2019 PROGRAM AGENDA

Agenda subject to change.

FOLLOW CRF AND TCT ON SOCIAL MEDIA FOR THE LATEST UPDATES.
#TCT2019 #TrainWithCRF #LearnWithCRF
TCT Innovation I: Global Perspectives in MedTech and Emerging Technological Trends

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

8:00 am  Session I: Challenges and Opportunities in MedTech Innovation
Moderators: Stacy Enxing Seng, Mark A. Turco
Discussants: Andrew Cleeland, Laura Mauri, Ian T. Meredith, Julio C. Palmaz, Campbell Rogers, Paul G. Yock

The Evolution of the MedTech Industry
8:00 am  Global Demographic Changes and CV Disease: Implications for Medical Innovation
8:10 am  Is MedTech Development Keeping Up With Medical Ingenuity? A Critical Analysis of Current Innovation Models: Challenges and Opportunities
Lecturer: Julio C. Palmaz
8:18 am  Moderated Panel Discussion

The Globalization of MedTech Innovation
8:28 am  Reverse Innovation: Create Far Win Everywhere
Lecturer: Peter J. Fitzgerald
8:36 am  Health Care Disparity: An Emerging Opportunity for MedTech Innovation
Lecturer: Ian T. Meredith
8:44 am  Moderated Panel Discussion

9:20 am - 10:03 am
Emerging Technological Trends I

9:20 am  Session II: Intravascular Imaging and Physiologic Lesion Assessment
Moderators: Niels R. Holm, Bo Xu
Discussants: Daniel S. Berman, Hiram G. Bezerra, Justin E. Davies, Hector M. Garcia-Garcia, James E. Muller, Natalia Pinilla-Echeverri

9:20 am  Keynote Lecture: Invasive Coronary Lesion Assessment: Remaining Needs and Opportunities
Lecturer: Justin E. Davies

Featured Technological Trends
9:28 am  OCT Based FFR: Integration of Coronary Imaging and Physiology
Lecturer: Shengxian Tu
9:35 am  An Automatic Diagnostic System of Coronary Artery Lesions Using OCT Imaging
Lecturer: Atefeh Abdolmanafi
9:42 am  First in Human Evaluation of Novel Intravascular Ultrasound and Optical Coherence Tomography System
Lecturer: Elie Akl
9:49 am  Development of an Integrated OCTNIRS Diagnostic Catheter SpectraWave
Lecturer: James E. Muller
9:56 am  Moderated Panel Discussion

10:03 am - 10:46 am
Session IV: Cath Lab of the Future I — Intelligent Interfaces (AR/VR), Robotics, and Telemanipulation
Moderators: Ran Kornowski, Robert S. Schwartz
Discussants: Arif Al Nooryani, Philipp Blanke, Louis Aaron Cannon, Chaim S. Lotan, Ryan D. Madder, Giora Weisz

10:03 am  Keynote Lecture: Emerging Cath Lab Technological Trends That Will Impact the Future of Cardiovascular Medicine
Lecturer: Louis Aaron Cannon
10:11 am  Featured Technological Trends
10:11 AM Fascinating Lecture: Augmented Reality MSCT Guided Puncture in TAVR Procedures Lecturer: Radoslaw Parma

10:18 AM The New Era of Digital Interventions: The Use of Virtual Reality to Decrease Sedation Needs During Interventional Procedures Lecturer: Sudheer Koganti

10:25 AM A Novel Robotic Catheter for Precise and Reproducible Delivery of Transcatheter Devices for Structural Heart Interventions Lecturer: Gagan D. Singh

10:32 AM Haptic Feedback for Catheter Based Cardiovascular Interventions

10:39 AM Moderated Panel Discussion

10:46 AM Keynote Lecture: Radiation Protection Technologies Reconciling the Safety Mission With Practical Realities Lecturer: Lloyd W. Klein

10:53 AM Featured Technological Trends

10:53 AM Fascinating Lecture: Using Fundamentals of Vision and Novel Eye Tracking Technology to Reduce Radiation Exposure in the Cath Lab Lecturer: Jennifer A. Tremmel

11:00 AM The Newton System: A Simple and Innovative Medical Device That Reduces Musculoskeletal Problems Related to Radiation Protection Garments Lecturer: Jean Michel Paradis

11:06 AM A Novel Complete Radiation Protection System Eliminates Operator Radiation Exposure and Leadend Aprons Lecturer: James A. Goldstein

11:12 AM Innovative Robotic Shielding Device for Elimination of Radiation Exposure for Interventional Suite Personnel Lecturer: Amir Belson

11:18 AM Moderated Panel Discussion

11:23 AM Keynote Lecture: Advanced Cardiac Imaging for Procedural Planning and Guidance Making the Complex Look Simple Lecturer: James K. Min

11:32 AM Featured Technological Trends

11:32 AM Fascinating Lecture: First in Human Experience With Patient Specific Computer Simulation of TAVR in Bicuspid Aortic Valve Morphology Lecturer: Cameron Dowling

11:39 AM A Novel Technique to Detect Spontaneously Ruptured Aortic Plaques as a Potential Cause of Embolic Strokes: An Innovative Application of Non Obstructive Angioscopy Nuvera Lecturer: Yoshiharu Higuchi

11:46 AM A Novel and Advanced 4D ICE Catheter: Enabling a New Era in the Guidance of Transcatheter Cardiac Interventions Nuvera

11:53 AM Moderated Panel Discussion

TCT INNOVATION II: EMERGING TECHNOLOGICAL TRENDS II

TCT Innovation II: Emerging Technological Trends II
Innovation

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

2:00 AM - 2:40 AM Session VI: Cath Lab of the Future III — Robotics in Cardiovascular Interventional Medicine
Moderators: Fred Moll, Dan WallaceDiscussants: Rafael Beyar, Jean Bismuth, Louis Aaron Cannon, Ryan D. Madder, John Pavlidis, Giora Weisz

2:00 AM Keynote Lecture: Robotics in Interventional CV Procedures Lessons Learned From the Surgical Field Lecturer: Fred Moll

2:08 AM Impact of Artificial Intelligence and Advanced Imaging Integration in Robotic System Development and Clinical Integration Lecturer: John Pavlidis

2:16 AM Facing the Realities of Medical Robotics: Validation Training and Approval Pathways Lecturer: Jean Bismuth

2:24 AM Telerobotics in Stroke and AMI Intervention: Afar Is Not Far Reaching Anymore
2:40 PM - 3:57 PM
Session VII: The Structural Heart Revolution I
Moderators: Torsten P. Vahl, Nicolas M. Van Mieghem
Discussants: Stephen J.D. Brecker, Tsuyoshi Kaneko, Elvin Kedhi, Ruediger S. Lange, Axel Linke, Oscar A. Mendiz

2:40 PM Aortic Valve Intervention and Ancillary Solutions I: Featured Technological Trends
2:40 PM Innovative Protected Transcatheter Aortic Valve Calcium Debridement System
AorticLab
Lecturer: Filippo Scalise
2:47 PM Full Arch Cerebral Embolic Protection of the Brain Point Guard During Cardiovascular Procedures
Lecturer: Axel Linke
2:54 PM A Novel Left Transradial Cerebral Protection System for TAVR The ProtEmbo System
Lecturer: Tobias Schmidt
3:01 PM A New Device to Secure and Optimize Transcatheter Heart Valve Interventions THV and Complex PCI Electroducer
Lecturer: Benjamin Faurie
3:08 PM Moderated Panel Discussion

3:15 PM 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
Amedus
Lecturer: Kiran Bhirangi
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
Lecturer: Martin Burke

3:57 PM - 5:00 PM
Session VIII: The Structural Heart Revolution II
Moderators: Alexandre Abizaid, Steven L. Almany
Discussants: Steven F. Bolling, Neil P. Fam, Mayra Guerrero, Philipp Lurz, Francesco Maisano, Carlos E. Ruiz

3:57 PM Featured Technological Trends: Mitral Tricuspid and Other SHD Technologies
3:57 PM Novel Percutaneous Trans Jugular Transeptal Annuloplasty Cinching System to Treat Mitral and Tricuspid Regurgitation
Lecturer: Jim E. Coleman
4:04 PM Saturn TMVR: Novel Design Benefits Implant Procedure and Preclinical Outcomes
Lecturer: Paolo Denti
4:11 PM Transcatheter Treatment of Secondary Tricuspid Regurgitation With the Novel MIATM Percutaneous Annuloplasty System
Lecturer: Mathew Williams
4:18 PM Mechanism of Action and Early Clinical Results of a Novel Bicaval Valve System TricValve
Lecturer: Hans R. Figulla
4:25 PM Moderated Panel Discussion

4:32 PM 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 - 10:04 AM  
**Session I: CTO Crossing — State of the Art**  
Moderators: Michael R. Jaff, Sahil A. Parikh  
Discussants: Subhash Banerjee, Tony Das, Philip Green, Jun Li, Robert A. Lookstein, 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  

8:16 AM  
Development of Peripheral CTO Algorithms  
Lecturer: Subhash Banerjee  

8:26 AM  
Aorto Iliac CTO Crossing: Antegrade Retrograde and Re Entry  
Lecturer: Steve Henao  

8:36 AM  
Common Femoral CTO: Knives Needles or Both  
Lecturer: Bryan T. Fisher  

8:46 AM  
EVUS Guidance for CTO Crossing  
Lecturer: Mohammad Mehdi Ansari  

8:56 AM  
Roundtable Discussion With Audience QA  

9:14 AM  
CTO Crossing 1: Case Examples of Wire Escalation  
Case Presenter: Ethan C. Korngold  

9:24 AM  
CTO Crossing 2: Case Examples of Dedicated Devices  
Case Presenter: Mitul Patel  

9:34 AM  
CTO Crossing 3: Case Examples of Antegrade Access and Closure  
Case Presenter: Craig M. Walker  

9:44 AM  
CTO Crossing 4: Case Examples Retrograde Access and Closure  
Case Presenter: Tak W. Kwan  

9:54 AM  
CTO Crossing 5: Case Examples of Below the Ankle Access and Pedal Loop Reconstruction  
Case Presenter: Osamu Iida  

10:04 AM - 12:04 PM  
**Session II: Revascularization Strategies in CLI — State of the Art**  
Moderators: Marianne Brodmann, Tony Das  
Discussants: Venita Chandra, Bryan T. Fisher, Yann Guéhéhic, Schuyler Jones, Mitul Patel  

10:04 AM  
Featured Lecture: CLI Epidemiology and Clinical Burden  
Lecturer: Schuyler Jones  

10:14 AM  
Roundtable Discussion With Audience QA  

10:19 AM  
Surgical Therapy: Indications for Surgery First for CLI  
Lecturer: Peter A. Schneider  

10:27 AM  
What Is Optimal Medical Therapy for CLI Can We Move the Needle With Drugs Alone  
Lecturer: Marc Bonaca  

10:35 AM  
Modern Outcomes for Rutherford 6 Patients: How to Avoid Primary Amputation  
Lecturer: Peter A. Schneider  

10:43 AM  
Clinical Trial Updates: BEST CLI BASIL 2 and BASIL 3  
Lecturer: Matthew T. Menard  

10:55 AM  
Clinical Trial Updates: Deep Vein Arteterialization  

11:03 AM  
Clinical Trial Updates: BTK Tacks Scaffolds and Drugs  
Lecturer: Steven Kum  

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

11:19 AM  
Roundtable Discussion With Audience QA  

11:34 AM  
Complex CLI Case Review 1: My Best Case From the Last Year  
Case Presenter: Venita Chandra  

11:44 AM  
Complex CLI Case Review 2: My Toughest Case From the Last Year  
Case Presenter: Peter A. Soukas  

11:54 AM  
Complex CLI Case Review 3: What Is Possible in the OBL  
Case Presenter: Eric J. Dippel  

12:04 PM - 1:09 PM  
**Session III: Symposium on Peripheral Drug-Eluting Technologies**  
Moderators: Juan F. Granada, Sahil A. Parikh  
Discussants: Alok Finn, William A. Gray, Krishna J. Rocha-Singh, Yoshimitsu Soga, Abraham Rami Tzafriri, Thomas Zeller  

12:04 PM  
An Unforeseen Setback: Summary Level Meta Analysis Brings Practice Back to the 1990s.  
Lecturer: Michael R. Jaff  

12:19 PM  
New Data Regarding Drug Eluting Technologies  
Lecturer: Krishna J. Rocha-Singh  

12:29 PM  
FDA Perspective and Revised Guidance  
Lecturer: Eleni Whatley  

12:37 PM  
Industry Perspective on Drug Eluting Technologies Guidance  
Lecturer: Mark Pacyna  

12:45 PM  
Roundtable Discussion With Audience QA  

1:09 PM - 2:40 PM  
**Session IV: TCT/VEITH Lower Extremity Session**  
Moderators: Enrico Ascher, Frank J. Veith  
Discussants: Marianne Brodmann, Brian G. DeRubertis, Robert A. Lookstein, Kenneth Ouriel, Peter A. Schneider, Craig M. Walker  

1:09 PM  
Fusion Imaging Techniques for Iliac and Lower Extremity Procedures: Reducing Radiation Exposure and Contrast Material and Providing Better Guidance  
Lecturer: Yann Guéhéfic  

1:15 PM  
Primary and Secondary Repairs of Popliteal Aneurysms Using Duplex Guidance Alone: Technique and Results  
Lecturer: Enrico Ascher  

1:21 PM  
Is the Supera Interwoven Stent Better Than Other Stents and Open Endarterectomy for Common Femoral Lesions  
Lecturer: Lawrence A. Garcia  

1:27 PM  
Distal Embolic Protections Are Expensive and Have Inherent Risks: When Are They Absolutely Necessary  
Lecturer: Peter A. Schneider  

1:33 PM  
A Comparison of Multiple Short Stents With Long Stents for Femoral Popliteal Lesions: Results of the Locomotive Trial of Vascuflex System From B. Braun  
Lecturer: Thomas Zeller
2:00 PM Updates and Technique of Percutaneous Transvenous Arterial Femoral Popliteal Bypass Procedure
Lecturer: Steve Henao

2:12 PM DCBs for Infrainguinal Arterial Occlusive Disease With or Without Adjunctive Techniques Are Better Than Primary Stenting
Lecturer: Brian G. DeRubertis

2:18 PM Debate: Extensive Foot Necrosis Should Be Managed With a Single Vein Bypass Operation
Lecturer: Danielle Bajakian

2:18 PM The 10 Endo Strategies I Use to Succeed in Repairing the Most Complex Lesions in the Lower Extremity Arterial Bed
Lecturer: Robert A. Lookstein

2:24 PM Debate: Even Extensive Foot Gangrene Limited to the Metatarsals Can Successfully Be Treated by Endovascular Techniques
Lecturer: Craig M. Walker

2:30 PM Roundtable Discussion With Audience QA

2:40 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, Beau Hawkins, Andrew J. Klein, Ramzan M. Zakir

2:40 PM Severe Calcification: Definitions and Outcomes
Lecturer: Ramzan M. Zakir

2:50 PM This Vessel Is a Rock: Extreme Calcification Case Examples
Case Presenter: Sahil A. Parikh

3:00 PM Debulking Strategies Above the Knee: Cut Spin Vaporize When and Which Technique
Lecturer: Ehrin J. Armstrong

3:10 PM Intravascular Lithotripsy for Calcium: When Does It Work With Case Examples
Case Presenter: Peter A. Soukas

3:18 PM Below Knee Debulking Options: Case Examples of When I Wish I Had and Hadnt Used it
Case Presenter: Robert Earl Beasley, MD, FSIR, FSCAI

3:26 PM Where Have All the Scaffolds Gone And Will They Come Back
Lecturer: Sahil A. Parikh

3:34 PM Specialty Balloons in Calcium: Do They Work And if so When
Lecturer: Mahmood K. Razavi

3:42 PM Roundtable Discussion With Audience QA

3:51 PM Taking the Scenic Route: PQ Bypass for Extreme SFA Lesions
Lecturer: Ehrin J. Armstrong

3:59 PM Imaging for Calcium: Does It Make a Difference With Case Examples
Case Presenter: Eric J. Dippel

4:07 PM Optimal BTK POBA: Is There Science to the Art
Lecturer: Khusrow Niazi

4:15 PM In Stent Restenosis: How Does Atherectomy Figure in These Cases
Case Presenter: Nicolas W. Shammas

4:23 PM Debate: Atherectomy in Noncalcified Lesions Improves Outcomes
Lecturer: John Winscott

4:31 PM Debate: Atherectomy in Noncalcified Lesions Does Not Improve Outcomes
Lecturer: Christopher J. White

4:39 PM Roundtable Discussion With Audience QA

4:50 PM - 6:00 PM Session VI: Toughest Cases of the Year

4:50 PM My Toughest SFA Case of the Year
Case Presenter: Subhash Banerjee

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: Rahul S. Patel

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 Allaince Partnership and TCT 2019 Endovascular: Final Thoughts
Lecturer: Sahil A. Parikh, Frank J. Veith
8:00 AM - 11:00 AM
RCIS Review Basic and Advanced Topics

8:00 AM  
**Session I: RCIS Introductory Session**  
Cardiac Catheterization and PCI: Foundational Knowledge for the Cath Lab  
*Moderators: Jeff Davis, Tom Maloney  
Discussants: Morton J. Kern, Robert Kutys, Michael J. Lim, George W. Vetrovec*

- 8:00 AM  
  **Case Introduction: A Patient With Atypical Chest Pain and Shortness of Breath**  
  *Case Presenter: George W. Vetrovec*

- 8:05 AM  
  **Nursing Assessment of the Patient**  
  *Lecturer: Patricia Keegan*

- 8:10 AM  
  **Right Heart Catheterization Anatomy and Hemodynamics Matched With Interactive Cadaver Heart Dissection**  
  *Lecturer: Jeff Davis Robert Kutys*

- 8:20 AM  
  **Left Heart Catheterization Anatomy and Angiography Matched With Interactive Cadaver Heart Dissection**  
  *Lecturer: Robert Kutys George W. Vetrovec*

- 8:30 AM  
  **Devices and Imaging for PCI Wires Balloons Stents FFR Imaging**  
  *Lecturer: Morton J. Kern*

- 8:45 AM  
  **PCI Stent Deployment and Dilation Strategies and How I Diagnosed and Treated My Patient**  
  *Lecturer: George W. Vetrovec*

9:00 AM  
**Session II: RCIS Advanced Session**  
Interventional Hemodynamics of the Aortic Valve  
*Moderators: Jeff Davis, Tom Maloney  
Discussants: Hemal Gada, Philippe Genereux, Paul D. Mahoney*

- 9:00 AM  
  **Case Introduction: Symptoms Suggestive of Aortic Stenosis**  
  *Case Presenter: Marianna Garcia*

- 9:05 AM  
  **Fundamental Knowledge: Aortic Valve Anatomy With Interactive Cadaver Heart Dissection**  
  *Lecturer: Robert Kutys Dmitry B. Levin*

- 9:20 AM  
  **Hemodynamics of Aortic Stenosis and Valve Calculations**  
  *Lecturer: Jeff Davis*

- 9:35 AM  
  **Interpretation of Hemodynamic CT and Echo Data for TAVR Clinical Decision Making**  
  *Lecturer: Paul D. Mahoney*

10:00 AM  
**Session III: RCIS Advanced Session**  
Interventional Hemodynamics of the Mitral and Tricuspid Valve  
*Moderators: Jeff Davis, Tom Maloney  
Discussants: Philippe Genereux, Martina Kelly Kelly Speight, Brij Maini*

- 10:00 AM  
  **Case Introduction: Symptoms Suggestive of Mitral Regurgitation**  
  *Case Presenter: Brij Maini*

- 10:05 AM  
  **Fundamental Knowledge: Mitral and Tricuspid Valve Anatomy With Interactive Cadaver Heart Dissection**  
  *Lecturer: Robert Kutys Dmitry B. Levin*

- 10:20 AM  
  **Hemodynamics of Mitral and Tricuspid Regurgitation**  
  *Lecturer: Philippe Genereux*

- 10:35 AM  
  **Interpretation of Hemodynamic and Echo Data for TMVR Clinical Decision Making**  
  *Lecturer: Brij Maini*

10:50 AM  
**Transcatheter Mitral Valve Repair and Replacement and How I Treated my Patient**  
*Lecturer: Brij Maini*

11:00 AM - 1:15 PM
Comprehensive Interventional Practice: Case-Based Learning

11:00 AM  
**Session I: Coronary Hot Topics**  
*Moderators: Amisha Patel, Judy Tingley  
Discussants: Darshan Doshi, Khady Fall, Linda Joziasse, Patricia Keegan, Amirali Masoumi*

