PM
TCT 1652: Fortune favours the bold
Presenting Author: Vladimir Rubimandura

2:00 PM
TCT 1653: Emergent Transcatheter Aortic Valve Replacement for Degenerated Aortic Valve Bioprosthesis Presenting with Acute Aortic Insufficiency and Cardiogenic Shock: Time For The On Call TAVR Team
Presenting Author: William Merhi

2:00 PM
TCT 1654: Recurrent intra procedural ventricular flutter during TAVR
Presenting Author: Won Kim

2:00 PM
TCT 1655: Transcatheter Aortic Valve Replacement after Endovascular Aortic Repair
Presenting Author: Yoshimitsu Takaoka

2:00 PM
TCT 1656: A case of impending rupture of aortic aneurysm few days after TAVI for bicuspid valve
Presenting Author: YUSUKE TOKUDA

2:00 PM - 3:30 PM
Coronary XXX


2:00 PM
TCT 1657: Peri procedural mechanical circulatory support
Presenting Author: Lina Ya’qoub

2:00 PM
TCT 1658: The Intra Aortic Balloon Pump insertion in case of post myocardial infarction ventricular septal defect: still a reliable indication.
Presenting Author: Florian Rey

2:00 PM
TCT 1659: Hemodynamic support in LM intervention is a cornerstone for saving the patient especially in acute situation
Presenting Author: Mohamed Oraby

2:00 PM
TCT 1660: Cardiogenic Shock due to STEMI and NO surgeons on site Staying Alive
Presenting Author: Dimitris Dampasis

2:00 PM
TCT 1661: Perfectionism a double edged sword
Presenting Author: YEE SIN TEY

2:00 PM
TCT 1662: Stuck In a Tight Spot The Entrapment of an Inflated Balloon in the Left Main after VIIVTAVR Saved By IABP and Rescue Left Main Stenting.
Presenting Author: ABDEL RAHMAN OMER

2:00 PM
TCT 1663: Balloon pump to the rescue For the surgeon and the cardiologist..
**THE IMPACT OF DESIGN ON CORONARY GUIDEWIRE PERFORMANCE: A HANDS-ON EXPERIENCE**

**The Impact of Design on Coronary Guidewire Performance: A Hands-On Experience**

**SATURDAY, SEPTEMBER 28, 2019**

**8:00 AM – 9:30 AM**

The Impact of Design on Coronary Guidewire Performance: A Hands-On Experience

Training Pavilion Faculty: Emmanouil S. Brilakis, Andrea Gagnor, Duane S. Pinto, Robert F. Riley, Jason Wollmuth

**Training Pavilion, Hall F**

---

**TCT 1668: Bi ventricular support with oxygenator as alternative to VA ECMO in cases refractory cardiopulmonary failure**

**Presenting Author:** Enrique Campos

**2:00 PM**

**TCT 1669: Lean on Me: Impella Support in Unprotected Left Main Following Cardiac Arrest**

**Presenting Author:** David Wong

**2:00 PM**

**TCT 1670: IMPELLA facilitated IVUS Guided Left Main with Double CTO Revascularisation in NSTEMI with Severe LV Impairment and Severe Ischaemic Mitral Regurgitation**

**Presenting Author:** Kalaivani Mahadevan

**2:00 PM**

**TCT 1671: Impella Support in Transgender Patient Receiving Hormone Replacement Therapy Presenting with STEMI and Cardiogenic Shock.**

**Presenting Author:** Luis Dallan

**2:00 PM**

**TCT 1674: Emergent Placement of a Transcaval Impella CP in patient with Cardiac Arrest following an Anterior STEMI**

**Presenting Author:** Rohan Mehta

**2:00 PM**

**TCT 1675: Successful use of Impella AP through femoral access in a patient with bilateral iliac and aortic endoprostheses in the setting of cardiogenic shock**

**Presenting Author:** Mohammad El Tahlawi

**2:00 PM**

**TCT 1676: Cardiogenic Shock complicated by Diffuse Alveolar Hemorrhage DAH: Simultaneous use of an Impella CP and Veno Venous ECMO in a Case of ST Elevation Myocardial Infarction STEMI requiring tissue Plasminogen Activator tPA**

**Presenting Author:** Peter Avvento

**2:00 PM**

**TCT 1677: Percutaneous auxiliary circuit for mechanical circulatory support in complex higher risk indicated procedures CHIP**

**Presenting Author:** Mohammad El Tahlawi

**2:00 PM**

**TCT 1678: HAPPY HAIL MARY. CHIP: Alternative Access in Surgical Turndown**

**Presenting Author:** Francois Simon

**2:00 PM**

**TCT 1681: Impella supported Left Main PCI in a Patient with RCA CTO**

**Presenting Author:** Michael Megaly

**2:00 PM**

**TCT 1684: Mechanical Assistance with Impella Device for Treatment of Shock in Patients Undergoing TAVR.**

**Presenting Author:** Jay Patel

**2:00 PM**

**TCT 1685: Bi ventricular support with oxygenator as alternative to VA ECMO in cases refractory cardiopulmonary failure**

**Presenting Author:** Elsayed Abo-Salem

**2:00 PM**

**TCT 1686: Lean on Me: Impella Support in Unprotected Left Main Following Cardiac Arrest**

**Presenting Author:** David Wong

**2:00 PM**

**TCT 1687: Mechanic...
### Large-Bore Access To Close: What You Want (and Need) To Know

**SATURDAY, SEPTEMBER 28, 2019**

- **10:00 am - 10:20 am**
  - **Introduction - Access Planning and Management of Complications Review**
  - Training Pavilion Faculty: Adhir Shroff, Rajiv Tayal

- **2:00 pm - 2:20 pm**
  - **Hands-On Device Deployment**
  - Training Pavilion Faculty: Adhir Shroff, Rajiv Tayal

### Now That I See It, I Know How To Treat It! A HANDS-ON OCT Skills Lab

**SATURDAY, SEPTEMBER 28, 2019**

- **12:00 pm - 12:20 pm**
  - **OCT: Now That I See It - Presentation**

- **12:20 pm - 1:30 pm**
  - **Hands-On Sessions**

### Optimizing PCI: When to Use What in Coronary Physiology and Imaging: Case Review and Hands-On

**SATURDAY, SEPTEMBER 28, 2019**

- **8:00 am - 9:30 am**
  - **Training Pavilion, Hall F**

---

**8:00 am** Introduction

**8:05 am** Didactic on Guidewire Building Blocks and WH wires

**8:15 am** Hands on Workhorse Wires Activity

**8:30 am** Polymer Jacketed Wires Overview and Hands on Activity

**8:50 am** Extra Support Specialty wires Overview and Hands on Activity

**9:10 am** TurnTrac Wire Overview and Hands on Activity

**10:00 am - 11:30 am**

**2:00 pm - 3:30 pm**

**4:00 pm - 5:30 pm**

---

**12:20 pm** Virtual Reality Interactive OCT Session

**12:20 pm** OCT Workstation Measurements Assessments and Procedure Planning

**12:20 pm** Image Acquisition With a Wet Model Practice

**10:00 am** Introduction - Access Planning and Management of Complications Review

**2:00 pm** Introduction - Access Planning and Management of Complications Review

**4:00 pm** Didactic Session

**4:15 pm** Hands-On Activity Guided by Five Case Scenarios: Utilizing a Wet Model to Perform RFR and FFR

**8:00 am** Virtual Reality Interactive OCT Session

**8:00 am** OCT Workstation Measurements Assessments and Procedure Planning

**8:00 am** Image Acquisition With a Wet Model Practice
8:00 AM - 9:30 AM
Optimizing PCI: When to Use What in Coronary Physiology and Imaging: Case Review and Hands-On
Training Pavilion Faculty: Allen Jeremias, Arnold Seto