- 11:00 AM  
  **Introduction by Moderator**  
  *Lecturer: Amisha Patel*

- 11:05 AM  
  **How to Get a Cath Room Ready for a Complex PCI**  
  *Lecturer: Ashley Koppenheffer*

- 11:15 AM  
  **How to Decide on Hemodynamic Support Based on the Right Heart Cath Numbers: What Does Syntax Score Mean**  
  *Lecturer: Amirali Masoumi*

- 11:20 AM  
  **How IVUS Impacts Decision Making in PCI**  
  *Lecturer: Khady Fall*

- 11:30 AM  
  **What is DK Crush and How Did We Get the Coronaries Ready for Stenting**  
  *Lecturer: Darshan Doshi*

- 11:40 AM  
  **Post Procedure Assessment of a Complex PCI**  
  *Lecturer: Amisha Patel*

- 11:43 AM  
  **Roundtable Discussion With Audience QA**

11:45 AM  
**Session II: Structural Hot Topics**  
*Moderators: Marian C. Hawkey, Ashley Koppenheffer  
Discussants: Russell A. Brandwein, Elizabeth M. Perpetua, Susan J. Schnell, Matthew Wilsanen, Janet Fredal Wyman*
11:45 AM COAPT Partner 2 and Evolut Low Risk Trial Synopsis and What They Mean Moving Forward
Lecturer: Elizabeth M. Perpetua

11:55 AM Case Presentation: Complex Structural Heart Intervention With Multiple Valves and Hemodynamic Support
Case Presenter: Ashley Koppenheffer

12:10 PM Novel Access Routes for Structural Heart Intervention: Transcarotid Transcaval Transaxillary Etc.
Lecturer: Janet Fredal Wyman

12:20 PM Upcoming Therapies: Accucinch TMVR Tricuspid Clips Vena Cava Valves for Tricuspid Disease
Lecturer: Russell A. Brandwein

12:30 PM Session III: Peripheral Hot Topics
Moderators: Danielle Bajakian, Michelle Maier
Discussants: Philip Green, Hady Lichaa, Sanjum S. Sethi

12:30 PM An Introduction to Critical Limb Ischemia
Lecturer: Michelle Maier

12:35 PM What Are My Options to Treat CLI
Lecturer: Philip Green

12:45 PM Alternative Access for the Treatment of Endovascular Disease Including Radial to Peripheral and Pedal Access
Lecturer: Hady Lichaa

12:55 PM Varicose Veins and How to Treat Them
Lecturer: Sanjum S. Sethi

1:10 PM Roundtable Discussion With Audience QA

1:15 PM - 2:00 PM Lunch Sponsored by Medtronic and Cath Lab Honorees Over the Year

1:15 PM Lunch Session Check in

1:30 PM Session I: Sponsored Lunch and Cath Lab Honorees

1:30 PM Cath Lab Honorees
Lecturer: Judy Tingley

1:35 PM Keynote Speech: Heart Valve Therapy 2019 Importance of the HEART Team
Lecturer: George D. Dangas

1:55 PM Roundtable Discussion With Audience QA

2:00 PM Your Mother Has An AS Open Mic With the Heart Team
Moderators: Nisha Jhalani, Ajay J. Kirtane
Discussants: Wayne B. Batchelor, Russell A. Brandwein, Kendra J. Grubb, Linda Joziass, Elizabeth M. Perpetua, Tiffany Wong, Janet Fredal Wyman

2:30 PM Break

CARDIOVASCULAR PROFESSIONALS (CVP) COURSE: 28TH ANNUAL CARDIOVASCULAR NURSE AND TECHNOLOGIST — HANDS-ON, HIGH-IMPACT TRAINING

CardioVascular Professionals (CVP) Course: 28th Annual Cardiovascular Nurse and Technologist — Hands-On, High-Impact Training

Nurse \ Technologist

WEDNESDAY, SEPTEMBER 25, 2019
3:00 AM - 6:00 AM Room 160

3:00 AM - 6:00 AM Hands-On Open Session to Explore supported by Abbott, Abiomed, Boston Scientific Corporation, CathLabs.com, Corindus, Edwards Lifesciences, Medtronic, and Philips
Chairs: Khady Fall, Ashley Koppenheffer, Judy Tingley
Co-Chairs: Russell A. Brandwein, Jeff Davis, Marian C. Hawkey, Martina Kelly Speight, Julie Logan Sands

3:00 AM Join us for the Hands On Open Session to explore supported by Abbott Abiomed Boston Scientific Corporation CathLabs.com Corindus Edwards Lifesciences Medtronic and Philips

3:00 AM Coronary Catheters

3:00 AM Innovations in Imaging in the Cath Lab

3:00 AM Robotics in the Cath Lab

3:00 AM Simulated Coronary Case

3:00 AM Cerebral Protection Devices

3:00 AM Mechanical Support

3:00 AM Structural Heart Valves: Past Present and Future

3:00 AM Educational Opportunities Throughout the Year

ABCS OF INTERVENTIONAL CARDIOLOGY

ABCs of Interventional Cardiology
Coronary: Core Coronary: CHIP Structural: Valve Structural: Non-Valve

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. Lasala  
Discussants: Jose de Ribamar Costa Jr, 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  

8:10 AM  
Roundtable Discussion With Audience QA  

8:13 AM  
Vascular Access Routes Complications and Vascular Rescue  
Lecturer: Jose M. Wiley  

8:23 AM  
Case Example: Complication Related to Vascular Access  
Case Presenter: Amit Kakkar  

8:28 AM  
Roundtable Discussion With Audience QA  

8:31 AM  
Basics of Coronary Angiography: Setup Views and Equipment  
Lecturer: Verghese Mathew  

8:41 AM  
Roundtable Discussion With Audience QA  

8:44 AM  
Intravascular Imaging: Core Concepts of IVUS OCT NIRS and More  
Lecturer: Rishi Puri  

8:54 AM  
Roundtable Discussion With Audience QA  

8:57 AM  
Right and Left Heart Failure: Hemodynamic Support Options  
Lecturer: John M. Lasala  

9:07 AM  
Case Example: LV Support RV Support or Both  
Case Presenter: Riccardo Colantonio  

9:12 AM  
Roundtable Discussion With Audience QA  

9:15 AM - 10:30 AM  
Session II: Overview of Cardiovascular Disease and Treatment  
Moderators: Joseph P. Carrozza Jr, Morton J. Kern  
Discussants: David A. Cox, Vasim Farooq, Alok Finn, Afzalur Rahman, Elias Sanidas, Rogerio Sarmento-Leite  

9:15 AM  
Arterial and Venous Graft Disease: The Science and Art of Graft Interventions  
Lecturer: Gregory Barsness  

9:25 AM  
Roundtable Discussion With Audience QA  

9:28 AM  
Coronary Physiology: FFR iFR and Other Resting Indices  
Lecturer: Allen Jeremias  

9:38 AM  
Roundtable Discussion With Audience QA  

9:41 AM  
Acute Coronary Syndromes: Treatment of NSTE ACS and STEMI  
Lecturer: Gregory W. Serrao  

9:51 AM  
Case Example: A Complex STEMI  
Case Presenter: Bimmer E. Claessen  

9:56 AM  
Roundtable Discussion With Audience QA  

9:59 AM  
Left Main and Bifurcation Interventions  

10:09 AM  
Case Example: A Complex Left Main Bifurcation  
Case Presenter: Gennaro Giustino  

10:14 AM  
Roundtable Discussion With Audience QA  

10:17 AM  
Contemporary AntiplateletAnticoagulation Therapy Post PCI  
Lecturer: Sorin J. Brener  

10:27 AM  
Roundtable Discussion With Audience QA  

10:30 AM - 12:00 PM  
Session III: Introduction to PCI and Valve Disease Interventions  
Moderators: Gennaro Sardella, Jose M. Wiley  
Discussants: Larry S. Dean, Andrew Michael Goldsweig, Elvin Kedhi, Anthony L. Pucillo, Hadley Wilson  

10:30 AM  
Drug Eluting Stent Platforms and Outcomes 2019  
Lecturer: Roberto Diletti  

10:40 AM  
Case Example: Complex DES With Long Term Outcomes  
Case Presenter: Anita Paggi  

10:45 AM  
Roundtable Discussion With Audience QA  

10:48 AM  
Drug Eluting Stent Thrombosis and Restenosis: Mechanisms Frequency and Treatment  
Lecturer: Binita Shah  

10:58 AM  
Case Example: Contemporary DES Thrombosis  
Case Presenter: Amir Darki  

11:03 AM  
Roundtable Discussion With Audience QA  

11:06 AM  
Lesion PreparationModification Devices  
Lecturer: Robert T. Pyo  

11:16 AM  
Case Example: When Lesion Preparation is Suboptimal  
Case Presenter: Massimo Mancone  

11:24 AM  
TAVR: Indications and New Applications  
Lecturer: Larry S. Dean  

11:34 AM  
Case Example: TAVR for Bicuspid Aortic Stenosis  
Case Presenter: Pedro A. Villalba  

11:39 AM  
Roundtable Discussion With Audience QA  

11:42 AM  
Percutaneous Mitral Valve Repair and Replacement  
Lecturer: Pranav Loyaika  

11:52 AM  
Case Example: A Not So Straightforward MitraClip  
Case Presenter: Mackram F. Eleid  

11:57 AM  
Roundtable Discussion With Audience QA  

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

The Best of Intervention From Europe: Complex Coronary and Structural Heart Interventions  
Coronary: CHIP  
Coronary: Core  
Structural: Non-Valve  
Structural: Valve  
Vascular  

TRANSCATHETER VALVE THERAPY | WEDNESDAY, SEPTEMBER 25, 2019  
Last Updated 09/23/2019  
Page: 11
8:30 AM - 9:10 AM

**Session I: Advanced PCI Interventions**

*Moderators: Jeroen J. Bax, Stephan Windecker*
*Discussants: Adrian P. Banning, Antonio Colombo, Anthony H. Gershlick, Yoshinobu Onuma, Marco Valgimigli*

- **8:30 AM**  
  Will CTA Replace Invasive Coronary Angiography  
  *Lecturer: Yoshinobu Onuma*

- **8:37 AM**  
  FFR IF or QFR for Functional Assessment of Stenosis Severity  
  *Lecturer: Giulio Stefanini*

- **8:44 AM**  
  Drug Coated Balloons: State of the Art in the Face of Controversy  
  *Lecturer: Antonio Colombo*

- **8:51 AM**  
  Antithrombotic Therapy in PCI Patients With Atrial Fibrillation  
  *Lecturer: Marco Valgimigli*

- **8:58 AM**  
  Roundtable 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, Thomas Pilgrim, Corrado Tamburino, Stephan Von Barderleben*

- **9:10 AM**  
  Has TAVR Become the Default Therapy in Patients With Severe Aortic Stenosis  
  *Lecturer: Stephan Windecker*

- **9:17 AM**  
  TAVR in Bicuspid Aortic Valves  
  *Lecturer: Lars Sondergaard*

- **9:24 AM**  
  TAVR in Pure Aortic Regurgitation  
  *Lecturer: Thomas Pilgrim*

- **9:31 AM**  
  State of Cerebral Protection in Patients Undergoing TAVR  
  *Lecturer: Axel Linke*

- **9:38 AM**  
  Roundtable 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. Von Mieghem, Stephan Von Barderleben*

- **9:50 AM**  
  How to Select Patients With Secondary MR for Percutaneous Edge to Edge Repair  
  *Lecturer: Jörg Hausleiter*

- **9:57 AM**  
  Which Patients With Primary MR Are Suitable for Percutaneous Edge to Edge Repair  
  *Lecturer: Hüseyin Ince*

10:04 AM  
Transcatheter Mitral Valve Repair: What Devices for Which Patient  
*Lecturer: Francesco Maisano*

10:11 AM  
Tricuspid Valve Repair: Current Status  
*Lecturer: Stephan Von Barderleben*

10:18 AM  
Roundtable 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

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

---

**WEDNESDAY, SEPTEMBER 25, 2019**  
**8:30 AM - 10:30 AM**  
**Room 205-206**

8:30 AM - 9:10 AM

**Session I: Advanced PCI Techniques**

*Moderators: Lei Ge, Makoto Sekiguchi*
*Discussants: Alexandre Avran, Scott Harding, Taishi Hirai, Ashish Pershad, Sudhir Rathore*

- **8:30 AM**  
  Halfway Rotational Atherectomy in Severely Calcified Coronary Lesions  
  *Lecturer: Kenichi Sakakura*

- **8:40 AM**  
  Roundtable Discussion With Audience QA

- **8:43 AM**  
  The Latest Strategies for CTO Japanese Fashion  
  *Lecturer: Takeshi Serikawa*

- **8:53 AM**  
  Roundtable Discussion With Audience QA

- **8:56 AM**  
  Clinical Outcomes After IVUS Guided Directional Coronary Atherectomy DCA And Drug Coating Balloons DCB  
  *Lecturer: Yoshiaki Ito*

- **9:06 AM**  
  Roundtable Discussion With Audience QA

9:10 AM - 9:50 AM

**Session II: Coronary Imaging and Physiologic Assessment**

*Moderators: Takashi Akasaka, Hitoshi Matsuo*
*Discussants: Akiko Fujino, Matthias Göteborg, Yoshiaiki Kawase, Yuhei Kobayashi, Akiko Maehara*

- **9:10 AM**  
  Long Term Clinical Outcomes of Japanese Patients With Deferred Coronary Intervention Based on FFR: The J CONFIRM Registry  
  *Lecturer: Shoichi Kuramitsu*

- **9:20 AM**  
  Roundtable Discussion With Audience QA
9:24 AM How Does Intravascular Imaging Derived FFR Work and When Should It Be Used
Lecturer: Fumiyasu Seike

9:34 AM Roundtable Discussion With Audience QA

9:37 AM Comparison Between QFR and FFCT With Case Examples
Lecturer: Hiroki Emori

9:47 AM Roundtable Discussion With Audience QA

9:50 AM - 10:30 AM
Session III: Endovascular & Structural Heart Interventions

9:50 AM Can Baseline IVUS Predict Dissection Patterns of Femoropopliteal Lesions
Lecturer: Daizo Kawasaki

9:57 AM Roundtable Discussion With Audience QA

10:00 AM Stress Hormones Are Related to Perioperative Outcomes After CLI Surgical Endovascular Revascularization: The SPINACH Registry
Lecturer: Yoshimitsu Saga

10:07 AM Roundtable Discussion With Audience QA

10:10 AM Transcatheter Aortic Valve Replacement in Complex Anatomy
Lecturer: Futoshi Yamanaka

10:17 AM Roundtable Discussion With Audience QA

10:20 AM Structural Interventions for Challenging Complex Anatomy of Japanese Patients
Lecturer: Masanori Yamamoto

10:27 AM Roundtable Discussion With Audience QA

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

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

11:09 AM Roundtable Discussion With Audience QA

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

11:21 AM Roundtable Discussion With Audience QA

11:25 AM Case Based Learning: Hangzhou TAVR Experience
Case Presenter: Jun Jiang

11:32 AM Roundtable Discussion With Audience QA

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

11:42 AM Roundtable Discussion With Audience QA

THE BEST OF INTERVENTION FROM CHINA

The Best of Intervention From China
Coronary: CHIPCoronary: CoreStructural: Non-ValveVascularStructural: Valve

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

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

11:45 AM Session II: Clinical Research and Practice in Percutaneous Coronary Intervention
Moderators: Gregg W. Stone, Yuejin YangDiscussants: Antonio Colombo, Lei Ge, Ajay J. Kirtane, Jian Liu, Shengxian Tu, Junjie Zhang

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

11:59 AM CTO PCI Algorithm of China: Similarities and Differences with Japan Europe and US
Lecturer: Lei Ge

12:09 PM Roundtable Discussion With Audience QA

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
THE BEST OF INTERVENTION FROM LATIN AMERICA

The Best of Intervention From Latin America
Coronary: CoreCoronary: CHIPStructural: Non-ValveStructural: ValveVascular

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

10:45 AM - 11:45 AM
Session I: Structural Interventions
Moderators: Alexandre Abizaid, Oscar A. MendizDiscussants: Jorge CortesLawrenz, Antonio Enrique Dager, Anibal A. Damonte, Diego D. Grinfeld, Armando Mangioni, Juan Terre

10:45 AM
All You Need to Know About TAVR: Patient Selection and Sizing Algorithms
Lecturer: Jonathan A. Leipsic

10:52 AM
Roundtable Discussion With Audience QA

10:57 AM
TAVR Potpourri: Special and Bail Out Situations
Lecturer: Oscar A. Mendiz

11:04 AM
Roundtable Discussion With Audience QA

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

11:16 AM
Roundtable Discussion With Audience QA

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 QA

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

11:39 AM
Roundtable Discussion With Audience QA

11:45 AM - 12:45 PM
Session II: Coronary Interventions
Moderators: Jose L. Leiva-Pons, Armando MangioniDiscussants: ALEJANDRO Chauvet ALCOCE, Pablo D. Charry-Amaya, Guering Eid-Lidt, Efrain Gaxiola, Oscar A. Mendiz, Juan Terre

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
Structural: ValveStructural: Non-Valve

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

1:00 PM - 3:00 PM
TCT Russia: At the Crossroads of Adult Structural and Congenital Interventions
Moderators: Bagrat Alekyan, Robert J. SommerDiscussants: Sergey A. Abogov, Alexey N. Fedorchenko, Mayra Guerrero, Zaza Kavteladze, Michael J. Mack, Wojtek Wojakowski

1:00 PM
Introduction
Lecturer: Bagrat Alekyan

1:05 PM
PFO Closure in Adults: Clinical Trial Update Indications and Emerging Devices
Lecturer: Robert J. Sommer

1:13 PM
Learn the Technique Case Based: PFO Closure in an Adult Patient
Case Presenter: Evgeny V. Merkulov

1:20 PM
Roundtable Discussion With Audience QA
THE BEST OF INTERVENTION FROM THE ASIA-PACIFIC AND INDIA

The Best of Intervention From the Asia-Pacific and India
Coronary: CHIPCoronary: CoreStructural: Non-ValveStructural: ValveVascular

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

1:00 PM - 2:00 PM
Session I: Coronary and Peripheral Interventions

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

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-Chih Huang

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
Case Presenter: Teguh Santoso

2:43 PM Roundtable Discussion With Audience QA

2:48 PM Case 10 From Taiwan: A Challenging LAA Closure
Case Presenter: Ying-Hsiang Lee

2:55 PM Roundtable Discussion With Audience QA

THE BEST OF INTERVENTION FROM THE MIDDLE EAST AND AFRICA

The Best of Intervention From the Middle East and Africa
Coronary: CoreStructural: Valve

WEDNESDAY, SEPTEMBER 25, 2019
3:15 PM - 5:15 PM
Room 205-206
3:15 PM - 3:55 PM
Session I: A Complex Coronary Case (CHIP)
Moderators: Ran Kornowski, Mohamed Ahmed Sobhy
Discussants: Magdy Abdelhamid, Hadi Abu-Hantash, Khalid A. Al Faraidy, Adel M kamal El Etriby, Sajidah Khan

3:15 PM  A Patient With Complex Coronary Artery Disease
            3:15 PM  Case Introduction
                        Case Presenter: Nireen Okasha
            3:20 PM  How I Would Treat This Case
                        Lecturer: Rajat Shaha
            3:25 PM  How I Would Treat This Case
                        Lecturer: Kais BATTIKH
            3:30 PM  Case Resolution: How Did I Treat This Patient
                        Case Presenter: Nireen Okasha

3:35 PM  Roundtable Discussion With Audience QA
3:50 PM  Take Home Messages
                        Lecturer: Mohamed Ahmed Sobhy

3:55 PM - 4:35 PM
Session II: STEMI, MVD, and Cardiogenic Shock
Moderators: Waqar H. Ahmed, Mohamed Ahmed Sobhy
Discussants: Khaled F. Al Shaibi, Kais BATTIKH, Katia Orvin, Abdullah Shehab, Khalid Omar Tammam

3:55 PM  A Patient With STEMI MVD and Cardiogenic Shock
            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: Mohamed Abed Bouraghda
            4:10 PM  Case Resolution: How Did I Treat This Patient
                        Case Presenter: Chaim S. Lotan

4:15 PM  Roundtable Discussion With Audience QA
4:30 PM  Take Home Messages
                        Lecturer: Waqar H. Ahmed

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

4:35 PM  An Intermediate Risk Patient With Severe Aortic Stenosis
            4:35 PM  Case Introduction
                        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
5:10 PM  Take Home Messages
                        Lecturer: E. Murat Tuzcu

WOMEN IN STRUCTURAL HEART (WISH):
BREAKING THE GLASS CEILING — AN EVENING OF COMPLEX CASES (SPONSORED BY CRF; SUPPORTED BY ABBOTT, BOSTON SCIENTIFIC CORPORATION, EDWARDS LIFESCIENCES, AND MEDTRONIC)