8:00 AM
Introduction
8:05 AM
When to Use What to Optimize PCI
8:35 AM
Hands On Rotations

COMPLEX LESION ALGORITHMIC APPROACH: PROVEN DEVICES AND NEW APPLICATIONS

SATURDAY, SEPTEMBER 28, 2019
10:00 AM - 11:30 AM
Training Pavilion, Hall F

10:00 AM - 11:30 AM
Complex Lesion Algorithmic Approach: Proven Devices and New Applications
Training Pavilion Faculty: Perwaiz M. Meraj, Sriniv Potluri, Anthony J. Spaedy

10:00 AM
Introduction
10:05 AM
Complex Lesion Algorithmic Approach: Proven Devices New Applications
10:35 AM
Hands On Rotations

TAVR: AN INTERACTIVE EXPERIENCE WITH SENTINEL CPS

SATURDAY, SEPTEMBER 28, 2019
12:00 PM - 1:30 PM
Training Pavilion, Hall F

12:00 PM - 1:30 PM
TAVR: An Interactive Experience With Sentinel CPS
Training Pavilion Faculty: Hemal Gada, Tamim M. Nazif

12:00 PM
Introduction
12:05 PM
ProductData Overview and Case Reviews
12:35 PM
Hands On Rotations

MANAGING THE PATIENT AT HIGH RISK OF BLEEDING: ONXY ONE; AN EVIDENCE BASED APPROACH

SATURDAY, SEPTEMBER 28, 2019
10:00 AM - 11:30 AM
Training Pavilion, Hall F

10:00 AM - 11:30 AM
Managing the Patient at High Risk of Bleeding: Onyx One; an Evidence Based Approach
Training Pavilion Faculty: Roxana Mehran, Matthew J. Price, Daniel I. Simon, Stephan Windecker

10:00 AM
Introduction
10:05 AM
ProductData Overview and Case Reviews
10:35 AM
Hands On Rotations

SATURDAY, SEPTEMBER 28, 2019
12:00 PM - 1:30 PM
Training Pavilion, Hall F

12:00 PM - 1:30 PM
Managing the Patient at High Risk of Bleeding: Onyx One; an Evidence Based Approach
Training Pavilion Faculty: Roxana Mehran, Matthew J. Price, Daniel I. Simon, Stephan Windecker

12:00 PM
Introduction
12:05 PM
Low Risk Data Review
12:15 PM
Low Risk Patient Selection and Treatment Pathway Considerations and Shared Decision Making
### HOW THINGS WORK - THE SCIENCE OF RDN

**How Things Work - The Science of RDN**

**SATURDAY, SEPTEMBER 28, 2019**
2:00 PM - 3:30 PM
Training Pavilion, Hall F

- **2:00 PM** Session Objectives
- **2:05 PM** Preclinical Evidence About Renal Denervations Mechanism of Action
- **2:25 PM** Renal Denervation Response and Affecting Factors What About Isolated Systolic Hypertension
- **2:45 PM** Mechanisms of Radio Frequency Ablation and the Truth About the Ablation Depth
- **3:05 PM** Radio Frequency Ablation for Renal Denervation

### TIPS, TOOLS, AND TECHNIQUES FOR SUCCESSFUL POST-TAVR PCI

**Tips, Tools, and Techniques for Successful Post-TAVR PCI**

**SATURDAY, SEPTEMBER 28, 2019**
4:00 PM - 5:30 PM
Training Pavilion, Hall F

- **4:00 PM** Introduction to Post TAVR PCI
- **4:15 PM** Cases with Common Access Challenges
- **4:35 PM** Simulation Demo
- **4:45 PM** Hand On Simulation

### COMPLEX LESION MANAGEMENT IN SFA INTERVENTION

**Complex Lesion Management in SFA Intervention**
SATURDAY, SEPTEMBER 28, 2019
8:00 AM - 9:30 AM
Training Pavilion, Hall F

8:00 AM - 9:30 AM
SFA Intervention: De-Bulking, Complex Lesions, and Definitive Therapy Session I

8:00 AM  Session I: Introduction
8:10 AM  Session II: Rotations Four 20 Minute Rotations
8:10 AM  Rotation: Definitive Treatment Options Featuring Abbott
8:10 AM  Rotation: Definitive Treatment Options and Debulking Featuring BSC
8:10 AM  Rotation: Definitive Treatment Options Debulking and Complex Lesions Featuring Medtronic

TIPS AND TRICKS FOR CHIP/COMPLEX PCI

SATURDAY, SEPTEMBER 28, 2019
2:00 PM - 3:30 PM
Training Pavilion, Hall F

2:00 PM  Rapid Fire Case Presentations
2:00 PM  My Top 10 Tips and Tricks for Treating Bifurcation Lesions
2:12 PM  Roundtable Discussion With Audience QA
2:15 PM  My Top 10 Tips and Tricks for Crossing and Device Delivery
2:27 PM  Roundtable Discussion With Audience QA
2:42 PM  Roundtable Discussion With Audience QA
2:45 PM  Hands On Rotations Between Medtronic Abiomed and TBD
2:45 PM  Rotation: Medtronic Inc. Featured Devices: Telescope Radial Guides Bifurcation Videos Three 12 Minute Presentations Followed by 3 Minute Discussion
2:45 PM  Rotation: Abiomed Featured Devices and Access Three 12 Minute Presentations Followed by 3 Minute Discussion

Complex Lesion Management in SFA Intervention

SATURDAY, SEPTEMBER 28, 2019
10:00 AM - 11:30 AM
Training Pavilion, Hall F

10:00 AM - 11:30 AM
SFA Intervention: De-Bulking, Complex Lesions, and Definitive Therapy Session II

10:00 AM  Session I: Introduction
10:00 AM  Introduction: Introducing Unmet Needs Complex Lesions Definitive Treatment Options and Debulking
Lecturer: Ehrin J. Armstrong

10:10 AM  Session II: Rotations
10:10 AM  Rotation: Definitive Treatment Options Featuring Abbott Four 20 Minute Rotations

Tips and Tricks for CHIP/Complex PCI

SATURDAY, SEPTEMBER 28, 2019
4:00 PM - 5:30 PM
Training Pavilion, Hall F
Tips and Tricks for CHIP/Complex PCI Session II
Training Pavilion Faculty: Dimitrios Bliagos, Miroslaw Ferenc, Duane S. Pinto, Anuradha Tunuguntla, Junjie Zhang

4:00 PM - 5:30 PM
Rapid Fire Case Presentations

4:00 PM
My Top 10 Tips and Tricks for Treating Bifurcation Lesions
Case Presenter: Miroslaw Ferenc

4:12 PM
Roundtable Discussion With Audience QA
Case Presenter: Miroslaw Ferenc

4:15 PM
My Top 10 Tips and Tricks for Crossing and Device Delivery
Case Presenter: Dimitrios Bliagos

4:27 PM
Roundtable Discussion With Audience QA
Case Presenter: Dimitrios Bliagos

4:30 PM
Novel Forms of Access With Hemodynamic Support
Case Presenter: Duane S. Pinto

4:42 PM
Roundtable Discussion With Audience QA
Case Presenter: Duane S. Pinto

4:45 PM
Hands On Rotations Between Medtronic Abiomed and TBD
Rotation: Medtronic Inc. Featured Devices: Telescope Radial Guides Bifurcation Videos
Three 12 Minute Presentations Followed by 3 Minute Discussion
Training Pavilion Faculty: Dimitrios Bliagos, Miroslaw Ferenc, Saitur Rahman Khan, Anu Tunuguntla, Rajesh Vijayvergiya

4:45 PM
Rotation: Abiomed Featured Devices and Access
Training Pavilion Faculty: Duane S. Pinto, Anu Tunuguntla

CTO MASTERS OPERATOR WORKSHOP @ TCT 2019 (PART 1)

CTO Masters Operator Workshop @ TCT 2019 (PART 1)

SATURDAY, SEPTEMBER 28, 2019
8:00 AM - 9:30 AM
Training Pavilion, Hall F

8:00 AM - 8:05 AM
Introduction & Opening Speech
Training Pavilion Faculty: Junbo Ge

8:05 AM - 8:20 AM
Practice-based Lecture: Antegrade Approach for CTO - How and Why?
Training Pavilion Faculty: Jie Zhao

8:20 AM - 8:35 AM
Practice-based Lecture: ADR for CTO - How and Why?