Women in Structural Heart (WISH): Breaking the Glass Ceiling — An Evening of Complex Cases (Sponsored by CRF; Supported by Abbott, Boston Scientific Corporation, Edwards Lifesciences, and Medtronic)

Structural: Valve

WEDNESDAY, SEPTEMBER 25, 2019
6:00 PM - 8:05 PM
Yerba Buena Ballroom 8

6:00 PM - 6:30 PM
Check-in and reception

6:30 PM - 8:05 PM
Women In Structural Heart Disease
Faculty: Christine Jee-Young Chung, Stephanie El-Hajj, Nadira Hamid, Katherine B. Harrington, Nisha Jhalani, Alexandra J. Lansky, Sandra Lauck, JoAnn Lindenfeld, Maureen McKiernan, Roxana Mehran, Amisha Patel, Elizabeth M. Perpetua, Jacqueline Saw, Anupama Shivaraju, Lissa Sugeng, Molly Szerlip, Dee Dee Wang, Tiffany Wong, Melana Yuzefpolskaya
Chairs: Anita Asgar, Kendra J. Grubb, Mayra Guerrero, Rebecca T. Hahn, Vivian G. Ng

6:30 PM  Introduction and Welcome to the Inaugural Session
                        Lecturer: Martin B. Leon
6:35 PM  Featured Lecture: The Rapid Growth of Structural Heart Disease and the Multidisciplinary Heart Team
                        Keynote Speaker: Rebecca T. Hahn
6:50 PM  Case Based Heart Team Presentations
                        Moderator: Anita Asgar, Kendra J. Grubb, Mayra Guerrero, Rebecca T. Hahn, Sandra Lauck, Roxana Mehran, Vivian G. Ng
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 and Continental Breakfast

8:00 AM - 8:40 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
The TAVR Journey: Where Were You When
Moderators: A. Pieter KappeteinDiscussants: Martin B. Leon, Michael J. Mack, Jeffrey J. Popma, Michael J. Reardon

8:40 AM - 10:35 AM
The Foundation of TAVR
11:40 AM | In Hospital Management Strategies: An Introduction to Minimalism
Lecturer: Guilherme Attizzani

11:50 AM | Follow Up Care: 30 Day 1 Year and Referral Communication
Lecturer: Martina Kelly Kelly Speight

12:00 PM | The First 50: Case Selection Considerations
Lecturer: Srinivas Iyengar

12:15 PM - 1:00 PM | Lunch

1:00 PM - 3:00 PM | Maintaining and Accelerating Your Program: Part 1 — Logistics
Moderators: Jeffrey J. Popma
Discussants: Sarah E. Clarke, Hemal Gada, Srinivas Iyengar, Michaela Mueller, Carrie Redick, Lucy Schlueter

1:00 PM | The Financial Implications of a TAVR Program: A Primer on Healthcare Economics and 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
3:00 PM | Market Analysis
Lecturer: Lucy Schlueter

1:38 PM | Identifying Referral Sources Outreach Programs
Lecturer: Srinivas Iyengar

1:48 PM | Echo Alert
Lecturer: Hemal Gada

1:58 PM | MarketingMedia Opportunities
Lecturer: Michaela Mueller

2:05 PM | Creating Efficiencies in the Clinical Care Pathway
Lecturer: Sarah E. Clarke

2:15 PM | Lessons Learned: A Roundtable Discussion Perspectives From the Full Extended Heart Teams of Successful Experienced Programs
Discussant: Timothy John Byrne, Michael Caskey, Paul D. Mahoney, Tammy Querrey, Carrie Redick

2:30 PM | Break

2:45 PM | The Future of TAVR
Lecturer: Nina Goodheart

2:55 PM | QA With Panel

3:00 PM - 5:00 PM | Maintaining and Accelerating Your Program: Part 2 — Acquiring Advanced Skills
Moderators: A. Pieter Kappetein, Paul D. Mahoney
Discussants: Guilherme Attizzani, Srinivas Iyengar, Hasan Jilaihawi, Muhamed Saric, Steven J. Yakubov

3:00 PM | Acquiring Advanced

3:00 PM | Echo Interpretation Skills
Lecturer: Muhamed Saric

3:15 PM | CT Interpretation Skills
Lecturer: Hasan Jilaihawi

3:30 PM | Technical Operator Skills
Lecturer: Homam Ibrahim

3:45 PM | Sedation: MACNurse Administered
Lecturer: Guilherme Attizzani

4:00 PM | Complication Management
Lecturer: Paul D. Mahoney, Jeffrey J. Popma

4:20 PM | Evaluation for Conduction Disorders
Lecturer: Steven J. Yakubov

4:30 PM | Working Group Sessions: TAVR Team Planning With Faculty Guidance
Discussants: Guilherme Attizzani, Srinivas Iyengar, Hasan Jilaihawi, Paul D. Mahoney, Jeffrey J. Popma, Muhamed Saric, Steven J. Yakubov

4:40 PM | TAVR Team Planning Sharing
Discussants: Guilherme Attizzani, Srinivas Iyengar, Hasan Jilaihawi, Paul D. Mahoney, Jeffrey J. Popma, Muhamed Saric, Steven J. Yakubov

5:00 PM - 5:00 PM | Adjourn

---

**TAVR FOUNDATIONS FOR FELLOWS**
(Sponsored by Edwards Lifesciences)

**TAVR Foundations for Fellows (Sponsored by Edwards Lifesciences)**

WEDNESDAY, SEPTEMBER 25, 2019
8:00 AM - 5:00 PM
Room 301

8:00 AM - 5:00 PM | TAVR Foundations for Fellows
Faculty: John K. Forrest, Ryan K. Kaple, Omar K. Khalique, Amar Krishnaswamy, James M. McCabe, Andrew Morse, Rahul Prakash Sharma, Torsten P. Vahl
Chairs: Tamim M. Nazif

8:00 AM | Welcome and Introduction

8:15 AM | TAVR Evolution and PARTNER Data Overview
Presenter: Susheel Kodali

9:00 AM | Echocardiography for TAVR
Presenter: Omar K. Khalique

9:30 AM | CT Imaging for TAVR
Presenter: Torsten P. Vahl

10:00 AM | Break

10:15 AM | Transfemoral Procedure: Device Overview and Case Review
TRANSLATIONAL PATHWAYS FOR CARDIOVASCULAR DEVICES (SPONSORED BY ISCTR)

Translational Pathways for Cardiovascular Devices (Sponsored by ISCTR)

WEDNESDAY, SEPTEMBER 25, 2019
8:00 am - 5:00 pm
Room 151/153

8:00 am - 5:00 pm
Translational Pathways for Cardiovascular Devices

8:00 am  Introduction
Presenter: Anthony DeMaria

8:00 am  Welcome Statement
Presenter: Anthony DeMaria

8:05 am  ISCTR Mission and Statement of Meeting Purpose
Presenter: Nabil Dib

8:15 am  Presentation of the ISCTR Nelson Award
Presenter: David R. Holmes Jr., Diana Nelson

8:20 am  Keynote Address

8:20 am  Education and Implementation of the Translational Pathways Document
Presenter: Spencer B. King III

8:35 am  Session I: Device Development Essential Concepts

8:35 am  Session I: Device Development Essential Concepts
Moderator: Anthony DeMaria, David R. Holmes Jr.

8:35 am  Choosing an Innovative Concept
Presenter: Todd J. Brinton

8:42 am  Intellectual Property
Presenter: James Inskeep

8:49 am  Business Planning Development and Fundraising
Presenter: Stanton J. Rowe

8:56 am  Conflict of Interest and Product Development
Presenter: Anthony DeMaria

9:03 am  Adoption of Technology
Presenter: Ian T. Meredith

9:10 am  Session I Panel Discussion
Discussant: Todd J. Brinton, Tonya Dowd, Andrew Farb, Peter J. Fitzgerald, James Inskeep, Ian T. Meredith, David Reuter, MD, Gary S. Roubin, Stanton J. Rowe, jianhua sun

9:30 am  Break

9:45 am  Session II: Device Development Focus on Diagnostic Devices
Moderator: Mitchell W. Krucoff, Bram D. Zuckerman

9:45 am  Advanced Cardiac Anatomy: Application in Translational Research Tailored to Current and Future Technology
Presenter: Renu Virmani

10:00 am  Advanced Cardiac Imaging: Application in Translational Research Tailored to Current and Future Technology
Presenter: Jeroen J. Bax

10:15 am  Statistics for Evaluation of Cardiovascular Diagnostic Devices
Presenter: Chris Mullin

10:30 am  Regulatory Review of Cardiovascular Diagnostic Devices: FDA Perspective
Presenter: Marco Cannella

10:45 am  Regulatory Review of Cardiovascular Devices: European Regulatory Perspective
Presenter: Robert A. Byrne

11:00 am  Guideline Requirement for Diagnostic Devices
Presenter: Roxana Mehran

11:15 am  Reimbursement for Diagnostic Devices
Presenter: Lori M. Ashby

11:30 am  Session II Panel Discussion
Discussant: Lori M. Ashby, Jeroen J. Bax, Robert A. Byrne, Marco Cannella, Seth Clancy, Anthony DeMaria, Avi Fischer, Louis B. Jacques, Roxana Mehran, Chris Mullin, Robert Roberts, Renu Virmani

11:50 am  Lunch

12:15 pm  Session III: Advances in the Assessment of High Risk Coronary Lesions
Moderator: Robert O. Bonow, Campbell Rogers

12:15 pm  Unmet Clinical Needs Value Adds and Future Directions in Lesion Assessment
Overview Interventional Devices for Heart Failure

Presenter: James K. Min

12:22 AM Unmet Clinical Needs Value Adds and Future Directions in Intracoronary Lesion Assessment FFR IVUS OCT Infrared
Presenter: Morton J. Kern

12:29 AM Non Clinical Evaluation
Presenter: Robert D. Safian

12:36 AM Regulatory Perspectives
Presenter: Shawn Forrest

12:43 AM Session III Panel Discussion
Discussant: Jeroen J. Bax, Daniel S. Berman, Carlos Collet, Shawn Forrest, Morton J. Kern, Adrian Magee, James K. Min, James E. Muller, Paul G. Yock

12:58 AM Session IV: Translational Pathways for Structural Heart Intervention Imaging
Moderator: Rebecca T. Hahn, Dee Dee Wang

12:58 AM Unmet Clinical Needs for Tricuspid Valve Interventions
Presenter: Steven J. Yakubov

1:05 AM Current Imaging Limitations for the Advancement of Tricuspid Valve Interventions
Presenter: Rebecca T. Hahn

1:12 AM Challenges From the Regulatory Perspective
Presenter: Changfu Wu

1:19 AM Session IV Panel Discussion
Discussant: Tobias Bohling, Tonya Dowd, Andrew Farb, Rebecca T. Hahn, Carlos E. Sanchez, Changfu Wu, Steven J. Yakubov

1:34 AM Break

1:45 AM Session V: Translational Pathways for Left Appendage Closure Devices

1:45 AM Unmet Clinical Needs and Future Directions
Presenter: Brian K. Whisenant

1:52 AM Current and Future LAA Imaging Modalities to Optimize LAA Closure
Presenter: Dee Dee Wang

1:59 AM Regulatory Perspectives
Presenter: Rachel Neubrander

2:06 AM Session V Panel Discussion
Discussant: Tonya Dowd, Andrew Farb, Rebecca T. Hahn, Louis B. Jacques, Chris Mullin, Rachel Neubrander, Mark Reisman, Kris Shah, Horst Sievert, Renu Virmani, Dee Dee Wang, Brian K. Whisenant

2:26 AM Session VI: Translational Pathways for Interventional Devices for Heart Failure

2:26 AM Session VI: Translational Pathways for Interventional Devices for Heart Failure
Moderator: Nicole Ibrahim, William W. O'Neill

2:26 AM Overview Interventional Devices for Heart Failure

Presenter: William T. Abraham

2:33 AM Current Landscape and Future Directions: Percutaneous Ventricular Assist Devices
Presenter: William W. O'Neill

2:40 AM Current Landscape and Future Direction of Neuromodulation Therapies
Presenter: Horst Sievert

2:47 AM Current Landscape and Future Directions: Intracardiac Shunts Ventricular Remodeling Therapies
Presenter: Gregg W. Stone

2:54 AM Non Clinical Evaluation
Presenter: Navin K. Kapur

3:01 AM Regulatory Perspective
Presenter: Ileana L. Pina

3:08 AM Session VI Panel Discussion

3:28 AM Break

3:40 AM Session VII: Revascularization and Devices for Complex Coronary Lesions Calcified Total Occlusion

3:40 AM Unmet Clinical NeedsCurrent and Future Direction
Presenter: Ajay J. Kirtane

3:47 AM Non Clinical Evaluation
Presenter: Kevin J. Croce

3:54 AM FDA Perspectives
Presenter: Lydia S. Glaw

4:01 AM Session VII Panel Discussion

4:21 AM Session VIII: Meet the Legends of Innovation Challenges in Cardiovascular Device Development

4:21 AM Session VIII: Meet the Legends of Innovation Challenges in Cardiovascular Device Development
Moderator: Martin B. Leon, Paul G. Yock

4:21 AM Session VIII Meet the Legends Round Table Discussion
Discussant: Neal Farnot, David R. Holmes Jr., Spencer B. King III, James E. Muller, Julio C. Palmaz, David Reuter, MD, Gary S. Roubin, Stanton J. Rowe, Richard A. Schatz, Chuck Simonton, John B. Simpson, Gregg W. Stone, Gregg Sutton, Sir Magdi H. Yacoub, Bram D. Zuckerman

4:55 AM Closing Remarks
Presenter: Nabil Dib

AMI AND VULNERABLE PLAQUE AND PATIENT STUDIES

AMI and Vulnerable Plaque and Patient Studies

Coronary: CHIP
WEDNESDAY, SEPTEMBER 25, 2019
12:30 AM - 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 Langenhouve

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 Garlichs

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 Garlichs, 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

COMPLICATIONS OF TAVR AND OTHER LARGE DEVICES

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

12:30 PM - 1:30 PM
Session I: Coronary Obstruction
Moderators: Neal S. Kleiman, Stephen G. G. Worthley
Discussants: Brunilda Alushi, Santiago Garcia, Katia Orvin, Rishi Puri, Henrique B. Ribeiro, David G. Rizik

12:30 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

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
Moderators: Karel T. Koch, Ulf Landmesser
Discussants: Mark C. Bates, Asim Cheema, Alejandro Cherro, Nabil Farag, Saib Khogali, S. Chiu Wong

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
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

1:45 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

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: Nicolas M. Van Mieghem

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

DES AND BIORESORBABLE SCAFFOLDS

**DES and Bioresorbable Scaffolds**

Coronary: CHIP

**WEDNESDAY, SEPTEMBER 25, 2019**

**12:30 PM - 2:30 PM**

Room 213

**12:30 PM** TCT 41: A prospective multicentre randomized 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: Azfar G. Zaman

**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: Bernhard Witzenbichler

**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

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

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

Moderators: Michael Haude, John A. Ormiston  
Discussants: Arif Al Nooryani, 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  
Presenting Author: Alexandre Abizaid

**1:55 PM** Discussion

**2:00 PM** 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: Runlin Gao

**2:10 PM** Discussion

**2:15 PM** TCT 48: Bioreabsorbable Scaffold Versus Metallic Drug Eluting Stent in Patients at High Risk of Restenosis COMPARE ABSORB trial: Very late device thrombosis while on extended DAPT  
Presenting Author: Robert-Jan Van Geuns

**2:25 PM** Discussion

ENDOVASCULAR INTERVENTIONS

**Endovascular Interventions**

**Vascular**

**WEDNESDAY, SEPTEMBER 25, 2019**

**12:30 PM - 2:30 PM**

Room 203
**Session I: Chronic limb ischemia**

**Moderators:** J. Stephen Jenkins, Mahmood K. Razavi
**Discussants:** Stanislaw Bartus, Jose A. Condado, Alejandro Goldsmit, Karthik R. Gujja, Jun Nakazato, Makoto Utsunomiya

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

**TCT 57:** Plantar Thermography in Predicting Wound Healing in Patients with Critical Limb Ischemia  
*Presenting Author:* Wei-chun Chang

**Discussion**

**12:45 PM - 1:00 PM**

**TCT 58:** Predictors associating with major amputation in critical limb ischemia patients with WII stage 4  
*Presenting Author:* Norihiro Kobayashi

**Discussion**

**1:00 PM - 1:05 PM**

**Session II: Endovascular Potpourri**

**Moderators:** Jacques Busquet, Michel Camille Henry
**Discussants:** Venita Chandra, Roger Gammon, Roberto Gandini, Mark J. Goodwin, Shingo Kaneko, Sanjiv Lakhanpal

**1:30 PM - 2:00 PM**

**TCT 61:** One Year Outcome of Subintimal versus Intraluminal Approach Subintimal versus Intraluminal Wire Passage Based on Intravascular Ultrasound Findings For Femoro Popliteal Chronic Total Occlusions.  
*Presenting Author:* Yuusuke Tomoï

**Discussion**

**1:45 PM - 2:00 PM**

**TCT 62:** A polymer free paclitaxel eluting stent Zilver PTX versus a bare metal stent Misago for de novo femoropopliteal lesions BATTLE: a randomised trial  
*Presenting Author:* Yann Gouëffic

**Discussion**

**1:45 PM - 1:50 PM**

**TCT 63:** Jetstream Atherectomy for the Treatment of In stent Restenosis of the Femoropopliteal Artery: Preliminary Results of the JET ISR Study  
*Presenting Author:* Nicolas W. Shammas

**Discussion**

**1:50 PM - 2:05 PM**

**TCT 64:** Intravascular Molecular Structural Imaging of Arterial Permeability and Vascular Injury In Vivo: Implications for Drug Coated Balloon Efficacy  
*Presenting Author:* Mazen Albaghdadi

**Discussion**

**1:55 PM - 2:10 PM**

**TCT 65:** Intravascular Imaging — Part I

**Moderators:** Hiram G. Bezerra, Marc D. Feldman
**Discussants:** Roberto Diletti, John J. Lopez, Pedro R. Moreno, Yoshinobu Onuma, Nicolas W. Shammas, Mladen I. Vidovich

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

**TCT 49:** Perceived versus competency based assessment of interventional cardiology fellows abilities in intracoronary physiology and imaging  
*Presenting Author:* Erin Flattery

**Discussion**

**12:40 PM - 1:40 PM**

**TCT 50:** Comparison of Saline and Radiographic Contrast for Optical Coherence Tomography Guided Intracoronary Imaging  
*Presenting Author:* Ankita Gore

**Discussion**

**1:55 PM - 2:00 PM**

**TCT 51:** IVUS Predictors of Stent Expansion in Severely Calcified Lesions  
*Presenting Author:* mingyou zhang

**Discussion**

**1:55 PM - 2:00 PM**

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

**Discussion**

**1:55 PM - 2:00 PM**

**Session II: Intravascular Imaging — Part II**

**Moderators:** Daniel Chamie, John McB. Hodgson
**Discussants:** Kevin J. Croce, Joost Daemen, Jose M. De la Torre Hernandez, Nieves Gonzalo, Christopher Kim, Massoud A. Leesar

**1:30 PM - 2:00 PM**

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

**Discussion**

**1:45 PM - 1:50 PM**

**TCT 54:** The Application of Predefined Optimization Criteria for Intravascular Ultrasound Guidance of Left Main Coronary Artery Stenting Improves Outcomes.  
*Presenting Author:* Jose M. De la Torre Hernandez

**Discussion**

**1:55 PM - 2:00 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
PCI IN PATIENTS WITH HEAVILY CALCIFIED LESIONS AND CHRONIC KIDNEY DISEASE

12:30 PM - 1:30 PM
Session I: PCI of Heavily Calcified Lesions
Moderators: Maurice Buchbinder, Michael J. Cowley
Discussants: Tayo A. Addo, Ramesh Adiraju, Ahmed Elghamaz, Jack Hall, Stefan Harb, Jun Jiang

12:30 PM
TCT 25: 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

12:40 PM
Discussion

12:45 PM
TCT 26: 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-Wahab

12:55 PM
Discussion

1:00 PM
TCT 28: Comparative Study of Resource Utilisation Costs and Procedural Times of Percutaneous Coronary Intervention with Rotational Atherectomy vs Intravascular Lithotripsy
Presenting Author: Shafeer G. Rashid

1:10 PM
Discussion

1:15 PM
TCT 27: Safety and Effectiveness of Coronary Intravascular Lithotripsy for Treatment of Severely Calcified Coronary Stenoses: The Disrupt CAD II study
Presenting Author: Ziad A. Ali