8:35 AM - 8:50 AM
Practice-based Lecture: IVUS-Guided CTO PCI - How and Why?
Training Pavilion Faculty: Chunjian Li

8:50 AM - 9:30 AM
Meet the Experts / Demonstration with Step-by-Step Hands-On Training on Models

8:50 AM
CTO Antegrade Approach Operation Table Terumo
Training Pavilion Faculty: Pengcheng He, DA YIN

8:50 AM
Crossboss Stingray Training Table Boston Scientific
Training Pavilion Faculty: YU CAO, Bin Nie

CTO MASTERS OPERATOR WORKSHOP @ TCT 2019 (PART 2)

SATURDAY, SEPTEMBER 28, 2019
10:00 AM - 11:30 AM
Training Pavilion, Hall F

10:00 AM - 10:15 AM
Practice-based Lecture: Retrograde Approach for CTO - How and Why?
Training Pavilion Faculty: ma jianying

10:15 AM - 10:30 AM
Practice-based Lecture: Reverse CART and Active Greeting Technique - How and Why?
Training Pavilion Faculty: Tao Hu

10:30 AM - 10:45 AM
Practice-based Lecture: Management of CTO PCI Complications - How and Why?
Training Pavilion Faculty: Yuchen Zhang

10:45 AM - 11:30 AM
Meet the Experts / Demonstration with Step-by-Step Hands-On Training on Models

10:45 AM
CTO Operation: Retro Tracking Crossing Reverse CART Terumo
Training Pavilion Faculty: Jun Pu, Jie Song

10:45 AM
CTO Operation Table2: AGT Home made Snare for Retrograde Guidewire Terumo
Training Pavilion Faculty: ma jianying, Weiming Li

CINCHING THE MITRAL APPARATUS TO TREAT FMR: CARILLON MITRAL CONTOUR SYSTEM HANDS-ON TRAINING

Cinching the Mitral Apparatus to Treat FMR: Carillon Mitral Contour System Hands-On Training

SATURDAY, SEPTEMBER 28, 2019
2:00 PM - 3:30 PM
Training Pavilion, Hall F
Introduction
Training Pavilion Faculty: Steven Goldberg, Martin B. Leon, Klaus Witte

Cardiac Dimensions’ Mission
Training Pavilion Faculty: Steven Goldberg, Martin B. Leon, Klaus Witte

The Carillon Trial - IDE Study Currently Enrolling Sites & Patients
Training Pavilion Faculty: Steven Goldberg, Martin B. Leon, Klaus Witte

The Carillon Mitral Contour System
Training Pavilion Faculty: Steven Goldberg, Martin B. Leon, Klaus Witte

Breakout Sessions
Training Pavilion Faculty: Steven Goldberg, Klaus Witte

Station 1  Dry Model Deployment on the Carillon Mitral Contour System
Station 2  Animal Model Deployment on the Carillon Mitral Contour System
Station 3  Wet Model Deployments of the Carillon Mitral Contour System Showing Improvements in Hemodynamics and Cinching of the Mitral Apparatus

Close and Adjourn
Training Pavilion Faculty: Steven Goldberg, Klaus Witte

BIORESORBABLE SCAFFOLDS - 4

Bioresorbable Scaffolds - 4
Coronary: Core

SATURDAY, SEPTEMBER 28, 2019
9:30 AM - 10:30 AM
Moderated Posters 4, Exhibit Hall, Exhibition Level, Moscone South

TCT 182: Peri strut low intensity areas and neointimal response evaluation by serial optical coherence tomography at baseline 1 and 5 years after bioresorbable scaffold implantation in STEMI
Presenting Author: Dorota Ochijewicz

Discussion

TCT 183: The Impact of Atherosclerotic Plaque Type on Strut Penetration and Local Hemodynamics in Bioresorbable Scaffolds
Presenting Author: ERHAN TENEKECIOGLU

Discussion

TCT 184: Early Scaffold Disruption and Late Structural Discontinuity after Implantation of the Aptitude Sirolimus Eluting Biodegradable Scaffold in Normal Porcine Coronary Arteries: An OCT Study
Presenting Author: Yanping Cheng

Discussion

TCT 185: ABSORB CTO study. Long term follow up and vasomotor and OCT findings.
HEMODYNAMIC SUPPORT DURING PCI

SATURDAY, SEPTEMBER 28, 2019
9:30 AM - 10:20 AM
Moderated Posters 7, Exhibit Hall, Exhibition Level, Moscone South

9:30 AM - 10:20 AM
Hemodynamic Support During PCI
Moderators: Khaldoon F. Alaswad, Thomas D. Stuckey
Discussants: Mir Babar Basir, John McB. Hodgson, Michael A. Kutcher, Rajeev Narayan

9:30 AM
TCT 318: Hemodynamics of High Risk Percutaneous Coronary Intervention With and Without Mechanical Circulatory Support: A Pilot Study With Pressure Volume Loop Analysis
Presenting Author: Michael Brener

9:37 AM
Discussion

9:40 AM
TCT 319: Impact of Percutaneous Ventricular Assist Device Utilization Volume During Percutaneous Coronary Intervention in Non Cardiogenic Shock Patients on 30 Day Readmission Rate: A Nationwide Cohort Study
Presenting Author: Yasser Al-khadra

9:47 AM
Discussion

9:50 AM
TCT 320: Prophylactic Veno Arterial Extra Corporeal Membrane Oxygenation in Patients Undergoing High Risk Percutaneous Coronary Interventions
Presenting Author: Floris van den Brink

9:57 AM
Discussion

10:00 AM
TCT 321: Head to head comparison of a pulsatile and a continuous flow left ventricular assist device in high risk PCI setting iVAC2L vs. Impella 2.5
Presenting Author: Alexander Samol

10:07 AM
Discussion

10:10 AM
TCT 322: Outcome in patients undergoing high risk PCI using Impella circulatory support: 10 year experience
Presenting Author: Vincenzo Vetrugno

10:17 AM
Discussion

INTRAVASCULAR IMAGING - 4

Intravascular Imaging - 4

Coronary: Core

9:30 AM - 10:30 AM
Drug Eluting Stent Studies - 4
Moderators: Michael Maeng
Discussants: Thomas C. McAndrew, Gert Richardt, Philip M. Urban

9:30 AM
TCT 294: Clinical Outcomes in Women and Minorities According to the Urgency of Percutaneous Coronary Intervention
Presenting Author: Davide Cao

9:37 AM
Discussion

9:40 AM
TCT 295: Prognosis of percutaneous coronary intervention with very long stents implantation in real clinical practice.
Presenting Author: IGNACIO SANCHEZ PEREZ

9:47 AM
Discussion

9:50 AM
TCT 296: Comparison between the use of very long stents and overlapping stents for the treatment of diffuse coronary artery disease. A real life registry
Presenting Author: IGNACIO SANCHEZ PEREZ