1:25 PM
Discussion

1:30 PM - 2:30 PM
Session II: PCI in Chronic Kidney Disease

TAVR COMPLICATIONS AND CONGENITAL HEART DISEASE INTERVENTIONS

12:30 PM - 1:30 PM
Session I: TAVR Complications
Moderators: Massimo Napodano, Bernhard Reimers
Discussants: Kimberly Atianzar, Quang T. Bui, Antonio Enrique Dager, Mohamed Mohamed Elmaraghi, Marvin H. Eng, Vincent J. Pompili

12:30 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
Discussion

12:45 PM
TCT 34: Bioprosthetic valve fracture can eliminate preexisting prosthesis patient mismatch
Presenting Author: Christina Brinkmann

12:55 PM
Discussion
1:00 PM  TCT 35: Redo Transcatheter Aortic Valve Replacement for Structural and Non Structural Transcatheter Valve Dysfunction: Initial Experience From a Single High Volume Center  
Presenting Author: Lisa Crusius
1:10 PM  Discussion
Presenting Author: Hashrul Rashid
1:25 PM  Discussion
1:30 PM - 2:30 PM  Session II: Congenital Heart Disease Interventions  
Moderators: Doff B. McElhinney, Carlos E. RuizDiscussants: John P. Breinholt, Matthew J. Daniels, Mohammad El Tahlawi, Alexander Grigorievich Osiev, Peter B. Sick, Harsimran Sachdeva Singh
1:30 PM  TCT 37: Moderate to Severe Tricuspid Regurgitation in Adults Undergoing Transcatheter Atrial Septal Defect Closure  
Presenting Author: Yvonne Bach
1:40 PM  Discussion
1:45 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
1:55 PM  Discussion
2:00 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  Discussion
2:15 PM  TCT 40: Transcatheter versus Surgical Pulmonic Valve Replacement in the United States  
Presenting Author: Sanjay Venkatesh
2:25 PM  Discussion

CTO INTERVENTIONS

WEDNESDAY, SEPTEMBER 25, 2019  
3:00 PM - 4:00 PM  
Room 213

3:00 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  Discussion
3:15 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  Discussion
3:30 PM  TCT 99: Outcomes with retrograde vs. antegrade chronic total occlusion revascularization  
Presenting Author: Michael Megaly
3:40 PM  Discussion
3:45 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  Discussion

4:00 PM - 5:00 PM  
Session II: CTO — Part II  
4:00 PM  TCT 101: Percutaneous Coronary Intervention of Aortic Ostial Coronary Chronic Total Occlusion: Results and Technical Implications From a Multicenter Registry  
Presenting Author: Soledad Ojeda
4:10 PM  Discussion
4:15 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  Discussion
4:30 PM  TCT 103: Wire Location by IVUS Strongly Predicts Procedural Success in the Retrograde Approach for Chronic Total Occlusions  
Presenting Author: Yongzhen Fan
4:40 PM  Discussion
4:45 PM  TCT 104: EFFICACY AND SAFETY OF THE NOVACROSS MICROCATHETER FOR CHRONIC TOTAL OCCLUSIONS: AN EXPANDED SAFETY STUDY  
Presenting Author: Simon J. Walsh
4:55 PM  Discussion

COMPLEX PCI AND LEFT MAIN INTERVENTIONS

WEDNESDAY, SEPTEMBER 25, 2019  
3:00 PM - 4:00 PM  
Session I: CTO — Part I

3:00 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  Discussion
3:15 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  Discussion
3:30 PM  TCT 99: Outcomes with retrograde vs. antegrade chronic total occlusion revascularization  
Presenting Author: Michael Megaly
3:40 PM  Discussion
3:45 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  Discussion

4:00 PM - 5:00 PM  
Session II: CTO — Part II  
4:00 PM  TCT 101: Percutaneous Coronary Intervention of Aortic Ostial Coronary Chronic Total Occlusion: Results and Technical Implications From a Multicenter Registry  
Presenting Author: Soledad Ojeda
4:10 PM  Discussion
4:15 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  Discussion
4:30 PM  TCT 103: Wire Location by IVUS Strongly Predicts Procedural Success in the Retrograde Approach for Chronic Total Occlusions  
Presenting Author: Yongzhen Fan
4:40 PM  Discussion
4:45 PM  TCT 104: EFFICACY AND SAFETY OF THE NOVACROSS MICROCATHETER FOR CHRONIC TOTAL OCCLUSIONS: AN EXPANDED SAFETY STUDY  
Presenting Author: Simon J. Walsh
4:55 PM  Discussion
3:00 pm - 4:00 pm
Session I: Complex PCI
Moderators: Christophe Dubois, Massimo Napodano Discussants: Ariel Duran, Colm Hanratty, Michael C. Kim, Ayman Abou El Magd, Jamil Abdalla Saad, Julian Strange

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: Buddy 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

3:40 pm Discussion

4:00 pm - 5:00 pm
Session II: Left Main Interventions

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-yoon 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: Changdong Guan

4:55 pm Discussion

HYPERTENSION AND HEART FAILURE THERAPIES

3:00 pm - 4:50 pm
Room 203

3:00 pm Hypertension and Heart Failure Therapies

3:00 pm TCT 81: Quantification of Procedural and Anatomical Determinants of Multi electrode Renal Denervation
Presenting Author: Abraham Rami 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 GS R Korea
Presenting Author: Byeong-Keuk Kim

3:25 pm Discussion

3:30 pm TCT 605: Sympathetic renal denervation in patients with refractory arterial hypertension: two year follow up
Presenting Author: Danil Maximkin

3:37 pm Discussion

3:40 pm TCT 607: Optimizing Safety and Efficacy of Lesion Formation for Percutaneous Renal Denervation: Human and Porcine Histological Analysis
Presenting Author: Andrew Sharp

3:47 pm Discussion

3:50 pm - 4:50 pm
Session II: Heart Failure Therapies
Moderators: Bernard J. Gersh, Christopher O’Connor Discussants: Otavio Berwanger, Tomasz Jodzcyk, Scott Lilly, Abdullah Al Shafi Majumder, Bilal S. Mohyedin, Amit N. Patel

3:50 pm TCT 85: Minimally invasive catheter based deactivation of left ventricular device without surgical explantation
Presenting Author: Otavio Berwanger
TCT 86: Cardiac autonomic nerves stimulation improves hemodynamics and clinical status in advanced heart failure patients
Presenting Author: Michael Cuchiara
4:05 PM Discussion

TCT 87: Levoatrial to coronary sinus shunting as a novel strategy for symptomatic heart failure: first in human experience
Presenting Author: Benjamin Hibbert
4:15 PM Discussion

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: Satya Shreenivas
4:30 PM Discussion

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
3:00 PM Session I: Left Atrial Appendage Closure
Moderators: Randall J. Lee, Petr Neuzil
Discussants: Anibal A. Damonte, Marek Grygier, Jamie Kim, Marco G. Mennuni, Thomas Schmitz, Paul Vermeersch
3:00 PM Room 216

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
3:10 PM Discussion

TCT 115: The novel Watchman FLX for left atrial appendage closure. Early European experience.
Presenting Author: Jens Erik Nielsen-Kudsk
3:25 PM Discussion

TCT 116: Peri device leaks following transcatheter left atrial appendage occlusion with the Amplatzer devices: Correlation between cardiac CT and transesophageal echocardiography
Presenting Author: Kasper Korsholm
3:45 PM Discussion

Session II: Acute and Chronic Pulmonary Emboli Therapies
Moderators: Jay S. Giri, Amit Segev
Discussants: Daniel R. Bensimhon, Christopher J. Cooper, Seiichi Hiramori, Maddury Jyotsna, David Planer, Akhilesh K. Sista
4:00 PM Room 215

TCT 117: Novel optical coherence tomography classification of intravascular lesions in patients with chronic thromboembolic pulmonary hypertension treated with balloon pulmonary angioplasty.
Presenting Author: Stanislaw Jankiewicz
4:00 PM TCT 118: Balloon pulmonary angioplasty for segmental and subsegmental thromboembolic lesions in patients with chronic thromboembolic pulmonary hypertension
Presenting Author: Vladimir Losev
4:15 PM Discussion

TCT 119: Reduced Mortality in Severe PE with Ultrasound Assisted Catheter Directed Thrombolysis: A Single Center Experience.
Presenting Author: Shayan Nabavi Nouri
4:40 PM Discussion

TCT 120: Utilization of Percutaneous Thrombectomy in Patients with Massive and Very High risk Submassive Acute Pulmonary Embolism
Presenting Author: Catalin Toma
4:55 PM Discussion

MITRAL AND TRICUSPID VALVE INTERVENTIONS

TCT 89: Right to Left Shunt through Iatrogenic Atrial Septal Defect after MitraClip Procedure
Presenting Author: Arif Albulushi
3:00 PM Session I: Mitral Valve Interventions
Moderators: Saibal Kar, Robert J. Lederman
Discussants: Sukhdeep Singh Basra, Christian Frerker, George Gellert, Jan Harnek, Tamim M. Nazif, Maurice E. Sarano
3:00 PM Room 215
3:00 am - 4:00 pm  Session I: Novel TAVR Data
Moderators: Jorge A. Belardi, Eberhard Grube
Discussants: Tiziana Claudia Aranzulla, Matjaz Bunc, Aakriti Gupta, Simon Cheung-chi Lam, Philip A. MacCarthy, Radoslaw Parma

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: Tamim M. Nazif

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: Tricuspid Valve Interventions
Moderators: Karl-Heinz Kuck, Gilbert H.L. Tang
Discussants: Jörg Hausleiter, Robert J. Lederman, Georg Lutter, G. Burkhard Mackensen, Randolph P. Martin

4:00 pm  TCT 93: Results From the Early Feasibility Study of Cardioband Tricuspid System for Functional Tricuspid Regurgitation
Presenting Author: William A. Gray

4:10 pm  Discussion

4:15 pm  TCT 94: A Radial Force Independent Bioprosthesis for Transcatheter Tricuspid Valve Implantation: First in man Clinical Trial
Presenting Author: Haibo Zhang

4:25 pm  Discussion

4:30 pm  TCT 95: A novel approach to percutaneous removal of Right sided valvular vegetations using suction filtration and venovenous bypass circuit
Presenting Author: Mohammed Khan suheb

4:40 pm  Discussion

4:45 pm  TCT 96: Tricuspid Valve in Valve and Bioprosthetic Surgical Tricuspid and Pulmonic Valve Degeneration: Lessons from Imaging and Histopathology
Presenting Author: Stephanie Sellers

4:55 pm  Discussion

NOVEL TAVR DATA

Novel TAVR Data

- Structural: Valve

WEDNESDAY, SEPTEMBER 25, 2019
3:00 am - 5:00 pm
Room 209-210
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, David Erlinge
Discussants: Jung-Min Ahn, Walter Desmet, Allen Jeremias, Marton J. Kern, Shahar Lavi, Joo Myung Lee

3:00 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: Justin E. Davies

3:10 PM
Discussion

3:15 PM
TCT 106: FFR in non culprits in STEMI: a substudy of the COMPARE ACUTE trial
Presenting Author: Zsolt Piroth

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: Angiography-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

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: Norhiro 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

THURSDAY, SEPTEMBER 26, 2019

8:00 AM - 1:15 PM
Main Arena

8:00 AM
NYPHColumbia University Medical Center New York NY CHIPCTO
Live Case Operators: Michael B. Collins, Dimitri Karmpaliotis, Nicholas J. Lembo, Akiko Maehara, Jeffrey W. Moses, Manish A. Parikh
Case Guest Operators: Antonio Colombo, William Nicholson

8:40 AM
Hadassah Medical Center Hadassah Israel SHD
Live Case Operator: Ronen Beeri, Haim Danenberg, Chaim S. Lotan, David Planer, Mony Shuvy

9:25 AM
TCT Welcome Message

9:25 AM
Welcome Message Video
Lecturers: Juan F. Granada
Moderators: Martin B. Leon, Gregg W. Stone

9:30 AM - 10:15 AM
Special Presentation: "Healthcare, Remixed" by Dr. Zubin Damania (ZDoggMD)
10:30 AM TWILIGHT: A Randomized Trial of Ticagrelor Monotherapy vs. Ticagrelor Plus Aspirin Beginning at 3 Months in High Risk Patients Undergoing PCI
Lecturer: Roxana Mehran

10:42 AM Roundtable Discussion

10:50 AM Onyx ONE: A Randomized Trial of a Durable Polymer Drug Eluting Stent vs. a Polymer Free Drug Coated Stent in Patients at High Risk of Bleeding Treated With 1 Month DAPT
Lecturer: Stephan Windecker

11:02 AM Roundtable Discussion

11:10 AM IDEAL LM: A Randomized Trial of a Bioabsorbable Polymer DES With 4 Month DAPT vs. a Durable Polymer DES With 12 Month DAPT in Patients With Left Main Coronary Artery Disease
Lecturer: Robert-Jan Van Geuns

11:22 AM Roundtable Discussion
LIVE CASE TRANSMISSION THEATER II: THURSDAY, SEPT. 26

2:00 pm - 3:30 pm
Session I: Live Cases — CHIP/CTO
Live Case Moderators: William W. O'Neill
Live Case Co-Moderators: Paul S. Teirstein
Factoid Faculty: Tomo Ando, Davide Cao, Hussein Rahim, Fumiyasu Seike

2:00 pm
NYPHColumbia University Medical Center New York NY
Live Case Operator: Michael B. Collins, Dimitri Karmpaliotis, Nicholas J. Lembo, Akiko Maehara, Manish A. Parikh
Live Case Guest Operators: Antonio Colombo, William Nicholson

2:45 pm
University of Washington Medical Center Seattle WA
Live Case Operator: Danny Dvir, Thomas K. Jones, Kathleen Kearney, William L. Lombardi, Mark Reisman

3:30 pm - 6:00 pm
Session II: Live Cases — SHD
Live Case Moderators: Azeem Latib
Live Case Co-Moderators: Scott Lim
Factoid Faculty: Tomo Ando, Davide Cao, Hussein Rahim, Fumiyasu Seike

3:30 pm
St. Pauls Hospital Vancouver Canada

8:00 am - 10:00 am
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
Lecturer: Stephan Windecker

8:17 am
Choose Whatever You Want Most: Contemporary DES Display Comparable Clinical Performance
Lecturer: David E. Kandzari

8:24 am
Roundtable Discussion With Audience QA

8:32 am - 9:16 am
Session II: DES Design and Clinical Outcomes
Moderators: Salvatore Cassese, Rena Virmani
Discussants: Adnan K. Chhatriwalla, Donald Cutlip, Aloeke Finn, Elvin Kedhi, Junya Shite, Simon J. Walsh

8:32 am
Impact of Stent Design Features on Vascular Healing and Surface Thrombogenicity: What Really Matters
Lecturer: Gregorza L. Kaluz

8:39 am
The Case for Further Reducing Strut Thickness: Technical Challenges and Clinical Benefits
Lecturer: Sripal Bangalore
MITRACLIP STUDIES AND TECHNIQUE

LARGE-BORE ACCESS AND CLOSURE
THURSDAY, SEPTEMBER 26, 2019
10:00 AM - 12:00 PM
Room 156/158

**10:00 am - 11:00 am**
**Session I: Practical Skills in Large-Bore Access**
*Moderators: Adam B. Greenbaum, Tsuyoshi Kaneko*  
*Discussants: Amir Kaki, Jaffar M. Khan, Ashish Pershad, Toby Rogers, Ulrich Schäfer, Rajeev Tayal*

10:00 am  Ultrasound Guided Access: Image Interpretation and Utility
*Lecturer: Mauricio G. Cohen*

10:08 am  Large Bore Vascular Access Site Closure Devices: 2019 and Beyond
*Lecturer: Zvonimir Krajcer*

10:16 am  Roundtable Discussion With Audience QA

10:20 am  Options and Outcomes of Alternative Arterial Access: Carotid Axillary Subclavian Transaortic
*Lecturer: James M. McCabe*

10:28 am  Axillary Access: Technique and Problem Solving
*Lecturer: Rajeev Tayal*

10:36 am  Roundtable Discussion With Audience QA

10:40 am  Transcaval Access: Technique Outcomes and Innovations
*Lecturer: Robert J. Lederman*

10:48 am  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*

---

**10:00 am - 11:10 am**
**PCI PHARMACOTHERAPY: PART 1**
*Coronary: Core*

10:00 am  The Distinct Role of P2Y12 Inhibitors and Aspirin
*Moderators: Marco Valgimigli*  
*Discussants: Dimitrios Alexopoulos, Dominick J. Angiolillo, Usman Baber, Bernard R. Chevalier, Francesco Franchi, David J. Moliterno*

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

10:02 am  Short and Ultrashort DAPT Strategies After Stent Implantation: What Do We Know and Where Are We Going
*Lecturer: Robert A. Byrne*

10:09 am  P2Y12 Inhibitor Monotherapy After PCI: Is It Time

10:09 am  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: Robert C. Welsh*

10:47 am  The Approach to the High Bleeding Risk Patient: The Dos and the Don’ts
*Lecturer: Bernard R. Chevalier*

10:54 am  Roundtable Discussion With Audience QA

11:07 am  Case Resolution: How Did I Treat and What Happened
*Case Presenter: Amit N. Vora*

11:10 am - 12:00 pm
**Alternative Strategies for Secondary Prevention After PCI: Role of Lipid Management, Inflammation, and More**
**INTRAVASCULAR IMAGING STENT GUIDANCE: PART 1 — THE BASICS**

Intravascular Imaging Stent Guidance: Part 1 — The Basics

**Coronary: Core**

**THURSDAY, SEPTEMBER 26, 2019**

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

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Lecturer</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:00</td>
<td><strong>Step by Step IVUS: From Pre Intervention Through Stent Optimization to Assessment of Complications</strong></td>
<td>Andrew Sharp</td>
</tr>
<tr>
<td>2:15</td>
<td><strong>Step by Step OCT: From Pre Intervention Through Stent Optimization to Assessment of Complications</strong></td>
<td>Richard Shlofmitz</td>
</tr>
<tr>
<td>2:30</td>
<td><strong>Is NIRS Guided Stent Implantation Ready for Clinical Use</strong></td>
<td>Ryan D. Madder</td>
</tr>
<tr>
<td>2:38</td>
<td><strong>IVUS vs. OCT: What to Use When</strong></td>
<td>Gary S. Mintz</td>
</tr>
<tr>
<td>2:48</td>
<td><strong>Does Intravascular Imaging IVUS OCT Improve Patient Outcomes From Data and Experience</strong></td>
<td>Junjie Zhang</td>
</tr>
</tbody>
</table>

**LEFT ATRIAL APPENDAGE CLOSURE: PART 1 — LAA CLOSURE: CURRENT STATUS AND FUTURE DIRECTIONS**

Left Atrial Appendage Closure: Part 1 — LAA Closure: Current Status and Future Directions

**Structural: Non-Valve**

**THURSDAY, SEPTEMBER 26, 2019**

2:00 PM - 4:00 PM
Room 156/158

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Lecturer</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:00</td>
<td><strong>Patient Selection for LAA Closure: Risk Prediction Beyond CHA2DS2VASc and HAS BLED</strong></td>
<td>Edip Gurrol</td>
</tr>
<tr>
<td>2:10</td>
<td><strong>LAA Closure vs. NOACs: Pros and Cons PRAGUE 17 and Additional Trials</strong></td>
<td>Vivek Y. Reddy</td>
</tr>
<tr>
<td>2:28</td>
<td><strong>WATCHMAN: Device Characteristics Procedural Technique Clinical Outcomes Ongoing Studies and Evolution to WATCHMAN FLX</strong></td>
<td>Junjie Zhang</td>
</tr>
</tbody>
</table>
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 - 2:15 PM
**Session I: TAVR in Low Surgical Risk Patients**
Moderators: Robert O. Bonow, Michael J. Mack
Discussants: G. Michael Deeb, Robert A. Guyton, Neal S. Kleiman, Allan Schwartz, Thomas Walthier, Stephan Windecker

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

2:15 PM Roundtable Discussion with Audience QA

---

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 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
Case Presenter: Steven J. Yakubov

2:50 PM Roundtable Discussion with Audience QA
TAVR in Moderate AS With Heart Failure
3:40 PM  Case Presentation Rationale and UNLOAD Trial Updates
   Lecturer: Nicolas M. Van Mieghem
3:48 PM  Roundtable Discussion with Audience QA

TAVR for Severe AR In the Right Patients
3:50 PM  Case Presentation Evolving Technology and Clinical Trial Status
   Lecturer: Torsten P. Vahl
3:58 PM  Roundtable Discussion with Audience QA

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. KapadiaDiscussants: Michael Haude, Alexandra J. Lansky, Jonathon A. Leipsic, Axel Linke, Molly Szerlip, Jochen Wohrle

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

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

5:18 PM  Roundtable Discussion with Audience QA

5:20 PM
Session IV: TAVR “Real-World Complex Case Scenarios” — Clinical Corner

5:20 PM  TAVR in a Small Aortic Annulus: Case Presentation and Management Strategies
   Lecturer: Itshac Itsik Ben-dor
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 ModerateSevere 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
6:07 PM  Roundtable Discussion with Audience QA

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 - 2:44 PM
Session I: Non-LM Bifurcation PCI — Understand the Lesion
Moderators: Goran Stankovic, Leif ThuesenDiscussants: 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
THURSDAY, SEPTEMBER 26, 2019
4:00 PM - 6:00 PM
Room 152/154

4:00 PM Session I: Coronary Physiology Assessment in Challenging Patient Subsets
Moderators: William F. Fearon, Morton J. Kern
Discussants: Colin Berry, Tom J. Ford, Sukhjinder Singh Nijjer, Bruce Samuels, Rajesh V. Swaminathan, Jennifer A. Tremmel

4:00 PM Pathophysiology of the Coronary Circulation in STEMI and NSTEMI
Lecturer: William F. Fearon

4:07 PM Case 1: A Patient With STEMI and Multivessel Disease
Case Presenter: Colin Berry

4:11 PM Roundtable Discussion With Audience QA

4:16 PM Pre TAVR Coronary Physiology in Patients With Severe Aortic Stenosis: Are the Results Valid
Lecturer: Sukhjinder Singh Nijjer

4:23 PM Is There a Role for Coronary Physiology in Patients Referred for CABG
Lecturer: Petr Kala

4:30 PM Roundtable Discussion With Audience QA

4:35 PM Utility of Coronary Physiology Assessment in the Asymptomatic Patient
Lecturer: Stephane Fournier

4:42 PM Value of Assessing Microvascular Function: Core Findings From CorMica and Other Studies
Lecturer: Tom J. Ford

4:49 PM Case 2: How Microcirculatory Function Testing Changed My Management in a Patient Without Significant CAD
Case Presenter: Bruce Samuels

4:54 PM Roundtable Discussion With Audience QA

5:00 PM Session II: Coronary Physiology in Challenging Anatomic Subsets
Moderators: Allen Jeremias, Habib Samady
Discussants: Jung-Min Ahn, Rasha Al-Lamee, John McB. Hodgson, Arnold Seto, Evan Shlofmitz, Andy S. Yong

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: Jennifer A. Tremmel

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 Coronary Physiology During Exercise: Lessons for Interpreting the Results of ORBITA

PHYSIOLOGIC LESION ASSESSMENT AND INTERVENTIONAL PLANNING: PART 1 — CURRENT CONTROVERSIES IN CORONARY PHYSIOLOGY

Physiologic Lesion Assessment and Interventional Planning: Part 1 — Current Controversies in Coronary Physiology

Coronary: Core
PULMONARY HYPERTENSION AND ACUTE AND CHRONIC PULMONARY EMBOLI THERAPIES: PART 1

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

**Vascular**

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

**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: Jay S. Giri

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 CARDIogensIC 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 Woman's Perspective: Minoca SCAD Takotsubo etc.
Lecturer: Jacqueline Saw

4:14 PM Get With the Guidelines: Delay 120 min. ED Bypass Registries Public Reporting etc.

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: Novin K. Kapur

4:52 PM Roundtable Discussion With Audience QA

5:00 PM - 6:00 PM
**Session II: STEMI Controversies**
Moderators: Cindy L. Grines, Pieter C. Smits
Discussants: George D. Dangas, Anthony H. Gershlick, Sanjit S. Jolly, Tanveer Rab, Shigeru Saito, Binita Shah
5:00 - 5:07 PM  
**Debate 1: The Hub and Spoke Model for STEMI Cardiogenic Shock**  
Cardiac Arrest  
Pro: The Only Way to Go  
Lecturer: Tanveer Rab  
Con: The Battle Is Won at the Front Line  
Lecturer: William J. French

5:14 - 5:19 PM  
**Roundtable Discussion With Audience QA**

5:19 - 5:27 PM  
**Complete Revascularization in STEMI with MVD Without Shock: Is the Story COMPLETE**  
Lecturer: Shamir R. Mehta

5:27 - 5:33 PM  
**Debate 2: Complete Revascularization in STEMI With MVD and Shock**  
5:27 - 5:33 PM  
Infarct Artery PCI Only: CULPRIT Shock Provides the Answer  
Lecturer: Holger Thiele  
5:33 - 5:39 PM  
Not So Fast: There Is So Much More to Learn  
Lecturer: Pieter C. Smits

5:39 - 5:44 PM  
**Roundtable Discussion With Audience QA**

5:44 - 5:49 PM  
**Debate 3: What to Do With SCAD**  
5:44 - 5:49 PM  
Case Presentation: A SCAD I Wish I Would Have Fixed  
Case Presenter: David A. Cox  
Case Presentation: A SCAD I Wish I Would Have Left Alone  
Case Presenter: Jacqueline Saw

5:49 - 5:54 PM  
**Roundtable Discussion With Audience QA**

---

**TCT INNOVATION III: TCT SHARK TANK INNOVATION COMPETITION**

**TCT Innovation III: TCT Shark Tank Innovation Competition**  
Innovation  
THURSDAY, SEPTEMBER 26, 2019  
8:00 AM - 12:00 PM  
Innovation & Keynote Theater

8:00 AM - 12:00 PM  
**TCT Shark Tank Innovation Competition**  
Moderators: Louis Aaron Cannon, Juan F. Granada  
Judges: Milena Adamian, Daniel Burkhoff, Andrew Cleeland, Peter J.J. Fitzgerald, Frank Ltvack, Stanton J. Rowe, Robert S. Schwartz, Mark A. Turco, Paul G. Yock

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: Murali Padala

8:28 AM  
**Sharks Moderated QA**

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

8:48 AM  
**Sharks Moderated QA**

8:58 AM  
**Rapid Noninvasive Diagnostics for Aortic Stenosis and Heart Failure Avicena Vivo**  
Lecturer: Marie Csete

9:08 AM  
**Sharks Moderated QA**

9:18 AM  
**Restoring Damaged Arteries With Regenerative Stents**  
STENTiT  
Lecturer: Maria Sol Cabrera

9:28 AM  
**Sharks Moderated QA**

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

9:48 AM  
**Sharks Moderated QA**

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**

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

10:28 AM  
**Sharks Moderated QA**

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**
TCT INNOVATION IV: GLOBAL PERSPECTIVES IN MEDTECH INNOVATION II AND DIGITAL HEALTHCARE

TCT Innovation IV: Global Perspectives in MedTech Innovation II and Digital Healthcare
Innovation

THURSDAY, SEPTEMBER 26, 2019
2:00 PM - 5:00 PM
Innovation & Keynote Theater

2:00 PM - 2:57 PM
Global Perspectives in MedTech Innovation II

Session XI: Future Directions and Challenges in the MedTech Field
Moderators: Peter J.J. Fitzgerald, Marvin J. Slepian
Discussants: Milena Adamian, Ori Ben-Yehuda, Yuval Binur, Jay S. Giri, David F. Kong, Frank Litvack

2:00 PM Featured Lecture: Clinical Validation of Emerging Technologies In Which Direction Is the Global Landscape Changing
Lecturer: David F. Kong

The Next Big Thing
2:08 PM Poly Genetic Risk Analysis Big Data Analytics and Disease Prediction Models
Lecturer: Robert M. Califf
2:16 PM Smart Medical Devices: Technological Trends That Will Revolutionize the Medical Field
Lecturer: Marvin J. Slepian
2:24 PM Moderated Discussion
2:30 PM Featured Technology: Miniaturization of Medical Devices Through High Definition Manufacturing: A Precision Micro Device Ablation Technology
Lecturer: Christian Gastón Palmaz
2:35 PM Global Digitalization of Healthcare: The Emerging Field of Cyber Security
Lecturer: Peter J.J. Fitzgerald
2:43 PM Featured Technology: Real World Evidence Generation Technology Using Artificial Intelligence and Deep Learning to Predict Disease Risk and Efficacy of Therapy HOLMUSK
Lecturer: Joydeep Sarkar
2:49 PM Moderated Panel Discussion

2:57 PM - 4:12 PM
Digital Healthcare and Advanced Data Analytics
Moderators: Peter J.J. Fitzgerald, Jay S. Giri
Discussants: Annapoorna Kini, Pavel Overtchouk, Partha Sardar, Joydeep Sarkar, Marvin J. Slepian, Jeroen Tas

2:57 PM Session XII: Digital Hospital Systems and Healthcare Delivery
2:57 PM Keynote Lecture: Connected Health and Integrated Care Towards New Models for Chronic Disease Management
Lecturer: C. Michael Gibson

Featured Fascinating Lectures
3:07 PM Digital Transformation of Cardiac Catheterization: The Time Is Here An Enterprise Wide Solution to Seamlessly Integrate Evidence Based Digital Medicine Tools
Lecturer: Annapoorna Kini
3:14 PM Applications of Blockchain in Interventional Cardiology
Lecturer: Partha Sardar
3:21 PM Featured Technological Healthcare Delivery Examples from a Military Based Medical Innovation Development Platform
Lecturer: Ariel Furer
3:28 PM Moderated Panel Discussion

3:36 PM Session XIII: Machine Learning and Disease Risk Prediction Models
3:36 PM Fascinating Lecture: Use of Artificial Intelligence to Develop Cardiac Risk Score for Predicting CAD in the Next 7 Years
Lecturer: Shiv Kumar
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
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 vs. STSACC TVT Score to Predict Mortality After Transcatheter Aortic Valve Replacement
Lecturer: Pavel Overtchouk
4:04 PM  Moderated Panel Discussion

4:12 PM - 5:00 PM
Session XIV: Wearables, Physiologic Monitoring, and Data Sharing
Moderators: Robert A. Harrington, Chaim S. Lotan
Discussants: William T. Abraham, Peter Carson, Neal L. Eigler, David R. Holmes Jr., Issam D. Moussa, Marvin J. Slepian

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

4:22 PM  Featured Technological Trends
4:22 PM  A First in Human Multicenter Open Label Prospective Study to Evaluate the Safety Usability and Performance of the V Lap System
Lecturer: William T. Abraham

4:29 PM  How the Use of Noninvasive Cardiac Output Measurement Can Could Help You Manage Your Heart Failure Patient Vital Metrix
Lecturer: James Thomas Heywood

4:36 PM  Wearable Device for Continuous Noninvasive Monitoring of Vascular Access Health and Fluid Status in Hemodialysis Patients GraftWorx
Lecturer: William A. Gray

4:43 PM  Advance Warning of Acute Coronary Syndrome Events AngelMed: Getting to the Church on Time
Lecturer: David R. Holmes Jr.

4:50 PM  Moderated Panel Discussion

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

FDA Town Hall Meeting Part 1: Goals for 2019/2020
Innovation

THURSDAY, SEPTEMBER 26, 2019
2:00 PM - 5:35 PM
Room 205-206

2:00 PM - 3:15 PM
Session I: CDRH/FDA Evolution — Focus on Total Product Life
Moderators: Gregg W. Stone, Bram D. Zuckerman
Discussants: Lori M. Ashby, Todd J. Brinton, Robert M. Califf, David E. Kandzari, Aaron V. Kaplan, Mitchell W. Krucoff, William H. Maisel, Roxana Mehran, Ian T. Meredith, Sean Salmon, Chuck Simonton

2:00 PM  Keynote Lecture: FDACDRH The Year in Review Focus on CDRHs Total Product Life Cycle Concept
Lecturer: William H. Maisel

2:15 PM  Keynote Lecture: New Technology Assessment and Reimbursement Synergy Forward Strides
Lecturer: Lori M. Ashby

2:30 PM  Keynote Lecture: A Vision for an Evolving Regulatory and Healthcare System
Lecturer: Robert M. Califf

2:45 PM  Roundtable Discussion With Audience QA Featuring Provocative Thoughts From:
2:45 PM  FDA Discussant: Bram D. Zuckerman
2:45 PM  Industry Discussant: Todd J. Brinton Ian T. Meredith Sean Salmon
2:45 PM  Physician Device Developers Discussant: Aaron V. Kaplan
2:45 PM  Clinician Investigators Discussant: David E. Kandzari Mitchell W. Krucoff Roxana Mehran

3:15 PM - 4:10 PM
Session II: Special Programs — Update on Early Feasibility and First-In-Human Studies
Moderators: Andrew Farb, Martin B. Leon
Discussants: Lauren S. Baker, Juan F. Granada, Mayra Guerrero, Chip Hance, Aaron V. Kaplan, Michael J. Mack, Neil E. Moat, Semih Oktay, Chuck Simonton, Jaime Walkowiak, Changfu Wu

3:15 PM  The US EFS and Breakthrough Devices Programs: An FDA Update
Lecturer: Andrew Farb

3:25 PM  Promoting Innovation Through EFS: MDIC Perspectives
Lecturer: Chip Hance

3:32 PM  From EFS to Pivotal Trial: Bridging the Gap and Lessons Learned
Lecturer: A. Pieter Kappetein

3:39 PM  Industrys Perspectives on the US and Non US EFS Landscape
Lecturer: Neil E. Moat

3:46 PM  Roundtable Discussion With Audience QA

4:10 PM - 5:35 PM
Session III: Safety Signal Detection and Response Case Example — Paclitaxel-Coated Devices for Femoropopliteal Disease
Moderators: Mitchell W. Krucoff, Eleni Whatley

4:10 PM  New Insights From Our Meta Analysis of Paclitaxel Coated Device Randomized Trials for SFA Disease And the Response It Has Generated
Lecturer: Konstantinos Katsanos

4:18 PM  Paclitaxel Coated Devices for SFA Disease: An Independent Patient Level Meta Analysis and Other Emerging Data
Lecturer: Krishna J. Rocha-Singh

4:26 PM  Is Paclitaxel Related Mortality From SFA Drug Eluting Technologies Biologically Plausible
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

Structural: Valve
Structural: Non-Valve

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: João L. Cavalcante, Abdellaziz Dahou, Nishath Quader, William A. Zoghbi

8:00 AM  Echocardiographic Imaging of the Tricuspid Valve: Tips and Tricks
Lecturer: Rebecca T. Hahn

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: Azeem Latib

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: Stephen H. Little, Philippe Pibarot, William A. Zoghbi

9:00 AM  Deciphering Discordant Measures of Aortic Stenosis

Lecturer: Philippe Pibarot
9:10 AM  Assessment of Transcatheter Aortic Valve Area
Lecturer: Omar K. Khalique
9:20 AM  Assessment of Transcatheter Aortic Valve Regurgitation: Guidelines and Beyond
Lecturer: William A. Zoghbi
9:30 AM  A Unified Definition of Structural Valve Dysfunction
Lecturer: Philippe Pibarot
9:40 AM  New Approved and Investigational TAVR Devices
Lecturer: Nadira Hamid
9:50 AM  Roundtable Discussion With Audience QA

10:00 AM - 11:00 AM
Session III: Transcatheter Mitral Valve Interventions
Moderators: Nishath Quader, Muhamed Saric
Discussants: Nadira Hamid, Konstantinos P. Koulogiannis, James Lee, Stamatios Lerakis, Stephen H. Little, Alan Vainrib

10:00 AM  Choosing the Appropriate Patient for Edge to Edge Repair
Lecturer: Stephen H. Little

10:10 AM  Defining Mitral Edge to Edge Repair Procedural Success
Lecturer: Federico M. Asch

10:20 AM  Avoiding Complications for Mitral Valve in Valve and Valve in MAC
Lecturer: Victoria Delgado

10:30 AM  Case Based Learning: Paravalvular Mitral Prosthetic Regurgitation
Case Presenter: Nishath Quader

10:40 AM  Rapid Fire Review of Transcatheter Mitral Valve Devices
Lecturer: Konstantinos P. Koulogiannis

10:50 AM  Roundtable Discussion With Audience QA

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)
Coronary: Core
Coronary: CHIP

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 Jiao, Chunguang Qiu, Tanveer Rab, Imad Shelban, Fei Ye
HARMONIZATION BY DOING: NEW HORIZONS IN JAPAN-US SYNERGIES

Harmonization by Doing: New Horizons in Japan-US Synergies

Innovation

THURSDAY, SEPTEMBER 26, 2019
9:00 am - 5:15 pm
Room 216

9:00 am - 9:30 am
Plenary Session: Pathways of Japan-USA Device Innovation Synergies
Moderator: Neal Fearnott, Fumiaki Ikeno

9:00 am
Introduction to HBD and US Japanese Collaborations Past Present
Future
Lecturer: Mitchell W. Krucoff

9:15 am
New Horizons for Innovation: Japanese Regulatory Initiatives
Lecturer: Fumihito Takanashi

9:30 am - 10:45 am
Session I: Real-World Evidence for Regulatory Science — How Are We “Doing”? Moderators: Daniel Canos, Chie IwaishiDiscussants: Tetsuya Amano, David Erlinge, Masahiko Fujihara, David F. Kong, Hanako Morikawa

9:30 am
Real World Evidence in Japan: Practical Considerations for Data Collection and Use
Lecturer: Masahiko Fujihara

9:40 am
What Has the US Learned From Collecting and Using Real World Evidence So Far
Lecturer: Daniel Canos

9:50 am
Japanese Regulatory Efforts to Promote and Accept Real World Evidence
Lecturer: Hanako Morikawa

10:00 am
Special Panel on Registry Based Prospective Randomized Trials: A Global View
Panelist: Tetsuya Amano, David Erlinge, David F. Kong

10:05 am
USA View
Lecturer: David F. Kong

10:10 am
Japan View
Lecturer: Tetsuya Amano

10:15 am
Sweden View
Lecturer: David Erlinge

10:45 am
Panel Discussion: Priorities for Pragmatic Progress What Do We Need to Do

10:45 am - 11:00 am
Break

11:00 am - 12:30 pm
Session II: Safety Signal Discernment With Paclitaxel Devices for PAD — From RCT and RWE to the Totality of the Data as a Global Challenge for “Doing”
Moderators: Hiroyoshi Yokoi, Bram D. ZuckermanDiscussants: Masato Nakamura, Roseann M. White

11:00 am
Moving From Signal Detection to Signal Discrimination: An FDA View
Lecturer: Eleni Whatley

11:15 am
Statistical Considerations: Competing Risk Pooling Data RCT vs. Observational Data
Lecturer: Roseann M. White

11:30 AM  Safety of PTX Devices for PAD in Japan: Academic View
Lecturer: Masato Nakamura

11:45 AM  Panel Discussion: Pathways Forward and Next Steps for Doing

12:30 PM - 1:30 PM  Break for Lunch

1:30 PM - 2:25 PM  
Session III: HBD for Children
Moderators: Nicole Ibrahim, Satoshi YasukochiDiscussants: Sung-Hae Kim, Kazuaki Sekiguchi, Sara Takahashi

1:30 PM  Introduction and Prospect of the HBD for Children Activities
Lecturer: Nicole Ibrahim

1:40 PM  Current Approach to Promote Development of Pediatric Medical Devices in the US and Japan
Lecturer: Sara Takahashi

1:50 PM  Expectation For Utilizing Registry Data For Regulatory Use
Industrys View
Lecturer: Kazuaki Sekiguchi

2:00 PM  Expectation For Utilizing Registry Data for Regulatory Use
Industrys View
Lecturer: Sung-Hae Kim

2:10 PM  Panel Discussion

2:25 PM - 4:00 PM  Session IV: Japan-USA Global Clinical Trials, Including Early Feasibility Studies — What Are We “Doing”?
Moderators: Neal Fearnot, Takahiro UchidaDiscussants: Fumiaki Ikeno, Hiren Mistry, Robert J. Thatcher, Daiki Yasuhara, Hiroyoshi Yokoi, Mitsuru Yuba

2:25 PM  The Basic Regulation Pathway For a Clinical Trial in Japan Compared to US Regulation
Lecturer: Mitsuru Yuba

2:35 PM  The Basic Regulation Pathway For an Early Feasibility Study in the US
Lecturer: Hiren Mistry

2:45 PM  Experience on the Global Clinical Trial Japanese Industrys View
Lecturer: Daiki Yasuhara

2:55 PM  Experience on the Early Feasibility Study US Industrys View
Lecturer: Robert J. Thatcher

3:05 PM  Panel Discussion

4:00 PM - 5:15 PM  Session V: PCI in the High Bleeding Risk (HBR) Population
Moderators: Fumiaki Ikeno, Hans-Peter StollDiscussants: Junya Ako, Ken Kozuma, Masato Nakamura

4:00 PM  ARC Definition of High Bleeding Risk: Global Impact on HBR PCI Clinical Studies
Lecturer: Hans-Peter Stoll

4:10 PM  PCI for HBD Patients in Japan: Current Clinical Treatment and Post Market Treatment