9:57 AM
Discussion

10:00 AM
TCT 297: Performing percutaneous coronary interventions with pre dilatation using non compliant balloons at high pressure versus conventional pre dilatation with semi compliant balloons Insights from two randomized studies using optical coherence tomography
Presenting Author: Matthias Bossard

10:07 AM
Discussion

10:10 AM
TCT 298: Outcomes of Patients Undergoing Complex Percutaneous Coronary Intervention
Presenting Author: Lorenzo Azzalini

10:17 AM
Discussion

10:20 AM
TCT 299: The Impact of Left Ventricular Ejection Fraction on Long term Outcomes in Patients Undergoing PCI: Analysis from a large pooled randomized trial dataset
Presenting Author: mingyou zhang

10:27 AM
Discussion
9:30 AM - 10:30 AM
**Novel Aortic Devices and Approaches**

Moderators: Stefan Anker, Martin W. Bergmann
discussants: Saif Anwaruddin, Gary Gershony, Robert J. Lederman

9:30 AM TCT 477: Balloon aortic valvuloplasty: a pilot experience of same day discharge with a transradial approach  
Presenting Author: Marco Balducelli

9:37 AM Discussion

9:40 AM TCT 478: Results of the Italian Multicenter Register of the Safety and Feasibility of Transradial Mini Invasive Balloon Aortic Valvuloplasty Softly II  
Presenting Author: Carlo Tumscitz

9:47 AM Discussion

9:50 AM TCT 479: Transfermoral aortic valve implantation using self expanding New Valve Technology NVT Allegra bioprosthesis: short and long term results  
Presenting Author: Dariusz Jagielak

9:57 AM Discussion

10:00 AM TCT 480: Specific intraprocedural adverse events with new generation self expandable TAVR devices: Is it all a matter of device size  
Presenting Author: Verena Veulemans

10:07 AM Discussion

10:10 AM TCT 481: Transcatheter Transapical Aortic Valve Resection: New Devices  
Presenting Author: Georg Lutter

10:17 AM Discussion

10:20 AM TCT 482: Temporal evaluation of a biological response and functionality of a novel balloon expandable transcatheter aortic valve system MyVal in a model of aortic banding  
Presenting Author: Piotr P. Buszman

10:27 AM Discussion

**PRE-CLINICAL MODELS AND STUDIES**

**Pre-Clinical Models and Studies**

SATURDAY, SEPTEMBER 28, 2019  
9:30 AM - 10:30 AM  
Moderated Posters 1, Exhibit Hall, Exhibition Level, Moscone South

9:30 AM TCT 593: Left Ventricular Unloading Preserves Energy Substrate Utilization in Preclinical Models of Acute Myocardial Infarction  
Presenting Author: Daniel Pugliese

9:37 AM Discussion

9:40 AM TCT 594: A Novel Prosthetic Valve for Implantation in the Small Aorta with Reduced Prosthesis Diameter  
Presenting Author: Robert Zander

9:47 AM Discussion

9:50 AM TCT 595: Preclinical evaluation of a new intravascular ultrasound catheter with novel non-contact technology for aortic valve imaging  
Presenting Author: Diego A. Argenyi

9:57 AM Discussion

10:00 AM TCT 596: In-vivo performance of novel balloon expandable transcatheter aortic valve system (MyVal) in a porcine model of short and long term impact of aortic valve disease on left ventricular function  
Presenting Author: Piotr P. Buszman

10:07 AM Discussion

Presenting Author: Piotr P. Buszman

10:17 AM Discussion

10:20 AM TCT 598: Acute hemodynamic and energetic effects of transcatheter aortic valve implantation with a novel balloon-expandable valve  
Presenting Author: Piotr P. Buszman

10:27 AM Discussion

**NOVEL AORTIC DEVICES AND APPROACHES**

**Novel Aortic Devices and Approaches**

9:30 AM - 10:30 AM

**Moderated Posters 2, Exhibit Hall, Exhibition Level, Moscone South**
TCT 594: Blunting the Double Edged Sword of Reperfusion: Left Ventricular Unloading Protects the Functional Integrity of Mitochondrial Complex I in Preclinical Models of Ischemia With and Without Reperfusion  
Presenting Author: Lija Swain

TCT 595: Left Ventricular Cardiac Reshaping With Trans myocardial Splints Does not Impair Diastolic Function in Preclinical Studies  
Presenting Author: Daisuke Onohara

TCT 596: Reducing Left Ventricular Sphericity With a Trans ventricular Myocardial Splint Improves Systolic Function in a Preclinical Ischemic Cardiomyopathy Model  
Presenting Author: Daisuke Onohara

TCT 604: Results of 6 months follow up after renal denervation for patients with resistant hypertension.  
Presenting Author: Daria Chigidinova

TCT 605: Sympathetic renal denervation in patients with refractory arterial hypertension: two year follow up  
Presenting Author: Danil Maximkin

TCT 606: Adventitial Guanethidine MMS 008 in Comparison to Ethanol and a Prior Formulation of Guanethidine MMS 007 for Renal Denervation: Preclinical Norepinephrine and Histopathology Results  
Presenting Author: Kirk P. Seward

TCT 607: Optimizing Safety and Efficacy of Lesion Formation for Percutaneous Renal Denervation: Human and Porcine Histological Analysis  
Presenting Author: Andrew Sharp

TCT 608: Implementation of Bayesian Study Design in the SPYRAL HTN OFF MED Pivotal Trial  
Presenting Author: Michael Böhm

RENAL DENERVATION

Renal Denervation
Vascular

SATURDAY, SEPTEMBER 28, 2019
9:30 am - 10:20 am
Moderated Posters 3, Exhibit Hall, Exhibition Level, Moscone South

9:30 am - 10:20 am
Renal Denervation

9:30 am
TCT 604: Results of 6 months follow up after renal denervation for patients with resistant hypertension.  
Presenting Author: Daria Chigidinova

9:37 am
Discussion

9:40 am
TCT 605: Sympathetic renal denervation in patients with refractory arterial hypertension: two year follow up  
Presenting Author: Danil Maximkin

9:47 am
Discussion

VULNERABLE PLAQUES AND HIGH-RISK PATIENTS - 2

Vulnerable Plaques and High-Risk Patients - 2
Coronary: Core

SATURDAY, SEPTEMBER 28, 2019
9:30 am - 10:30 am
The Moscone Center

9:30 am - 10:30 am
Vulnerable Plaques and High-Risk Patients - 2
Moderators: Robert L. WilenskyDiscussants: Imad Sheiban, Lei Song, Pim A.L. Tonino, Konstantinos Toutouzas

9:30 am
TCT 833: Inflammatory Risk Status Is Age Dependent in Women but Not in Men Undergoing Percutaneous Coronary Intervention  
Presenting Author: Rishi Chandiramani

9:37 am
Discussion

9:40 am
TCT 834: Coronary Plaque Vulnerability in Statin Treated Patients with Elevated LDL C and hs CRP: Optical Coherence Tomography Study  
Presenting Author: Surbhi Chamaria

9:47 am
Discussion

9:50 am
TCT 835: Impact of Early Intervention with Alogliptin on Coronary Plaque Regression in Patients with Acute Coronary Syndromes: A Prospective Single Center Randomized Trial  
Presenting Author: Shinnosuke Kikuchi

9:57 am
Discussion

10:00 am
TCT 836: The ratio serum creatinineserum cystatin C as a predictor of ischemic risk in elderly patients with coronary artery disease.  
Presenting Author: Hak Seung Lee