Lecturer: Junya Ako

4:20 PM  Study Design Considerations for HBR Patients and DES Platforms:
FDA View
Lecturer: Adrian Magee

4:30 PM  Study Design Considerations for HBR Patients in Japan
Lecturer: Yasuko Nakamura

4:40 PM  Panel Discussion: Are We Ready for Global HBR Studies

SCAI ELM

SCAI ELM Class & Program
ELM Class: Mohamad Adnan Alkhouri, Suzanne J. Baron, Megan Coylesswright, Marvin H. Eng, Perwaiz M. Meraj, Brian Morray, Tomim M. Nazif, Eric A. Osborn, Shyam Sathanandan, Stephen W. Waldo, Sarah Zaman, David Zidar

2:00 PM - 6:00 PM  
THURSDAY, SEPTEMBER 26, 2019
Room 211

2:00 PM  Team Building in Cardiovascular Medicine
Discussant: Matthew J. Daniels, Dmitriy N. Feldman

2:10 PM  Coronary Heart Team

2:10 PM  Presentation of Case Study
Case Presenter: Eric A. Osborn

2:15 PM  Coronary Heart Team: Cardiology Perspective
Lecturer: Timothy D. Henry

2:35 PM  Coronary Heart Team: Surgery Perspective
Lecturer: Kendra J. Grubb

2:55 PM  Roundtable Discussion With Audience QA

3:15 PM  Valve Heart Team
Moderators: George D. Dangas, Matthew J. DanielsDiscussants: Vinayak N. Bapat, Mauricio G. Cohen, Martyn R. Thomas, Dee Dee Wang

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

3:20 PM  TAVI: The Heart Team IC Perspective
Lecturer: Martyn R. Thomas
TAVI: The Heart Team Surgery Perspective  
Lecturer: Vinayak N. Bapat  
3:35 PM

TAVI: The Heart Team Imaging Perspective  
Lecturer: Dee Dee Wang  
3:50 PM

Roundtable Discussion With Audience QA  
4:05 PM

4:25 PM  
Break

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

4:35 PM  
Presentation of Case Study  
Case Presenter: Andrew J. Klein

4:40 PM  
Neurovascular Team: IC Perspective  
Lecturer: Lawrence A. Garcia

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  
Conclusion  
Discussant: Matthew J. Daniels, Dmitriy N. Feldman

Japan Endovascular Treatment (JET) @ TCT

Japan Endovascular Treatment (JET) @ TCT  
Vascular

THURSDAY, SEPTEMBER 26, 2019
2:30 PM - 3:30 PM  
Presentation Theater 2

2:30 PM - 3:30 PM  
Japan Endovascular Treatment (JET) @ TCT  
Moderators: Osamu Iida, Masato Nakamura  
Discussants: Masahiko Fujihara, Lawrence A. Garcia, Daizo Kawasaki, Tatsuya Nakama, Sahil A. Parikh, Yoshimitsu Saga

2:30 PM  
Introduction  
Lecturer: Masato Nakamura

2:31 PM  
Intravascular Ultrasound Supported Endovascular Therapy in SFA Disease: 12 Month Results From the IVORY Study

3:35 PM  
Mortality Risk Following Application of Paclitaxel Coated Devices in Femoropopliteal Lesion: Results From the CAROOT Study  
Lecturer: Yoshimitsu Saga

2:45 PM  
Roundtable Discussion With Audience QA

2:50 PM  
New Crossing Techniques for Complex Femoropopliteal Disease  
Lecturer: Makoto Utsunomiya

2:57 PM  
New Crossing Techniques for Complex Below the Knee Disease  
Lecturer: Tatsuya Nakama

3:04 PM  
Roundtable Discussion With Audience QA

3:09 PM  
Optimal Vessel Preparation Evaluated by Multimodality Imaging: Results From IGNITE  
Lecturer: Masahiko Fujihara

3:16 PM  
1 Year Late Lumen Loss With a Polymer Coated Paclitaxel Eluting Stent and a Polymer Free Paclitaxel Coated Stent for Femoropopliteal Disease: Study Results  
Lecturer: Daizo Kawasaki

3:23 PM  
Roundtable Discussion With Audience QA

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

OCT Guiding in In-Stent Restenosis (ISR), Presented by the Nordic-Baltic-British Study Group for Interventional Cardiology  
Coronary: CoreCoronary: CHIP

THURSDAY, SEPTEMBER 26, 2019
4:00 PM - 5:25 PM  
Room 203

4:00 PM - 5:25 PM  
International Session: OCT Guiding in In-Stent Restenosis (ISR)  
Moderators: Evald H. Christiansen, Simon J. Walsh  
Discussants: Andrejs Erglis, Niels R. Holm, 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  
Roundtable Discussion With Audience QA

4:12 PM  
Case 2: ISR Requires Stepwise OCT Guiding  
Case Presenter: Jacob Odenstedt

4:19 PM  
Roundtable Discussion With Audience QA
INTERNATIONAL COMPLEX CASE SESSION I: FEATURED STRUCTURAL HEART DISEASE CASES

International Complex Case Session I: Featured Structural Heart Disease Cases

Structural: Non-Valve Structural: Valve

THURSDAY, SEPTEMBER 26, 2019
8:30 AM - 10:30 AM
Presentation Theater 1

8:30 AM - 10:30 AM
Featured Structural Heart Disease Cases
Moderators: David W.M. Muller, Wojtek Wojakowski
Discussants: Mohamed Karim Abdelghany, Wacin Buddhari, Habib Gamra, Armando Mangioni, Rogerio Sarmento-Leite, Wei-Hsian Yin

8:30 AM
Introduction
Lecturer: David W.M. Muller

8:35 AM
Slovenia Presents: VIV Treatment of Degenerated Bio Bentall With TAVI
Case Presenter: Matjaz Bunc

8:45 AM
Roundtable Discussion With Audience QA

8:53 AM
Argentina Presents: Percutaneous Transcatheter Closure of Prosthetic Mitral Paravalvular Leak

INTERNATIONAL COMPLEX CASE SESSION II: FEATURED COMPLEX CORONARY CASES

International Complex Case Session II: Featured Complex Coronary Cases
Coronary: Core
Coronary: CHIP

THURSDAY, SEPTEMBER 26, 2019
2:30 PM - 4:00 PM
Presentation Theater 1

2:30 PM - 4:00 PM
Featured Complex Coronary Cases
Moderators: Khalid A. Al Faraidy, Jose L. Leiva-Pons
Discussants: Alejandro Goldsmit, Ben Hamda Khaldoun, Marin Postu, Carlos E. Uribe

2:30 PM
Introduction
Lecturer: Khalid A. Al Faraidy

2:35 PM
Colombia Presents: Aortic Valve Trauma as a Complication in Young Patient With Spontaneous Coronary Dissection
Case Presenter: Jorge Villegas

2:45 PM
Roundtable Discussion With Audience QA

2:50 PM
Germany Presents: Ostium Occlusion of Right Coronary Artery Complex Retrograde Recanalization With Rotablation
INTERNATIONAL COMPLEX CASE SESSION III: FEATURED STRUCTURAL HEART DISEASE CASES

International Complex Case Session III: Featured Structural Heart Disease Cases

Structural: Non-Valve Structural: Valve

THURSDAY, SEPTEMBER 26, 2019
4:00 AM - 5:30 AM
Presentation Theater 1

4:00 AM - 5:30 AM
Featured Structural Heart Disease Cases
Moderators: Oscar A. Mendiz, Armando Perez de Prado
Discussants: Kurt Huber, Marco A. Perin, Henrique B. Ribeiro, Ramiro Trillo

4:00 AM
Introduction
Lecturer: Armando Perez de Prado

4:05 AM
Indonesia Presents: Transcatheter Mitral Valve in Ring Using MyVal for Treatment of Severe Mitral Regurgitation After Failed Surgical Ring Annuloplasty
Case Presenter: Teguh Santoso

4:15 AM
Roundtable Discussion With Audience QA

4:20 AM
Argentina Presents: Is TAVR an Option for Patients With Bicuspid Aortic Stenosis and Aortic Root Dilatation
Case Presenter: Anibal A. Damonte

4:30 AM
Roundtable Discussion With Audience QA

4:35 AM
Portugal Presents: Percutaneous Treatment of Aortic Dissection and Rupture During a Transcatheter Aortic Valve Implantation Procedure
Case Presenter: Pedro De Araujo Goncalves

4:45 AM
Roundtable Discussion With Audience QA

4:50 AM
Hong Kong Presents: What Is the Cause of Total LV Failure
Case Presenter: Michael Kang-Yin Lee

5:00 AM
Roundtable Discussion With Audience QA

5:05 AM
Case Presenter: Matjaz Bunc

5:15 AM
Roundtable Discussion With Audience QA

5:20 AM
Final Thoughts
Lecturer: Oscar A. Mendiz

CONTROVERSIES IN SFA INTERVENTION
(SPONSORED BY CRF; SUPPORTED BY MEDTRONIC AND WL GORE & ASSOCIATES)

THURSDAY, SEPTEMBER 26, 2019
6:30 AM - 7:45 AM
Room 209-210
Faculty: Ehrin J. Armstrong, Juan F. Granada, Konstantinos Katsanos, Mehdi H. Shishehbor, Frank J. Veith
Chairs: Michael R. Jaff, Sahil A. Parikh

6:30 AM - 6:45 AM
Check-In and Breakfast

6:45 AM - 7:45 AM
Controversies in SFA Intervention
Faculty: Ehrin J. Armstrong, Brian G. DeRubertis, Juan F. Granada, William A. Gray, Konstantinos Katsanos, Mehdi H. Shishehbor
Chairs: Michael R. Jaff, Sahil A. Parikh

6:45 AM
Introduction and Session Objectives
Lecturer: Sahil A. Parikh
6:47 AM  State of the Art Lecture: Novel Drug Delivery Technologies for the SFA  
Lecturer: Juan F. Granada

6:56 AM  Long Segment SFA CTO in a Claudicant  
Lecturer: Brian G. DeRubertis

7:02 AM  Deciphering the FDA Guidance  
Lecturer: Mehdi H. Shishehbor

7:09 AM  There Are No Circumstances in Which I Have to Use DCBDES  
Lecturer: Konstantinos Katsanos

7:16 AM  Circumstances in Which I Feel That I Have to Use DCBDES  
Lecturer: Ehrin J. Armstrong

7:24 AM  Emerging Drug Free Platforms for the SFA: Can We Do Better Off Drugs  
Lecturer: William A. Gray

7:31 AM  Moderated Discussion: SFA Treatment Algorithms in 2019 and Beyond

---

THURSDAY, SEPTEMBER 26, 2019

6:30 AM - 7:45 AM  
Room 211

Innovative Approaches to PCI: Tools to Support Your Patient Care (Sponsored by ACIST Medical Systems)

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

6:45 AM - 7:45 AM  
Innovative Approaches to PCI: Tools to Support Your Patient Care  
Faculty: Joost Daemen, Michael J. Lim, Matthew J. Price, Adam Stys  
Chairs: Morton J. Kern

6:45 AM  Introduction  
Presenter: Morton J. Kern

6:50 AM  Current Practices and Best Approaches for Best Outcomes in the Cath Lab  
Presenter: Michael J. Lim

7:00 AM  Low Contrast PCI Protocol: Optimizing the ACIST CVi  
Presenter: Adam Stys

7:10 AM  Diagnostic Accuracy of Diastolic Pressure Ratio dPR using a Fiber Optic Microcatheter  
Presenter: Matthew J. Price

7:20 AM  FFR guided Optimization Directed by HD IVUS: Insights into the Randomized FFR REACT Trial  
Presenter: Joost Daemen

7:30 AM  QA Discussion and Closing  
Moderators: Morton J. Kern  
Discussants: Joost Daemen, Michael J. Lim, Matthew J. Price, Adam Stys

---

INTRAORTIC BALLOON COUNTERPULSATION FOR PERCUTANEOUS AORTIC VALVE OR COMPLEX PCI PROCEDURES: AWARD-WINNING CASE PRESENTATIONS (ORGANIZED BY CRF; SPONSORED BY GETINGE GROUP)

THURSDAY, SEPTEMBER 26, 2019

6:30 AM - 7:45 AM  
Room 201-202

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

6:45 AM - 7:45 AM  
Intraaortic Balloon Counterpulsation for Percutaneous Aortic Valve or Complex PCI Procedures: Award-Winning Case Presentations  
Faculty: Tamer Elashkar, Daniel Heikali, Kartik Telukuntla  
Chairs: Tayo A. Addo, George D. Dangas, Jose M. Wiley

6:45 AM  Ventricular Septal Rupture Post Myocardial Infarction: Transcatheter Device Closure Assisted With Intra Aortic Balloon Pump  
Case Presenter: Tamer Elashkar

7:00 AM  QA Session

7:05 AM  Ecstasy at a Party: From Party Balloons to Balloon Counterpulsation and Balloon Angioplasty  
Case Presenter: Daniel Heikali

7:20 AM  QA Session

7:25 AM  End Stage AL Amyloidosis: Bridging With Counterpulsation Therapy in the Modern Heart Transplantation Era  
Case Presenter: Kartik Telukuntla

7:40 AM  QA Session

---

KEEPING THE RHYTHM WITH THE TEMPO® LEAD: SAFETY, STABILITY, AND COST-EFFECTIVENESS FOR TAVR AND OTHER CARDIAC PROCEDURES (SPONSORED BY BIOTRACE MEDICAL)

THURSDAY, SEPTEMBER 26, 2019

6:30 AM - 7:45 AM  
Room 207
NEW PERSPECTIVES ON THE TREATMENT OF FUNCTIONAL MR IN PATIENTS WITH HEART FAILURE (SPONSORED BY CARDIAC DIMENSIONS)

THURSDAY, SEPTEMBER 26, 2019
6:30 AM - 7:45 AM
Room 203

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

6:45 AM - 7:45 AM
New Perspectives on the Treatment of Functional MR in Patients With Heart Failure (Sponsored by Cardiac Dimensions)
Faculty: Samir R. Kapadia, Matthias Lutz, Horst Sievert, Stephan Von Bardeleben
Chairs: Steven Goldberg, Eberhard Grube, Martin B. Leon

6:45 AM
Introduction and Objectives
Presenter: Steven Goldberg

6:50 AM
Background on FMR Treatment Options: The Carillon Mitral Contour System
Presenter: Horst Sievert

6:58 AM
REDUCE FMR Publication Data
Presenter: Horst Sievert

7:06 AM
Long Term Data: Carillon Trial
Presenter: Horst Sievert

7:14 AM
Utilizing the TMVR Toolbox to Optimize Current and Future Needs When Treating the Progression of FMR and HR
Presenter: Stephan Von Bardeleben

SUPERSATURATED OXYGEN IN STEMI TO REDUCE INFARCT SIZE: A NEW FDA-APPROVED THERAPY (SPONSORED BY THEROX, INC.)

THURSDAY, SEPTEMBER 26, 2019
6:30 AM - 7:45 AM
Room 215

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

6:45 AM - 7:45 AM
SuperSaturated Oxygen in STEMI to Reduce Infarct Size: A New FDA-Approved Therapy (Sponsored by TherOx, Inc.)
Faculty: Suzanne de Waha-Thiele, E. Magnus Ohman, Richard A. Schatz, James Spears
Chairs: Gregg W. Stone

7:22 AM
New Users Perspective: Getting Started With the Carillon Mitral Contour System
Presenter: Matthias Lutz

7:30 AM
Panel Discussion

7:40 AM
Close and Adjourn
Presenter: Steven Goldberg

NOBLESTITCH PFO CLOSURE: RECORDED CASE AND DIDACTIC SESSION (SPONSORED BY HEARTSTITCH, INC. AND INOVA HEART AND VASCULAR INSTITUTE)

THURSDAY, SEPTEMBER 26, 2019
6:30 AM - 7:30 AM
Room 216

6:30 AM - 7:30 AM
NobleStitch PFO Closure: Recorded Case and Didactic Session
Chair: James Thompson

6:30 AM
NobleStitch PFO Closure: Recorded Case and Didactic Session
Presenter: James Thompson

7:22 AM
New Users Perspective: Getting Started With the Carillon Mitral Contour System
Presenter: Matthias Lutz

7:30 AM
Panel Discussion

7:40 AM
Close and Adjourn
Presenter: Steven Goldberg
6:45 AM  Introduction
Presenter: Gregg W. Stone

6:50 AM  Importance of Infarct Size and Microvascular Obstruction in STEMI
Presenter: Suzanne de Waha-Thiele

7:00 AM  Failed Therapeutic Approaches Drugs and Devices to Reduce Infarct Size
Presenter: E. Magnus Ohman

7:10 AM  SuperSaturated Oxygen Therapy: Background and Mechanism of Action
Presenter: James Spears

7:20 AM  SSO2 Therapy: Clinical Evidence and Outcomes
Presenter: Gregg W. Stone

7:30 AM  SSO2 Therapy: Case Study
Presenter: Richard A. Schatz

7:40 AM  Discussion
Moderators: Gregg W. StoneDiscussion: Suzanne de Waha-Thiele, E. Magnus Ohman, Richard A. Schatz, James Spears

TREATING THE COMPLEX PATIENT: IMPELLA-ENABLED COMPLETE REvascularization
(ORGANIZED BY CRF; SPONSORED BY ABIOMED, INC.)

THURSDAY, SEPTEMBER 26, 2019
6:30 AM - 7:45 AM
Room 205-206

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

6:45 AM - 7:45 AM
Treating the Complex Patients: Impella Enabled Complete Revascularization
Faculty: Ehtisham Mahmud, Rajan A. Patel, Jeffrey J. Popma
Chairs: William W. O’Neill

6:45 AM  Coronary ISR: Prevalence and Trial Biases
Moderator: Dean J. Kereiakes

7:00 AM  Potential Hazards of Re Stenting
Moderators: Dean J. Kereiakes
Presenters: David E. Kandzari

7:10 AM  Current DCBs: Challenges of Paclitaxel and the Downsides of Coatings
Moderators: Dean J. Kereiakes
Presenters: Robert A. Byrne

7:20 AM  QA Session
Moderators: Dean J. Kereiakes
Discussants: Robert A. Byrne, Juan F. Granada, David E. Kandzari

7:25 AM  Virtue SEB: Promising Data for Innovative LIMUS Delivery
Moderators: Dean J. Kereiakes
Discussants: Robert A. Byrne, Juan F. Granada, David E. Kandzari

ONXY ONE: DATA, DETAILS, AND RELEVANCE TO YOUR CLINICAL PRACTICE (SPONSORED BY MEDTRONIC)

Onyx One: Data, Details, and Relevance to Your Clinical Practice
(Sponsored by Medtronic)

THURSDAY, SEPTEMBER 26, 2019
11:30 AM - 12:30 PM
Presentation Theater 4
11:30 AM - 12:30 PM

**Onyx One: Data, Details, and Relevance to Your Clinical Practice**

**Faculty:** David E. Kandzari, Elvin Kedhi, Ajay J. Kirtane, Azeem Latib, Daniel I. Simon

**Chairs:** Gregg W. Stone, Stephan Windecker

11:30 AM  
**Who is the High Bleeding Risk Patient**  
**Presenter:** Daniel I. Simon

11:40 AM  
**Why Onyx One**  
**Presenter:** Ajay J. Kirtane

11:50 AM  
**Onyx One: Results and Implications**  
**Presenter:** Azeem Latib

12:05 PM  
**Two Case Presentations Highlighting Relevant Patients**  
**Presenter:** David E. Kandzari

12:15 PM  
**The Future in Managing Patients at High Bleeding Risk**  
**Presenter:** Elvin Kedhi

12:20 PM  
**Panel Discussion and Audience Questions**

### SIMPLIFYING COMPLEX PCI GUIDED BY A SECOND-GENERATION FIBER-OPTIC PHYSIOLOGY GUIDEWIRE (SPONSORED BY OPSENS MEDICAL)

**Simplifying Complex PCI Guided by a Second-Generation Fiber-Optic Physiology Guidewire (Sponsored by Opsens Medical)**

THURSDAY, SEPTEMBER 26, 2019  
11:30 AM - 12:30 PM  
Presentation Theater 3

11:30 AM  
**Welcome**  
**Presenter:** Morton J. Kern

11:40 AM  
**Coronary Physiology Has Evolved: Where Is It Going**  
**Presenter:** Ziad A. Ali

11:50 AM  
**Too Many Indices How to Keep It Simple**  
**Presenter:** Jung-Min Ahn

12:00 PM  
**Coronary Physiology: From Diagnosis to Treatment Confirmation**  
**Presenter:** Barry F. Uretsky

12:10 PM  
**Case Based Discussion: Rely on Simplicity for Complex PCI with Second Generation Fiber Optic**  
**Presenter:** Evan Shlofmitz

12:20 PM  
**Take Home Message**  
**Presenter:** Morton J. Kern

---

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

**Structural: Valve**

THURSDAY, SEPTEMBER 26, 2019  
11:30 AM - 12:30 PM  
Presentation Theater 1

11:30 AM  
**Using Mega Data to Understand Tricuspid Valve Disease**  
**Lecturer:** Maurice E. Sarano

11:40 AM  
**What Do We Really Know About Transcatheter Tricuspid Intervention**  
**Lecturer:** Francesco Maisano

11:50 AM  
**The Surgeons Perspective of TR Treatment: Advantages of Transcatheter Therapy**  
**Lecturer:** Robert L. Smith

12:00 PM  
**Annular Reduction and 3D ICE**  
**Lecturer:** Charles J. Davidson

12:10 PM  
**Other Transcatheter Approaches to TR Reduction: Spacer Leaflet Grasping and Tricuspid Valve Replacement**  
**Lecturer:** Susheel K. Kodali

12:20 PM  
**Focused Discussion: How Do We Best Apply the Tricuspid Toolbox and What Is the Right Timing for Transcatheter Intervention**

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

**A Paradigm Shift in Treating AS: What Is Acceptable Today Will Be Challenged Tomorrow (Sponsored by CRF; Supported by Edwards Lifesciences)**

**Structural: Valve**

THURSDAY, SEPTEMBER 26, 2019  
1:00 PM - 2:00 PM  
Presentation Theater 1

11:30 AM  
**Using Mega Data to Understand Tricuspid Valve Disease**  
**Lecturer:** Maurice E. Sarano

11:40 AM  
**What Do We Really Know About Transcatheter Tricuspid Intervention**  
**Lecturer:** Francesco Maisano

11:50 AM  
**The Surgeons Perspective of TR Treatment: Advantages of Transcatheter Therapy**  
**Lecturer:** Robert L. Smith

12:00 PM  
**Annular Reduction and 3D ICE**  
**Lecturer:** Charles J. Davidson

12:10 PM  
**Other Transcatheter Approaches to TR Reduction: Spacer Leaflet Grasping and Tricuspid Valve Replacement**  
**Lecturer:** Susheel K. Kodali

12:20 PM  
**Focused Discussion: How Do We Best Apply the Tricuspid Toolbox and What Is the Right Timing for Transcatheter Intervention**

---

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

**Structural: Valve**

THURSDAY, SEPTEMBER 26, 2019  
11:30 AM - 12:30 PM  
Presentation Theater 1

Faculty: Megan Coylewright, Philippe Genereux, Linda D. Gillam, Sandra Lauck, Tamim M. Nazif, Amisha Patel

Chairs: Martin B. Leon, Vinod H. Thourani

1:00 PM PARTNER 3 Changes Everything Implications of TAVR as a First Choice Therapy for Aortic Stenosis
1:00 PM Case Presentation: Low Risk AS
Case Presenter: Amisha Patel

1:05 PM Discussion: TAVR vs. Surgery
Discussant: Megan Coylewright

Lecturer: Philippe Genereux

1:25 PM Panel Discussion

1:30 PM The Vancouver 3M Pathway: Data Review Practical Implementation and the Importance of Patient Centric Decision Making
Lecturer: Sandra Lauck

1:40 PM Panel Discussion

1:45 PM Optimizing TAVR Technology: TAVR Case Video and Early Clinical Impressions
Lecturer: Tamim M. Nazif

1:55 PM Panel Discussion

Tailoring Transcatheter Mitral Solutions for Patients with Mitral Regurgitation (Sponsored by Abbott)

THURSDAY, SEPTEMBER 26, 2019
1:00 PM - 2:00 PM
Presentation Theater 3

Tailoring Transcatheter Mitral Solutions for Patients with Mitral Regurgitation (Sponsored by Abbott)

Faculty: Gorav Ailawadi, Vinay Badhwar, Saibal Kar, Francesco Maisano, Jason H. Rogers, Gregg W. Stone, Stephan Von Bardelbreben

1:00 PM Introduction
Presenter: Saibal Kar

1:05 PM Understanding the EXPAND Registry
Presenter: Saibal Kar, Francesco Maisano, Stephan Von Barderleben

1:25 PM COAPT Subgroup Analysis
Presenter: Gregg W. Stone

1:40 PM SUMMIT Trial Re design: Generating the Clinical Evidence for Tailored TMV Therapy
Presenter: Gorav Ailawadi, Vinay Badhwar, Jason H. Rogers

Compelling Cases With Orsiro: Delivering Evidence (Sponsored by BIOTRONIK AG)

THURSDAY, SEPTEMBER 26, 2019
1:00 PM - 2:00 PM
Presentation Theater 4

Compelling Cases With Orsiro: Delivering Evidence
Faculty: Juan F. Iglesias, Farouc A. Jaffer, Steven J. Yakubov
Chairs: James B. Hermiller Jr

1:00 PM Delivering Evidence
Presenter: James B. Hermiller Jr

1:12 PM Discussion and Audience Interaction
Discussant: James B. Hermiller Jr, Juan Fernando Iglesias, Farouc A. Jaffer, Steven J. Yakubov

1:17 PM First Experience With FDA Approved Orsiro in the USA
Presenter: Farouc A. Jaffer

1:25 PM Discussion and Audience Interaction

Transforming DCB Strategy: Sirolimus-Coated Balloon With Nanolute Technology (Sponsored by Concept Medical, Inc.)

THURSDAY, SEPTEMBER 26, 2019
1:00 PM - 2:00 PM
Presentation Theater 2

Transforming DCB Strategy: Sirolimus-Coated Balloon With Nanolute Technology (Sponsored by Concept Medical, Inc.)

THURSDAY, SEPTEMBER 26, 2019
1:00 PM - 2:00 PM
Presentation Theater 2
Transforming DCB Strategy: Sirolimus-Coated Balloon With Nanolute Technology
Faculty: Alexandre Abizaid, Sandeep Basavarajaiah, Ori Ben-Yehuda, Bernardo Cortese, Alok Finn, Ajay J. Kirtane, Azeem Latib
Chairs: Martin B. Leon, Shigeru Saito

1:00 PM Concept of MagicTouch
Presenter: Ajay J. Kirtane

1:08 PM Why SEB Should Be Safer: Insights From Preclinical Study
Presenter: Alok Finn

1:16 PM First in Man: Brazil ISR Experience With Angiographic and IVUS Results
Presenter: Alexandre Abizaid

1:24 PM MagicTouch Real World Experience

1:24 PM Real World Data From EASTBOURNE to TRANSFORM Trials
Presenter: Bernardo Cortese

1:32 PM Use of Sirolimus Coated Balloon MagicTouch in Coronary Intervention: Data and Case Examples From a Real World Population
Presenter: Sandeep Basavarajaiah

1:40 PM FDA Pivotal Clinical Trial Design and Beyond
Presenter: Ori Ben-Yehuda

1:48 PM Panel Discussion and Audience Interaction

ADVANCED DIAGNOSTIC INSIGHT, PRECISE PATIENT CARE (SPONSORED BY HEARTFLOW, INC.)

THURSDAY, SEPTEMBER 26, 2019
6:00 PM - 8:00 PM
Yerba Buena Ballroom 7

6:00 PM - 6:30 PM Check-in & reception
Faculty: Nick Curzen, Carlos I. Mena-Hurtado, Robert D. Safian, Sreekanth Vemulapalli
Chairs: Gregg W. Stone

6:30 PM - 8:00 PM Advanced Diagnostic Insight, Precise Patient Care

6:30 PM Welcome and Introduction
Presenter: Gregg W. Stone

6:35 PM Overview of the HeartFlow Analysis
Presenter: Carlos I. Mena-Hurtado

6:50 PM Discussion

6:55 PM A Perspective From the UK: The Current Landscape and Future Direction

TWILIGHT AT TWILIGHT: ASSESSING THE ROLE OF MONOTHERAPY VS. DUAL THERAPY — EXAMINING CURRENT DATA (SPONSORED BY CRF; SUPPORTED BY ASTRAZENECA)

THURSDAY, SEPTEMBER 26, 2019
6:00 PM - 8:00 PM
Yerba Buena Ballroom 9

6:00 PM - 6:30 PM Check In & Reception

6:30 PM - 8:00 PM Assessing the Role of Monotherapy vs. Dual Therapy
Faculty: Dominick J. Angiolillo, Usman Baber, Marc Bonaca, David J. Cohen, Kurt Huber, Shamir R. Mehta, David J. Moliterno, Sunil V. Rao, Marco Valgimigli, Pascal Vranckx
Chairs: C. Michael Gibson, Roxana Mehran

6:30 PM Welcome and Introductions
Lecturer: C. Michael Gibson, Roxana Mehran

6:32 PM TWILIGHT: A Deep Dive
Lecturer: Usman Baber

6:47 PM Transitioning to Monotherapy in Patients After PCI
Lecturer: Pascal Vranckx

6:55 PM Reconciling Adjudicated Data Within a Global Trial
Lecturer: Marco Valgimigli

7:03 PM Take Home for Clinicians
C. Michael Gibson

The Role of Antiplatelet Agents in Patients With Diabetes and Coronary Disease
Lecturer: Marc Bonaca

COMPLETE Trial: Focus on STEMI and MVD
Lecturer: Shamir R. Mehta

Take Home for Clinicians: DM and STEMI
Lecturer: Dominick J. Angiolillo

Panel Discussion: Assessing the Role of Potent P2Y12 Inhibition

Roxana Mehran

Adjourn

THE TEAM APPROACH TO CARDIAC ARREST (SPONSORED BY TANDEM LIFE AND LIVANOVA)

The Team Approach to Cardiac Arrest (Sponsored by TandemLife and LivaNova)

THURSDAY, SEPTEMBER 26, 2019
6:00 PM - 8:00 PM
Yerba Buena Ballroom 8

6:00 PM - 6:30 PM
Check-in & reception
Faculty: David A. Baran, Karl Kern, Ashish Pershad, Danny Ramzy
Chairs: Kapildeo Lotun

6:30 PM - 8:00 PM
The Team Approach to Cardiac Arrest

6:30 PM Trends and Changes in Cardiac Resuscitation
Presenter: Karl Kern

6:45 PM eCPR Crashing Onto Support in the Cath Lab: Devices and Protocols
Presenter: Kapildeo Lotun

7:00 PM VA ECLS in the Cath Lab: Real Results
Presenter: Ashish Pershad

7:15 PM Cardiac Arrest and Cardiogenic Shock
Presenter: David A. Baran

7:30 PM Cardiac Arrest and Respiratory Failure
Presenter: Danny Ramzy

7:45 PM QA Session

CHALLENGING CASES 1

Challenging Cases 1

Structural: Non-Valve
Coronary: Core
Coronary: CHIP
Vascular
Coronary II

9:15 AM - 10:45 AM

Coronary II Discussant: Alejandro Goldsmit, James A. Goldstein, Vivek Gupta, Nickolas Nodar Kipshidze, Nick Lakkis

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 devices in severely calcified lesions.
Presenting Author: Yamazaki Seiji

9:15 AM TCT 1015: Challenging LM CX Wiring and Rotation
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 onset thrombosis in a patient with endocardial fibroelastosis caused by calcium deficiency anemia due to intestinal arteriovenous malformation resulting in an acute coronary syndrome treated with bare metal stent and balloon angioplasty
Presenting Author: Addis Asfaw

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

9:15 AM TCT 1020: Coil embolisation of fistula of left internal mammary artery to pulmonary vasculature 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
Presenting Author: Bartolini Davide

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: Bhavananadh Penta

9:15 AM TCT 1023: Left main intervention in STEMI A bridge too far
Presenting Author: Chakrabhavi Kesnavamurthy

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: Roberta Rossini

Presenting Author: Francisco Javier Lacunza

9:15 AM - 10:45 AM

Coronary III

Discussant: Randall J. Lee, Hung Q. Ly, Sandeep Nathan, Marin Postu, Kintur A. Sanghvi, Michael P. Savage, Sayan Sen

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: Fabio Ferrari

9:15 AM TCT 1029: Coronary Artery Hematoma Treated with Fenestration by Using a Wolverine Cutting Balloon
Presenting Author: Kanichi Otowa

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

9:15 AM TCT 1031: Challenging Revascularisation of A Subtotal Stenosis in The Left Circumflex Artery Using 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 Chag

9:15 AM TCT 1033: SELECTION 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: Shrish Hiremath

9:15 AM TCT 1034: SELECTION 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: Nagendra Singh Chouhan

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

9:15 AM TCT 1036: Far far away
Presenting Author: Chun-Wei Lee

9:15 AM TCT 1037: CABG 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 Occluded 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
9:15 AM - 10:45 AM

**Structural I**

Discussant: Amr E. Abbas, Y. S. Chandrahas, Marek Grygier, Vivek Gupta, Simon Cheung-chi Lam, Vincent J. Pompili

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: Martin Andreas

9:15 AM  
TCT 1046: Tricento transcatheter heart valve for severe tricuspid regurgitation.  
Presenting Author: Aloide Cheffo-dupe

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: Atul Chugh

9:15 AM  
TCT 1050: One Last Effort Transcatheter Debubking 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  
TCT 1417: Coronary artery obstruction caused by contained annulus rupture after transcatheter aortic valve replacement  
Presenting Author: Hirofumi Hioki

9:15 AM  
TCT 1270: Double Valve: Transapical TAVR and Mitral Valve in Valve in a Patient with HIT Using Bivarudin  
Presenting Author: Nicholas J. Ruggiero II, M.D., FACP, FACC, FSCAI, FSVM, FCPF

9:15 AM - 10:45 AM

**Structural II**

Discussant: Carla Agatiello, Martine Gilard, Matthias Götberg, Pranav Loyalka, Antonio Mangieri, Michael J. Mullen, Vivian G. Ng, Brad Oldemeyer, Goran K. Olivecrona, Ali Oto, 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 Ukema

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

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: Manik Chopra

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

9:15 AM  
TCT 1060: Snuffbox approach for aortic stenosis  
Presenting Author: Carlo Tumscitz

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

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

9:15 AM  
TCT 1066: Utilizing a Goose Neck Snare toDirect a Valve in Valve TAVR  
Presenting Author: David G. Rizik

9:15 AM  
TCT 1067: Implantation of 29mm Edwards Sapien 3 valve inside 26mm Sapien 3 valve to treat severe paravalvular leak  
Presenting Author: Anthony Pisaniello

---

**CHALLENGING CASES 2**

**Structural: ValveCoronary: CHIPCoronary: CoreStructural: Non-Valve**

**THURSDAY, SEPTEMBER 26, 2019**

2:00 PM - 3:30 PM

Hall D
2:00 PM - 3:30 PM
Coronary IV

2:00 PM  TCT 1068: SSO2 Therapy STEMI Case Studies
Presenting Author: amir lotfi

2:00 PM  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. Bibhushan Nath MBBS MD FCSI India AMRI Salt Lake Hospital Kolkata India
Presenting Author: Bibhushan R Nath

2:00 PM  TCT 1070: Which way is the right one
Presenting Author: David Baghdaasaryan

2:00 PM  TCT 1071: Post MI Ventricular Septal Rupture DEVICE CLOSURE
Presenting Author: Ramakrishna Chengalra Damodara

2:00 PM  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 dives.
Presenting Author: Simone Muraglia

2:00 PM  TCT 1073: Cardiogenic shock after primary PCI
Presenting Author: GOUTAM DATTA

2:00 PM  TCT 1074: Left main coronary artery thrombosis with acute global myocardial ischemia: a challenge in patient management
Presenting Author: Guenter Klappacher

2:00 PM  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

2:00 PM  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: Iosif Xenogiannis

2:00 PM  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

2:00 PM  TCT 1078: Left Main V Stenting during Primary PTCA
Presenting Author: JINESH THOMAS

2:00 PM  TCT 1079: Gadolinium based coronary angiography in a patient with prior known anaphylaxis to iodine based dye.
Presenting Author: Rahul Vasudev

2:00 PM  TCT 1080: When aspirin may be a bridge in patients undergoing non cardiac surgery.
Presenting Author: Roberta Rossini

2:00 PM  TCT 1081: Looking into the Future: Optical Coherence Tomography for the Assessment of Cardiac Allograft Vasculopathy

2:00 PM  TCT 1082: Epicardial coronary spasm due to endothelial dysfunction after spontaneous coronary artery dissection
Presenting Author: Valérie E. Stegehuis

2:00 PM - 3:30 PM
Coronary V
Discussant: Xuebo Liu, Massimo Mancone, Hitoshi Matsuo, Lampros Michalis, Michael Mooney, Graham Nichol, James C. Spratt, Jack Wei Chieh Tan, Xiao Wang, Bernhard Witzenbichler, Yoshiito Yamamoto, Yuejin Yang, Luiz F. Ybarra, Chris Zambikides, Feng Zhang, Qi Zhang

2:00 PM  TCT 1083: How to Perform Ostial Coronary Stenting Without Contrast Administration in a Patient With Severe Renal Failure
Presenting Author: Jerzy Sacha

2:00 PM  TCT 1084: Successful use of Bi Pella mechanical circulatory support and IABP in a patient with STEMI biventricular failure and cardiogenic shock.
Presenting Author: Abdosamad Ibrahim

2:00 PM  TCT 1085: High Risk PCI with Mechanical Circulatory Support from Alternate Access Site for Cardiogenic Shock
Presenting Author: Abhishek C. Sawant

2:00 PM  TCT 1086: Demonstration of Loss of Arterial Pulsatility in Cardiogenic Shock in Atrial Flutter with Rapid Ventricular Response
Presenting Author: ahmed souka

2:00 PM  TCT 1087: ECMO bridge between vascular disaster and rescue
Presenting Author: Andrey Sidorenko

2:00 PM  TCT 1088: Emergent Placement of a Transcaval Impella CP in patient with Cardiac Arrest following an Anterior STEMI
Presenting Author: Charles Cui

2:00 PM  TCT 1089: A case of spontaneous coronary artery rupture treated with coil embolization
Presenting Author: Fujimoto Daichi

2:00 PM  TCT 1090: Unrevascularized inferior MI what lies in the aorta
Presenting Author: Eben Eno

2:00 PM  TCT 1091: Bi ventricular support with oxygenator as alternative to VA ECMO in cases refractory cardiopulmonary failure
Presenting Author: HASSAN ALKHAWAM

2:00 PM  TCT 1092: Primary PCI through Puncture of VA ECMO circuit followed by contralateral iliac stenting for IABP for LV venting
Presenting Author: Ivan Wong

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

2:00 PM  TCT 1094: Peripartum Cardiomyopathy: An Ominous New Beginning
Presenting Author: Karim Abdur Rehman

2:00 PM  TCT 1095: Successful Treatment of the Left Main Coronary Artery with Impella CP Circulatory Mechanical Support and Rotational Atherectomy: When Optical Coherence Tomography Changes the Strategy
2:00 PM

**TCT 1096: Percutaneous Transcatheter Closure of a Large SVG Aneurysm with Amplatzer Vascular Plug**

Presenting Author: Cihan Cevik

2:00 PM

**TCT 1097: Unexplained Vascular Anomaly Arising from a Left Internal Mammary Artery Graft**

Presenting 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, Freek Verheugt, George J. Vlachojannis, 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**

Presenting Author: LI ZHOU

2:00 PM

**TCT 1100: Ultrasound guided vascular access**

Presenting Author: Ahmad Amro

2:00 PM

**TCT 1101: Use of VCD for Faster and Safer Ambulance: A Case**

Presenting Author: KMK Reddy

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.**

Presenting 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**

Presenting Author: Seung Uk Lee

2:00 PM

**TCT 1105: Radial Access and CHIP Are They Compatible**

Presenting Author: Shaheela Nasrin

2:00 PM

**TCT 1106: Extracorporeal Membrane Oxygenation Assisted Left Main Percutaneous Coronary Intervention in a High risk patient**

Presenting Author: Shahrukh Hashmani

2:00 PM

**TCT 1107: Intervention of Hemodynamically significant stenosis of a diffusely diseased coronary artery not amenable to bypass surgery**

Presenting Author: Shareez Peerbhai

2:00 PM

**TCT 1108: IVUS and Calcification Guided PCI With Minimal Contrast For LMT and LAD Lesions**

Presenting Author: Shinichiro Yamada

2:00 PM

**TCT 1110: Complete revascularization with three PCI sessions could bail the patient out of critical situation The case report**

Presenting Author: Shota Naniwa

2:00 PM

**TCT 1111: Mission possible: a case of anomalous RCACTO**

Presenting Author: shunming zhu

2:00 PM

**TCT 1112: Combinedtechniqueof rotational atherectomy and intravascular lithotripsy for treatment of a very calcified coronary lesion.**