10:07 am
Discussion
10:10 AM TCT 837: Diagnosed Obstructive Sleep Apnea Is Associated With Improved In Hospital Mortality In Patients With Non ST Elevation Myocardial Infarction
Presenting Author: Sakiru Isa

10:17 AM Discussion

10:20 AM TCT 838: Prognostic Value of High Sensitivity C Reactive Protein in Percutaneous Coronary Intervention According to Body Mass Index
Presenting Author: Niklas Beyhoff

10:27 AM Discussion

DETECTION AND CLOSURE OF PARAVALVULAR LEAKS

Detection and Closure of Paravalvular Leaks

SATURDAY, SEPTEMBER 28, 2019
10:30 AM - 11:30 AM
Moderated Posters 3, Exhibit Hall, Exhibition Level, Moscone South

10:30 AM - 11:30 AM Detection and Closure of Paravalvular Leaks
Moderators: Jose Luis Navia, Carlos E. Ruiz
Discussants: Anna Sonia Petronio, Andres Pineda

10:30 AM TCT 253: Transcatheter Device Closure of Paravalvular Leaks a Single Centre Experience
Presenting Author: Raghuram Palaparti

10:37 AM Discussion

10:40 AM TCT 254: Impact of the aortic annulus maximal diameter on oversizing the self expandable valve Medtronic and on the reduction of post transcatheter aortic valve implantation paravalvular leak
Presenting Author: Sahbi Fradi

10:47 AM Discussion

10:50 AM TCT 255: Impact of the Aortic Annulus Maximal Diameter on Oversizing the Self Expandable Valve Medtronic and on the Reduction of Post Transcatheter Aortic Valve Implantation Paravalvular Leak
Presenting Author: Bechara EL JOURDI

10:57 AM Discussion

10:57 AM TCT 256: Minimally Invasive Transradial Approach for Percutaneous Closure of Aortic Paravalvular Leaks: a single center experience
Presenting Author: Luis Ortega-Paz

11:00 AM TCT 257: Effect of Post Dilatation Irrespective of the Degree of Residual Paravalvular Leakage Following Balloon Expandable Transcatheter Aortic Valve Replacement
Presenting Author: TOMOHIRO KAWAGUCHI

11:00 AM TCT 258: Outcomes of Residual Trivial and Mild Aortic Regurgitation After Transcatheter Aortic Valve Replacement
Presenting Author: Johnny Chahine

11:07 AM Discussion

11:10 AM TCT 259: One year Clinical Outcomes After Percutaneous Coronary Intervention With Biodegradable Polymer Ultra thin Strut Everolimus Eluting Coronary Stent System
Presenting Author: Ashok Thakkar

11:17 AM Discussion

11:20 AM TCT 260: Real World Experience of Biodegradable polymer Drug Eluting Stents Versus Second Generation Durable Polymer Drug Eluting Stents in Patients With ST Segment Elevation Myocardial Infarction Undergoing Primary Percutaneous Coronary Intervention

11:27 AM Discussion

DRUG-ELUTING STENT STUDIES - BIODEGRADABLE POLYMERS

Drug-Eluting Stent Studies - Biodegradable Polymers

CORONARY: CORE

SATURDAY, SEPTEMBER 28, 2019
10:30 AM - 11:30 AM
Moderated Posters 8, Exhibit Hall, Exhibition Level, Moscone South

10:30 AM - 11:30 AM Drug-Eluting Stent Studies - Biodegradable Polymers
Moderators: Arif Al Nooryani
Discussants: Olivier F. Bertrand, Stephen G. Ellis, Stephen P. Hoole, Detlef G. Mathey

10:30 AM TCT 300: One year Clinical Outcomes After Percutaneous Coronary Intervention With Biodegradable Polymer Ultra thin Strut Everolimus Eluting Coronary Stent System
Presenting Author: Ashok Thakkar

10:37 AM Discussion

10:40 AM TCT 301: Evaluating the Long term Prognosis of Coronary Artery Disease Patients with Biodegradable Polymer Drug eluting Stents Implantation after Risk Stratification with SYNTAX Revascularization Index: Results From a Secondary Analysis of the I LOVE IT 2 Trial
Presenting Author: Liya Bian

10:47 AM Discussion

10:50 AM TCT 302: Safety and Clinical Performance of Biodegradable Polymer coated Ultra thin Strut Sirolimus eluting Stents: Two year Outcomes From Real World Patient Population From the T Flex Registry
Presenting Author: POTHINENI RAMESH BABU

10:57 AM Discussion

11:00 AM TCT 303: Efficacy and Safety of the Biodegradable polymer sirolimus eluting stents in Routine Clinical Practice: Data from the IRIS DES Registry
Presenting Author: Kyung Jin Choe

11:07 AM Discussion

11:10 AM TCT 304: One year Clinical Outcomes in Patients Implanted With Biodegradable Polymer Coated Ultra thin Strut Sirolimus Eluting Coronary Stent System for the Treatment of Very Long 40 mm Lesions
Presenting Author: Vishal Batra

11:17 AM Discussion

11:20 AM TCT 305: Real World Experience of Biodegradable Polymer Drug Eluting Stents Versus Second Generation Durable Polymer Drug Eluting Stents in Patients With ST Segment Elevation Myocardial Infarction Undergoing Primary Percutaneous Coronary Intervention
MANAGEMENT OF ANTIPLATELET THERAPY AND ANTICOAGULATION IN PATIENTS UNDERGOING PCI - 4

Management of Antiplatelet Therapy and Anticoagulation in Patients Undergoing PCI - 4

SATURDAY, SEPTEMBER 28, 2019
10:30 AM - 11:30 AM
Moderated Posters 4, Exhibit Hall, Exhibition Level, Moscone South

10:30 AM - 11:30 AM
Management of Antiplatelet Therapy and Anticoagulation in Patients Undergoing PCI - 4
Moderators: Eli I. Lev, Ahmed Magdy
Discussants: Simon R. Dixon, Zuzana Motovska, Keith G. Oldroyd, Thomas D. Stuckey

10:30 AM
TCT 412: Comparative Safety and Efficacy of Second Generation P2Y12 Inhibitors versus Clopidogrel in Combination with Oral Anticoagulation in Atrial Fibrillation Patients Undergoing Percutaneous Coronary Intervention: A Systematic Review and Meta Analysis
Presenting Author: Shaun Giancaterino

10:37 AM
Discussion

10:40 AM
TCT 413: Different Safety Pattern of Ticagrelor Monotherapy Following Percutaneous Coronary Interventions Related to Pulse Pressure Levels: A Sub analysis of the GLOBAL LEADERS Randomized Multicenter Trial
Presenting Author: Rodrigo Modolo

10:47 AM
Discussion

10:50 AM
TCT 414: Anticoagulation Regimens in Patients with Atrial Fibrillation Undergoing Percutaneous Coronary Intervention Network Meta analysis.
Presenting Author: Alexander Ivanov

10:57 AM
Discussion

11:00 AM
TCT 415: Platelet reactivity inhibition following ticagrelor loading dose in patients undergoing percutaneous coronary intervention for acute coronary syndrome
Presenting Author: Vassili Panagides

11:07 AM
Discussion

11:10 AM
TCT 416: Efficacy and Safety of Single versus Double Antiplatelet Therapy in Patients on Anticoagulation following Percutaneous Coronary Intervention: A Systematic Review and Meta analysis
Presenting Author: Varunsiri Atti

11:17 AM
Discussion

11:20 AM
TCT 417: Influence of Thrombotic and Bleeding Risk on P2Y12 Receptor Inhibitor Choice in ACS after PCI: Insights From a Large Single Center Registry
Presenting Author: Ada Ip

11:27 AM
Discussion

PCI AND BLEEDING COMPLICATIONS

PCI and Bleeding Complications
Coronary: Core

SATURDAY, SEPTEMBER 28, 2019
10:30 AM - 11:30 AM
Moderated Posters 7, Exhibit Hall, Exhibition Level, Moscone South

10:30 AM - 11:30 AM
PCI and Bleeding Complications
Moderators: Philip M. Urban
Discussants: Nicola Corvaja, Mark B. Effron, Rajiv Jauhar

10:30 AM
TCT 540: The Prognostic Impact of Bleeding and Ischemic Events on Mortality in Atrial Fibrillation Patients Undergoing Percutaneous Coronary Intervention Results From Multicenter Registry
Presenting Author: Hisao Otsuki

10:37 AM
Discussion

10:40 AM
TCT 541: Validation of the Academic Research Consortium High Bleeding Risk Criteria for Patients Undergoing Percutaneous Coronary Intervention
Presenting Author: Davide Cao

10:47 AM
Discussion

10:50 AM
TCT 542: Impact of Baseline Anemia and Thrombocytopenia on 1 Year Clinical Outcomes in Patients Undergoing Percutaneous Coronary Intervention
Presenting Author: Ridhima Goel

10:57 AM
Discussion

11:00 AM
TCT 543: Long term incidence and details of bleeding event after everolimus eluting stent implantation 7 8 year follow up outcomes
Presenting Author: katsuya miura

11:07 AM
Discussion

11:10 AM
TCT 544: Influence of Ischemic and Bleeding Risk Factors on Diabetic Patients Undergoing Percutaneous Coronary Intervention From the Xience Pooled Registry
Presenting Author: Ridhima Goel

11:17 AM
Discussion

11:20 AM
TCT 545: Development and validation of a prediction rule for transfusion in patients undergoing percutaneous coronary intervention using administrative clinical parameters:A Korean nationwide longitudinal cohort study
Presenting Author: Jin-Ho Choi

11:27 AM
Discussion

TAVR COMORBIDITIES AND COMPLICATIONS - 2

TAVR Comorbidities and Complications - 2
Structural: Valve

SATURDAY, SEPTEMBER 28, 2019
10:30 AM - 11:30 AM
Moderated Posters 1, Exhibit Hall, Exhibition Level, Moscone South
10:30  AM  -  11:30  AM  
TAVR Comorbidities and Complications - 2
Moderators: Manuel D. Pan, Christian Spies
Discussants: Ganesh Manoharan, Oscar A. Mendiz, Konstantinos Spargias

10:30 AM  TAVR Comorbidities and Complications - 2
TCT 697: Futility in the Modern Era of TAVR: Clinical Characteristics of High Risk Patients That Do Not Benefit From Transcatheter Aortic Valve Replacement
Presenting Author: David Cook

10:47 AM  Discussion

10:50 AM  TCT 698: Impact of Patient Frailty is Associated with Index and Readmission Outcomes Following TAVR
Presenting Author: Sara Emami

11:00 AM  TCT 699: Preoperative Frailty Parameters as Predictors for Outcomes after Transcatheter Aortic Valve Implantation: a Systematic Review and Meta Analysis
Presenting Author: M.S. van Mourik

11:07 AM  Discussion

11:20 AM  TCT 700: Impact of Pulmonary Hypertension and COPD on Outcomes after Transcatheter Aortic Valve Replacement: A Report From the STSACC TVT Registry
Presenting Author: Joao Cavalcante - DUPE

11:27 AM  Discussion

VASCULAR ACCESS AND CLOSURE IN PCI - 3

10:30 AM  -  11:20  AM  
Vascular Access and Closure in PCI - 3
Moderators: Samer Mansour, Samir B. Pancholy
Discussants: Somjot S. Brar, M. Nicholas Burke, Sudhir Rathore

10:30 AM  TCT 790: Forearm Radial Artery Occlusion Following Distal Radial Artery Approach
Presenting Author: Kazuki Tobita

10:37 AM  Discussion

10:40 AM  TCT 791: Reasons for not Using Radial Access for Percutaneous Coronary Intervention in era of Experienced Radial Operator
Presenting Author: Tanawan Riangwiwat

10:47 AM  Discussion

10:50 AM  TCT 792: Meta Analysis of Radial Hemostasis Trials Using Patent Hemostasis and a Potassium Ferrate Hemostatic Disc

10:30 AM  -  11:20  AM  
TAVR vs. SAVR and TAVR vs. TAVR - 2
Moderators: Samer Mansour, Samir B. Pancholy
Discussants: Somjot S. Brar, M. Nicholas Burke, Sudhir Rathore

10:30 AM  TAVR vs. SAVR and TAVR vs. TAVR - 2

10:30 AM  TCT 727: Transcatheter Versus Surgical Aortic Valve Replacement in Low Risk Patients: a Meta Analysis
Presenting Author: Toby Rogers
AGE AND GENDER AND PRIMARY PCI

**VULNERABLE PLAQUES AND HIGH RISK PATIENTS - 3**

**Sat, Sep 28, 2019, 10:30 AM - 11:30 AM**
Moderated Posters 6, Exhibit Hall, Exhibition Level, Moscone South

**Moderators:** Neal Gordon Uren, Nick E. J. West, Bernhard Witzenbichler, Wojtek Wojakowski

**10:30 AM**
**TCT 839:** The relationship between winter time and increased air pollution expressed as PM10 concentration and the frequency of percutaneous coronary interventions in patients with acute coronary syndromes
*Presenting Author: Rafał Januszek*

**10:37 AM**
**Discussion**

**10:40 AM**
**TCT 840:** Index of multiple deprivation and percutaneous coronary intervention: An analysis from the British Cardiovascular Intervention Society database.
*Presenting Author: Scot Garg*

**10:47 AM**
**Discussion**

**10:50 AM**
**TCT 841:** The Impact of HIV on Coronary Artery Procedure in Patients of Coronary Artery Disease
*Presenting Author: Amer N. Kadri*

**10:57 AM**
**Discussion**

**11:00 AM**
**TCT 842:** Longterm incidence of myocardial infarction in patients undergoing percutaneous coronary intervention versus coronary artery bypass grafting for isolated left anterior descending artery disease: A Meta Analysis.
*Presenting Author: Megha Prasad*

**11:07 AM**
**Discussion**

**11:10 AM**
**TCT 843:** Burden of 30 days readmission after PCI to non index Hospital vs index Hospital in the United states: Insights from the Nationwide Readmission Database NRD

**Sat, Sep 28, 2019, 11:30 AM - 12:30 PM**

**Moderated Posters 6, Exhibit Hall, Exhibition Level, Moscone South**

**Moderators:** Mirvat Alasnag, Alice K. Jacobs
**Discussants:** Angeles Alonso Garcia, Daniel Aradi, James C. Blankenship

**11:30 AM**
**TCT 122:** Trends and Outcomes of Percutaneous Coronary Intervention for Acute ST Segment Elevation Myocardial Infarction in Patients with Opioid Abuse: Review from a National Database
*Presenting Author: Sagar Ranka*

**11:37 AM**
**Discussion**

**11:40 AM**
**TCT 123:** Impact of gender and ischemic time in anterior STEMIs with left ventricular unloading and delayed reperfusion. A sub study from the STEMI DTU safety and feasibility trial
*Presenting Author: Navin K. Kapur*

**11:47 AM**
**Discussion**

**11:50 AM**
**TCT 124:** Gender Differences in Revascularization and 30 day Readmissions After ST Segment Elevation Myocardial Infarction in the United States: A Nationwide Readmissions Database Analysis
*Presenting Author: Diala Steitieh*

**11:57 AM**
**Discussion**

**12:00 PM**
**TCT 125:** Impact of Insurance on Outcomes and Readmission Rates in Young Adults After Acute Myocardial Infarction
*Presenting Author: Viswajitreddy Anugu*

**12:07 PM**
**Discussion**

**12:10 PM**
**TCT 126:** Does Age Impact Infarct Size and Microvascular Obstruction After PCI in STEMI Individual Patient Data Analysis from 7 Magnetic Resonance Imaging Studies
*Presenting Author: Ghazaleh Mehdipoor*

**12:17 PM**
**Discussion**

**12:20 PM**
**TCT 127:** Long Term Clinical Outcomes of Young Acute Myocardial Infarction Patients underwent Percutaneous Coronary Intervention
BIOMARKERS AND OUTCOMES

Biomarkers and Outcomes
Coronary: Core

SATURDAY, SEPTEMBER 28, 2019
11:30 AM - 12:30 PM
Moderated Posters 4, Exhibit Hall, Exhibition Level, Moscone South

Biomarkers and Outcomes
Moderators: João L. Cavalcante
Discussants: Tyrone J. Collins

11:30 AM
TCT 158: Intracoronary CD34 Cell Therapy Further Improves One Year Left Ventricular Systolic Function in Patients with Concomitant Severe Diffuse Coronary Artery Disease and Preserved Cardiac Performance
Presenting Author: Pei-Hsun Sung

11:37 AM
Discussion

11:40 AM
TCT 159: Clinical Significance of Elevated Preprocedural Hemoglobin Level as a Marker of Outcomes After Percutaneous Coronary Intervention
Presenting Author: Byung Gyu Kim

11:47 AM
Discussion

11:50 AM
TCT 160: Impact of White Blood Cell Count on Infarct Size and Clinical Outcomes Following Primary PCI: Patient Level Analysis From 6 Randomized Trials
Presenting Author: Bahira Shahim

11:57 AM
Discussion

12:00 PM
TCT 161: Association between platelet aggregability during primary percutaneous coronary intervention and increased leukocyte in patients with ST elevation myocardial infarction
Presenting Author: Shinnosuke Kikuchi

12:07 PM
Discussion

12:10 PM
TCT 206: Conservative Versus Aggressive Treatment Strategy with Angiographic Guidance Alone in Patients with Intermediate Coronary Lesions: 3 Year Outcome of The SMART CASE Trial
Presenting Author: Kim Jihoon

12:17 PM
Discussion

12:20 PM
TCT 207: Frontiers in Machine Learning amp ECG: Value of Enriching Data
Presenting Author: Sameer Mehta

12:27 PM
Discussion

CORONARY ARTERY SURGERY

Coronary Artery Surgery
Coronary: Core

SATURDAY, SEPTEMBER 28, 2019
11:30 AM - 12:30 PM
Moderated Posters 7, Exhibit Hall, Exhibition Level, Moscone South

Coronary Artery Surgery
Moderators: David H. Adams, Craig R. Smith
Discussants: Michael Argenziano, Marc Gillinov, Joseph F. Sabik

11:30 AM
TCT 236: Coronary artery bypass grafting in patients presenting with ST segment elevation myocardialinfarction  The optimal timingand impact on outcomes: Insights from the TOTAL trial

CATH LAB OF THE FUTURE - 3

Cath Lab of the Future - 3
Coronary: Core

SATURDAY, SEPTEMBER 28, 2019
11:30 AM - 12:30 PM
Moderated Posters 3, Exhibit Hall, Exhibition Level, Moscone South

TCT 208: Effectiveness of Multislice Computed Tomography Coronary Angiography Versus Invasive Coronary Angiography in Accurate Calculation of SYNTAX score
Presenting Author: Yasser Sadek
MORTALITY AFTER PCI

**Mortality After PCI**

**Coronary: CHIP**

**SATURDAY, SEPTEMBER 28, 2019**
**11:30 AM - 12:30 PM**
Moderated Posters B, Exhibit Hall, Exhibition Level, Moscone South

**11:30 AM**
Mortality After PCI
Moderators: Sundeep MishraDiscussants: Eric A. Cohen, Javaid Iqbal, Duk-Woo Park

**11:30 AM**
TCT 418: Rates and Independent Correlates of 10 Year Major Adverse Events and Mortality in Patients Undergoing Left Main Revascularization
Presenting Author: Tae oh Kim

**11:37 AM**
Discussion

**11:40 AM**
TCT 419: Predictors of Five Year Mortality After PCI: An Individual Patient Data Pooled Analysis of 32882 Patients From 21 Randomized Controlled Trials
Presenting Author: mayank yadav

**11:47 AM**
Discussion

**11:50 AM**
TCT 420: Derivation and External Validation of a Novel Risk Score for Prediction of 30 Day Mortality After Percutaneous Coronary Intervention
Presenting Author: Sorin J. Brener

**11:57 AM**
Discussion

**12:00 AM**
TCT 421: Predicting 2 years all cause mortality after contemporary PCI: revising and updating the logistic clinical SYNTAX score in the GLOBAL LEADERS study
Presenting Author: Ply Chichareon

**12:07 AM**
Discussion

**12:10 AM**
TCT 422: Clinical Outcomes and Predictors of Mortality Among 847 Nonagenarians Undergoing Percutaneous Coronary Intervention: Insights From a Brazilian Nationwide PCI Registry CENIC Registry
Presenting Author: Fábio Augusto Pinton

**12:17 AM**
Discussion

**12:20 AM**
TCT 423: Periprocedural Myocardial Infarction is Associated with Mortality in Stable Angina Pectoris Patients Undergoing Elective Coronary Intervention
Presenting Author: Mohamad Soud

**12:27 AM**
Discussion

**TAVR COMORBIDITIES AND COMPLICATIONS - 3**

**TAVR Comorbidities and Complications - 3**

**Structural: Valve**

**SATURDAY, SEPTEMBER 28, 2019**
**11:30 AM - 12:30 PM**
Moderated Posters 1, Exhibit Hall, Exhibition Level, Moscone South

**11:30 AM - 12:30 PM**
TAVR Comorbidities and Complications - 3
Moderators: Gerhard C. SchulerDiscussants: Anand Prasad, Michael Rinaldi

**11:30 AM**
TCT 703: Outcomes following aortic valve replacement for cardiogenic shock: transcatheter versus surgical approaches
Presenting Author: Samuel Moidman

**11:37 AM**
Discussion

**11:40 AM**
TCT 704: Long Term Bleeding Following Transcatheter Aortic Valve Replacement in Patients with Chronic Kidney Disease is Associated with Increased Mortality
Presenting Author: Shawn Li

**11:47 AM**
Discussion

**11:50 AM**
TCT 705: Thrombocytopenia and Outcomes after Transcatheter Aortic Valve Implantation
Presenting Author: Shinya Ito

**11:57 AM**
Discussion
TAVR VS. SAVR and TAVR VS. TAVR - 3

TAVR vs. SAVR and TAVR vs. TAVR - 3

Structural Valve

SATURDAY, SEPTEMBER 28, 2019
11:30 AM - 12:30 PM
The Moscone Center

11:30 AM - 12:30 PM
TAVR vs. SAVR and TAVR vs. TAVR - 3
Discussant: Patrick M. McCarthy, Pieter R. Stella, Marco V. Wainstein

11:30 AM TCT 733: Transcatheter compared to Surgical Aortic Valve replacement in patients with Rheumatic Aortic Valve disease A nationwide analysis
Presenting Author: Syed Zaid

11:37 AM Discussion

11:40 AM TCT 734: Transcatheter compared to Surgical Aortic Valve Replacement in patients with low surgical risk A Meta analysis of all Randomized Controlled Trials
Presenting Author: Syed Zaid

11:47 AM Discussion

11:50 AM TCT 735: Comparative Outcomes of Transcatheter Versus Surgical Aortic Valve Replacement in Patients With Old Infarct
Presenting Author: Ayman Elbadawi

11:57 AM Discussion

12:00 PM TCT 736: Long term durability of transcatheter heart valves: Insights from bench testing to 25 years
Presenting Author: Janarthanan Sathananthan

12:07 PM Discussion

12:10 PM TCT 737: Balloon Expandable Versus Self Expanding Transcatheter Aortic Valve Systems: A Bayesian Network Meta analysis
Presenting Author: Mohammed Osman

12:17 PM Discussion

12:20 PM TCT 738: Beating Human Cadaver Heart Biosimulator: A Transitional Evaluation Platform for Catheter based Interventional Cardiac Therapeutic Devices for Structural Heart Disease
Presenting Author: Yanping Cheng

12:27 PM Discussion

VASCULAR ACCESS AND CLOSURE IN PCI - 4

Vascular Access and Closure in PCI - 4
Coronary: Core

SATURDAY, SEPTEMBER 28, 2019
11:30 AM - 12:30 PM
Moderated Posters 2, Exhibit Hall, Exhibition Level, Moscone South

11:30 AM - 12:30 PM
Vascular Access and Closure in PCI - 4
Moderators: Mauro CarlinoDiscussants: YunDai Chen, Robert-Jan Van Geuns, Ramzan M. Zakir, David X. Zhao

11:30 AM TCT 795: Trends in the Prevalence and In Hospital Outcomes of Radial Versus Femoral Access in Percutaneous Coronary Intervention: a Report with 158363 Patients From the Brazilian Nationwide PCI Registry CENIC
Presenting Author: Fábio Augusto Pinton

11:37 AM Discussion

11:40 AM TCT 796: Physician Self Directed Transition From Femoral to Radial Access for Primary Percutaneous Coronary Intervention Does Not Adversely Affect Key Time Intensive Metrics: A Community Medical Center Experience
Presenting Author: Stephen Long

11:47 AM Discussion

11:50 AM TCT 797: Clinical Outcome in Femoral Access of High volume Radial Percutaneous Coronary Intervention Center in Patients With ST segment Elevation Myocardial Infarction
Presenting Author: Hyeon Jeong Kim

11:57 AM Discussion

12:00 PM TCT 798: Patent radial artery after transradial coronary intervention via distal radial access at anatomical snuffbox optical coherent tomography study
Presenting Author: Daehwan Bae

12:07 PM Discussion

12:10 PM TCT 799: A Pilot Study of Accelerated Radial Artery Hemostasis Following Percutaneous Transradial Coronary Angiography Intervention Utilizing a Novel Topical Hemostatic Agent in Conjunction With Surface Compression
Presenting Author: Rajeev Anchan

12:17 PM Discussion

12:20 PM TCT 800: Bivalirudin vs Heparin on Radial Artery Thrombosis During Transradial Coronary Intervention: an Optical Coherence Tomography Study

12:27 PM Discussion
CHRONIC TOTAL OCCLUSIONS - 4

TAVR LEAFLET THICKENING AND THROMBOSIS
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>12:30 PM</td>
<td>TCT 715: Anatomical Evaluation of Balloon Expandable Transcatheter Aortic Valve Replacement Computed Tomography Insights for Hypo Attenuating Leaflet Thickening Presenting Author: Miho Fukui</td>
</tr>
<tr>
<td>12:37 PM</td>
<td>Discussion</td>
</tr>
<tr>
<td>12:40 PM</td>
<td>TCT 716: Transcatheter Heart Valve Under Expansion increases the Likelihood of Leaflet Thrombosis Presenting Author: Farhan Khodaee</td>
</tr>
<tr>
<td>12:47 PM</td>
<td>Discussion</td>
</tr>
<tr>
<td>12:50 PM</td>
<td>TCT 717: Hemodynamic predictors of leaflet thrombosis in low risk patients undergoing TAVR: A Sub Study of the Low Risk TAVR Trial Presenting Author: Jaffar Mohammad Khan</td>
</tr>
<tr>
<td>12:57 PM</td>
<td>Discussion</td>
</tr>
<tr>
<td>1:00 PM</td>
<td>TCT 718: Subclinical Leaflet Thrombosis is Associated With Prosthesis Oversizing in Balloon Expandable Transcatheter Aortic Valve Replacement Presenting Author: Vaughan Tuohy</td>
</tr>
<tr>
<td>1:07 PM</td>
<td>Discussion</td>
</tr>
<tr>
<td>1:10 PM</td>
<td>TCT 719: Antithrombotic Strategies after Transcatheter Aortic Valve Implantation: Insights from a Network Meta Analysis Presenting Author: Toshiki Kuno</td>
</tr>
<tr>
<td>1:17 PM</td>
<td>Discussion</td>
</tr>
<tr>
<td>1:20 PM</td>
<td>TCT 720: Antithrombotic Treatment in Patients Undergoing Transcatheter Aortic Valve Replacement: a Single Center Experience Presenting Author: Fabian Plank</td>
</tr>
<tr>
<td>1:27 PM</td>
<td>Discussion</td>
</tr>
</tbody>
</table>

SUNDAY, SEPTEMBER 29, 2019

MAIN ARENA IV, SUNDAY, SEPT. 29

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 AM</td>
<td>Best Abstract of TCT 2019</td>
</tr>
<tr>
<td>8:45 AM</td>
<td>Late-Breaking Trials 4</td>
</tr>
<tr>
<td>8:45 AM</td>
<td>COAPT: Cost Effectiveness Analysis From a Randomized Trial of the MitraClip in Patients With Heart Failure and Severe Secondary Mitral Regurgitation Lecturer: Suzanne J. Baron</td>
</tr>
<tr>
<td>8:57 AM</td>
<td>Roundtable Discussion With Audience QA</td>
</tr>
<tr>
<td>9:05 AM</td>
<td>PARTNER 3: Health Status Outcomes From a Randomized Trial of Transcatheter vs Surgical Aortic Valve Replacement in Patients With Severe Aortic Stenosis at Low Surgical Risk Lecturer: Suzanne J. Baron</td>
</tr>
<tr>
<td>9:17 AM</td>
<td>Roundtable Discussion With Audience QA</td>
</tr>
<tr>
<td>9:25 AM</td>
<td>REMEDIAL III: A Randomized Trial of Urine Flow Rate Guided vs LVEDP Guided Hydration in Patients at High Risk for Contrast Nephropathy Lecturer: Carlo Briguori</td>
</tr>
<tr>
<td>9:37 AM</td>
<td>Roundtable Discussion With Audience QA</td>
</tr>
<tr>
<td>9:45 AM</td>
<td>Reflections from a Rich Interventional History: A Series of Featured Lectures Moderators: Martin B. Leon, Gregg W. StoneDiscussants: James S. Forrester, Philippe E. Gaspard, Frederick G. St. Goar</td>
</tr>
<tr>
<td>11:00 AM</td>
<td>Late-Breaking Science #4</td>
</tr>
<tr>
<td>11:00 AM</td>
<td>BIODEGRADE: A Large Scale Randomized Trial of a Thin Strut Bioabsorbable Polymer Based DES vs. a Thick Strut Bioabsorbable Polymer Based DES in an All Comers Population With Coronary Artery Disease Lecturer: IN-HO CHAE</td>
</tr>
<tr>
<td>11:10 AM</td>
<td>Roundtable Discussion With Audience QA</td>
</tr>
</tbody>
</table>