Presenting Author: Simone Muraglia

2:00 PM

**TCT 1113: LADD1 bifurcation by DK Crush Technique in acute MI setting**

Presenting Author: Tae Kim

2:00 PM

**TCT 1119: A case of long RCA CTO lesion with double 360 loops**

Presenting Author: SM Mostafa Zaman

2:00 PM

**Endovascular II**


2:00 PM

**TCT 1110: Iliopsoas muscle pseudoaneurysm following Impella supported left main PCI in patient with cardiogenic shock**

Presenting Author: Zoran Lasic

2:00 PM

**TCT 1116: When all hope vanishes an archaic procedure revisited**

Presenting Author: Abraham Paul

2:00 PM

**TCT 1117: 3D fusion guided endovascular repair of iatrogenic common iliac artery aneurysm**

Presenting Author: Anton Khilchuk

2:00 PM

**TCT 1118: TRANSCATHETER DEVICE CLOSURE OF LARGE SINUS OF VALSALVA ANEURYSM WITH STORMY POSTOPERATIVE PERIOD.**

Presenting Author: ATUL PATIL

2:00 PM

**TCT 1119: Percutaneous Revasculatization of occluded abdominal aorta and bilateral iliac disease.**

Presenting Author: Christos Christou

2:00 PM

**TCT 1120: VANISHING GRADIENTS AN UNUSUAL CASE OF TEVAR IN A YOUNG MALE WITH COARCTATION OF AORTA WITH THORACIC SACULAR ANEURYSM WITH HREF.**

Presenting Author: DHEERAJ GANDOTRA

2:00 PM

**TCT 1111: TAVI and double TEVAR for aortic aneurism and type A aortic dissection: case management and 18 month clinical and imaging follow up**

Presenting Author: Gabriele Pesarini

2:00 PM

**TCT 1122: Traumatic aortic pseudoaneurysm intervention with an endovascular graft Should we or should we not**

Presenting Author: GURBHJ SINGH

2:00 PM

**TCT 1123: Repair Of Juxtarenal Type I Endoleak Post EVAR With Extension Of Abdominal Aortic Stent Graft And Placement Of Bilateral Renal Chimney Grafts.**

Presenting Author: ANKIT GUPTA

2:00 PM

**TCT 1124: Percutaneous Exclusion of A Giant Ascending Aortic Pseudoaneurysm**

Presenting Author: Harsh Agrawal

2:00 PM

**TCT 1125: Endovascular repair of tandem saccular abdominal aortic aneurysm with fenestrated endografts amp treatment of complications at follow up.**

Presenting Author: Mala Mavaoz

2:00 PM

**TCT 1126: Rescue Snorkel Technique in a Giant Ruptured Thoracic Aortic Aneurysm with TEVAR Failure. A Successful repair Case Report.**

Presenting Author: Hector Mavaoz

2:00 PM

**TCT 1127: Successful EVAR for patients with anatomical unsuitable abdominal aortic aneurysm**

Presenting Author: Hun-Tae Kim

2:00 PM

**TCT 1128: Total Endovascular Repairof a Rare Caseof Type II Thoracoabdominal Aneurysmdue toTakayasus Arteritis**

Presenting Author: SM Mostafa Zaman
2:00 PM - 3:30 PM
Coronary VIII

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

2:00 PM
TCT 1115: Between a rock and a hard place
Presenting Author: SATNAM SINGH

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

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

2:00 PM
TCT 1119: A Stubborn Undilatable CTO
Presenting Author: Suleman Muhammad

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

2:00 PM
TCT 1122: P.PCI followed by Bifurcation Lesion Treated with DK Crush
Presenting Author: Tawfiq Shahriar Huq

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

2:00 PM
TCT 1124: WHICH IS MAIN BRANCH IN LEFT MAIN BIFURCATION STENTING
Presenting Author: VASUDEVACHETTYPAKALA

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

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

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

2:00 PM
TCT 1584: A Tough Nut
Presenting Author: Naeema Ginwala-Hasan

2:00 PM - 3:30 PM
Coronary IX
Discussant: Mauro Carlino, Angela Hoye, Adam Janas, Michael C. Kim, Lloyd W. Klein, Bernardo Kremer Diniz Gonçalves, Sampath Kumar, Joo Myung Lee

2:00 PM
TCT 1130: MULTIPLE UNEXPECTED TRAGEDIES TO TACKLE IN SINGLE INTERVENTION
Presenting Author: bhavidramurkumar

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

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

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

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

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

2:00 PM
TCT 1137: Making a brand new start of the last occluded artery
Presenting Author: Dmitriy Ognerubov

2:00 PM
TCT 1139: A Simple Case That Became a Nightmare: Iatrogenic Left Main Dissection With Left Main Occlusion and Retrograde Dissection to the Sinus of Valsalva and Ascending Aorta During a Simple Percutaneous Coronary Intervention
Presenting Author: Fábio Augusto Pinto

2:00 PM
TCT 1140: Nightmare Never Comes Alone
Presenting Author: Farhana Ahmed

2:00 PM
TCT 1141: A Case of Stent Deployment into an Iatrogenic Dissection
Presenting Author: Fiorella Llanos-Checa

2:00 PM
TCT 1143: A midsummer night... mare
Presenting Author: Francesco Cassano

2:00 PM
TCT 1330: Emergent Distal Vessel Reentry Technique for Iatrogenic Coronary Artery Dissection
Presenting Author: Anthony Ea

2:00 PM - 3:30 PM
Coronary VIII

2:00 PM
TCT 1130: MULTIPLE UNEXPECTED TRAGEDIES TO TACKLE IN SINGLE INTERVENTION
Presenting Author: bhavidramurkumar

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

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

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

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

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

2:00 PM
TCT 1137: Making a brand new start of the last occluded artery
Presenting Author: Dmitriy Ognerubov

2:00 PM
TCT 1139: A Simple Case That Became a Nightmare: Iatrogenic Left Main Dissection With Left Main Occlusion and Retrograde Dissection to the Sinus of Valsalva and Ascending Aorta During a Simple Percutaneous Coronary Intervention
Presenting Author: Fábio Augusto Pinto

2:00 PM
TCT 1140: Nightmare Never Comes Alone
Presenting Author: Farhana Ahmed

2:00 PM
TCT 1141: A Case of Stent Deployment into an Iatrogenic Dissection
Presenting Author: Fiorella Llanos-Checa

2:00 PM
TCT 1143: A midsummer night... mare
Presenting Author: Francesco Cassano

2:00 PM
TCT 1330: Emergent Distal Vessel Reentry Technique for Iatrogenic Coronary Artery Dissection
Presenting Author: Anthony Ea
2:00 PM - 3:30 PM

**Structural III**

Discussant: Peter C. Block, Matjaz Bunc, Saib Khogali, Jonathon A. Leipsic, Reginald I. Low, Issam D. Moussa, Christoph A. Nienaber, Mark Osten, Jai-Wun Park, Ruth M. Staryk, Daniel H. Steinberg, S. Chiu Wong

2:00 PM

**TCT 1179: First Case Report of the Cordella PA Pressure Sensor Implant Procedure**

Presenting Author: Faisal Sharif

2:00 PM

**TCT 1056: Valve in Valve with Allegro Device and Left Main Stent: To Deliver or Not to Deliver.**

Presenting Author: Ariana González

2:00 PM

**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

2:00 PM

**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

2:00 PM

**TCT 1182: FROM WEANING TO WINNING**

Presenting Author: MARIA MONTEAGUDO VELA

2:00 PM

**TCT 1183: External Compression of an LVAD Outflow Graft: Percutaneous Management**

Presenting Author: David Cohen

2:00 PM

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

Presenting Author: Rohit Kharbanda

2:00 PM

**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: safwan kassas

2:00 PM

**TCT 1186: Parallel balloon assisted tracking technique to overcome a severe calcified and tortuous aortic arch during Evolut R implantation**

Presenting Author: Anna Subramaniam

2:00 PM - 3:30 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 AngioVac aspiration device**

Presenting Author: Geili Abdalla
TCT 1187: Successful bailout of ventricular septal defect after transcatheter aortic valve implantation by a second prosthesis valve implantation
Presenting Author: Kazumasa 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: Marc Gerdisch

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 Bossory

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 transvenous transseptal wiring of a degenerated Mitroflow bioprosthesis which could not be crossed retrogradely for Valve in Valve procedure.
Presenting Author: Magdalena Cuman

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

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 Enríquez

TCT 1197: Transaxillar Valve in valve ViV Transcatheter Aortic Valve Replacement TAVR followed by Bioprosthetic Valve Fracture
Presenting Author: Markus Florian Krackhardt

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: Marvin Kajy

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

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 SAVRTricuspid Valve Plasty Patient
Presenting Author: Hirotsugu Mitsuhashi

TCT 1205: Antegradely LAMPOON to facilitate TMVR
Presenting Author: John Cyril Lisko DUPE

Presenting Author: Yee Sen Chan Wah Hak

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

TCT 1209: treatment of paravalvular leak of mechanical mitral valve via apical approach after failure of doing intraaarial 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

Presenting Author: Hirotsugu Mitsuhashi

TCT 1366: How to bailout valve embolization during transcatheter aortic valve replacement
Presenting Author: Nozomu Yukimitsu

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

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

TCT 1205: Antegradely LAMPOON to facilitate TMVR
Presenting Author: John Cyril Lisko DUPE

Presenting Author: Yee Sen Chan Wah Hak

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

TCT 1208: Paravalvular leak after transcatheter valve implantation in a patient with bicuspid aortic valve with the large annulus and severe left ventricular systolic dysfunction.
Presenting Author: Kiwamu Kamiya

TCT 1209: treatment of paravalvular leak of mechanical mitral valve via apical approach after failure of doing intraaarial 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

Presenting Author: Hirotsugu Mitsuhashi

TCT 1366: How to bailout valve embolization during transcatheter aortic valve replacement
Presenting Author: Nozomu Yukimitsu

Poster Abstracts I

Poster Abstracts I
Coronary: CHIP Coronary: Core Vascular Structural: Valve Structural: Non-Valve

THURSDAY, SEPTEMBER 26, 2019
9:15 AM - 10:45 AM
Hall D

9:15 AM - 10:45 AM
Coronary I

9:15 AM
TCT 850: Nonagenarians and Myocardial Infarction with ST Elevation: Incidence Management and Outcomes.
TCT 851: Assessment of radial artery perforation after transradial coronary intervention by optical coherence tomography
Presenting Author: Jincheng Guo

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: Sida Ila

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

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

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

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: Khoo Nguyen Dang Le

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

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

TCT 859: Arterial Response to Drug Coated Balloon in Acute Coronary Syndrome: Insights From Serial Angiographic and Optical Frequency Domain Imaging Analysis
Presenting Author: Kota Nishida

TCT 860: Predictors of in hospital Mortality Among Patients with Cardiogenic Shock Treated with Extracorporeal Membrane Oxygenation ECMO The United States Experience 2007 2014
Presenting Author: Samson Alliu

Presenting Author: Hamza Ansari

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

Presenting Author: Yutaka Tanaka

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

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

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

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

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

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

TCT 870: Manual Hemostasis of Percutaneous Axillary Artery Access following Intra Aortic Balloon Pump IABP Insertion
Presenting Author: Michael Divita

TCT 871: Potential Benefit of Early Impella support in Acute Myocardial Infarction complicated by Cardiogenic Shock
Presenting Author: Kelly C. Epps

TCT 872: A Single Center Experience with the Tandem ProtekDuo Device for Right Ventricular Failure Leading to Cardiogenic Shock
Presenting Author: brian butera

TCT 873: Manual Hemostasis of Percutaneous Arterial Access
Presenting Author: Michael Divita
9:15 AM - 10:45 AM

Coronary VI

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

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

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

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 VII

Discussant: Jose Guillermo Diez, Christophe Dubois, Yutaka Hikichi, Adam Janas, Bernardo Kremer Diniz Gonçalves, Bradley H. Strauss

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

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

TCT 882: Impact of Calcified Plaque Angulation on Clinical Outcomes Following Bioresorbable Vascular Scaffold Implantation: Insights from ABSORB III and ABSORB Japan
Presenting Author: Shinji Imura

TCT 883: Safety amp Performance analysis of the single center routine clinical use of the Fantom Sirolimus Eluting Bioresorbable Scaffold. Sirolimus Eluting Bioresorbable Coronary Scaffold
Presenting Author: Matthias Lutz

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

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

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

Structural and Vascular I


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: Ashok Thakkar

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

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 - 10:45 AM

Structural I


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: Sridhar Kasturi

TCT 892: Safety and Performance of Everolimus eluting Stents Comprising of Biodegradable Polymers With Ultrathin Stent Platforms
Presenting Author: RAGHAVA SARMA POLAVARAPU

TCT 893: Relationship between prognosis of lower limbs and peripheral artery calcification among patients with peripheral artery disease.
Presenting Author: Tatsunori Noto

TCT 889: Transcatheter Aortic Valve Replacement in Low risk Patients: a Meta analysis of Randomized Controlled Trials
Presenting Author: Ahmad Al-Abdouh

TCT 900: Quantification of True Lumen Helicity in Type B Dissections
Presenting Author: Johan Bondesson

TCT 916: The Late Response to Renal Denervation in Patients With Suspected Secondary Aldosteronism
Presenting Author: Ying-Hsiang Lee

TCT 917: In hospital Outcomes and Trends of Intracoronary Balloon Pump and Percutaneous Ventricular Assist Device Use in Patients with Peripheral Artery Disease
Presenting Author: Homam Moussa Pacha

TCT 918: MicroNET Covered Self EXPandable STent in High Risk Vascular Lesions Beyond The cArotid bifurcation: TheEXTRA GUARD Study
Presenting Author: Piotr Musialek

TCT 919: Directional Atherectomy Versus Optical Coherence Tomography Guided Directional Atherectomy in the Lower Extremities
Presenting Author: Mitul Patel

Presenting Author: Jean-François Dorval
9:15 AM  TCT 893: Retrograde Transcatheter Closure Of Perimembranous Aneurysmal Ventricular Septal Defects Using Amplatzer Vascular Plug II
   Presenting Author: Rania Abushokka

9:15 AM  TCT 894: Pressure Sensor Devices in Congestive Heart Failure: An Insight from the Nationwide Readmission Data
   Presenting Author: Kristina Giff

9:15 AM  TCT 895: Left Ventricular Assist Device Use in Hypertrophic or Restrictive Cardiomyopathy: A Systematic Review
   Presenting Author: Jayakumar Sreenivasan

9:15 AM  TCT 896: Elderly Patients gt 70 Years Old Have Comparable Survival to Younger Patients on Impella 5.0 Support for Cardiogenic Shock
   Presenting Author: Leslie Ammabel Ynalvez

9:15 AM  TCT 897: Racial Disparities in implantation of Left Atrial Appendage Closure Device in patients with Nonvalvular Atrial fibrillation: Analysis of national sample database
   Presenting Author: Setri Fugar

9:15 AM  TCT 898: Surgical Left Atrial Appendage Exclusion: High Anatomical And Clinical Failure Rate By Follow Up Transesophageal Echocardiogram
   Presenting Author: Emrie Tomaiko

9:15 AM - 10:45 AM
Structural II
Discussant: Ramesh Adiraju, Matjaz Bunc, Vijay Iyer, Saib Khogali, Edward J. McNulty

   Presenting Author: Miklos Bitay

9:15 AM  TCT 903: Outcomes of Urgent Transcatheter Aortic Valve Replacement in Patients With Acute Decompensated Heart Failure A Single Center Experience
   Presenting Author: Kai Chen

9:15 AM  TCT 904: Impact of Left Bundle Branch Block and Permanent Pacemaker Implantation on Transcatheter Aortic Valve Replacement Outcome
   Presenting Author: SEYED HOSSEIN AALAEI-ANDABILI

9:15 AM  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

9:15 AM  TCT 906: A Non Invasive Approach for Assessment the Severity of Paravalvular Leakage and Transvalvular Energy Loss using Echocardiography
   Presenting Author: Mohammad Barakat

9:15 AM  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 - 10:45 AM
Structural III
Discussant: Joseph A. Hill, Philip A. MacCarthy, Alexander Grigorievich Osiev, Bernhard Reimers, Daniel H. Steinberg, Eric Vang

9:15 AM  TCT 908: Outcomes of Transcatheter Aortic Valve Replacement TAVR in Octo nonagenerians Using a National Cohort
   Presenting Author: Maria Cale

9:15 AM  TCT 909: 30 Day Outcome and Safety Data from PorticoTM TAVI System Over One Year at an Australian Centre.
   Presenting Author: Leigh Cummins

9:15 AM  TCT 910: Non invasive measurement of carotid waveform and heart sounds to quantify aortic stenosis before and after transcatheter aortic valve replacement
   Presenting Author: Sam Dawkins

   Presenting Author: Ariana González

9:15 AM  TCT 912: Prognostic Impact of the Clinical Frailty Scale after Balloon Aortic Valvuloplasty
   Presenting Author: TOMOYO HAMANA

   Presenting Author: Haral Hernandez

9:15 AM - 10:45 AM
Structural IV
Discussant: Jonathon A. Leipsic, Hidetaka Nishina, Henrique B. Ribeiro, Alok Sharma

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

9:15 AM  TCT 990: Incidence Clinical Correlates Timing of Occurrence and Consequences of Acute Thrombus Formation in Patients Undergoing The MitraClip Procedure
   Presenting Author: Jaroslaw Skowroński

NOW THAT I SEE IT, I KNOW HOW TO TREAT IT!: A HANDS-ON OCT SKILLS LAB
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**
Coronary: Core

THURSDAY, SEPTEMBER 26, 2019
10:00 AM - 11:30 AM
Abbott Pavilion

10:00 AM - 10:15 AM
**Didactic Session**
Training Pavilion Faculty: Ziad A. Ali, Kevin J. Croce, Allen Jeremias, Vamsi Krishna, Eric Lindley, 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, Eric Lindley, 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**
Structural: ValveVascular

THURSDAY, SEPTEMBER 26, 2019
12:00 AM - 1:30 AM
Abbott Pavilion

12:00 AM - 12:20 AM
**Introduction: Access Planning and Management of Complications Review**
Training Pavilion Faculty: Adhir Shroff, Rajeev Tayal

12:20 AM - 1:30 AM
**Hands-On Device Deployment**
Training Pavilion Faculty: Adhir Shroff, Rajeev 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**
Coronary: Core

THURSDAY, SEPTEMBER 26, 2019
2:00 PM - 3:30 PM
Abbott Pavilion

2:00 PM - 2:20 PM
**OCT: Now That I See It — Presentation**
Training Pavilion Faculty: Ziad A. Ali, Michael Chan, Bassem Chehab, Luis Augusto Dallan, Matheen Khuddus, Ethan C. Korngold, Emile Mehanna, Bimal Padaliya, Evan Shlofmitz, Catalin Toma

2:20 PM - 3:30 PM
**Hands-On Sessions**
Training Pavilion Faculty: Ziad A. Ali, Hiram G. Bezerra, Michael Chan, Bassem Chehab, Luis Augusto Dallan, Matheen Khuddus, Ethan C. Korngold, Emile Mehanna, Bimal Padaliya, Evan Shlofmitz, Catalin Toma

2:20 PM Virtual Reality: Interactive OCT Session
2:20 PM OCT Workstation: Measurements Assessments and Procedure Planning
2:20 PM Image Acquisition With a Wet Model Practice

**THE IMPACT OF DESIGN ON CORONARY GUIDEWIRE PERFORMANCE: A HANDS-ON EXPERIENCE**

**The Impact of Design on Coronary Guidewire Performance: A Hands-On Experience**
Coronary: CHIPCoronary: Core

THURSDAY, SEPTEMBER 26, 2019
4:00 PM - 5:30 PM
Abbott Pavilion
The Impact of Design on Coronary Guidewire Performance: A Hands-On Experience
Training Pavilion Faculty: Andrea Gagnor, Elliott Michael Groves, Jack Hall, Robert F. Riley, Jason Wollmuth, Willis Wu

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
Coronary: Core
THURSDAY, SEPTEMBER 26, 2019
8:00 AM - 9:30 AM
Boston Scientific Pavilion

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: Yiannis S. Chatzizisis, Allen Jeremias, Arnold Seto

8:00 AM Introduction
8:05 AM When to Use What to Optimize PCI
8:35 AM Hands On Rotations

ROTOAPRO™ FOR PLAQUE MODIFICATION AND VESSEL PREP

ROTOAPRO™ for Plaque Modification and Vessel Prep
Coronary: Core
THURSDAY, SEPTEMBER 26, 2019
10:00 AM - 11:30 AM
Boston Scientific Pavilion

10:00 AM - 11:30 AM
ROTOAPRO™ for Plaque Modification and Vessel Prep
Training Pavilion Faculty: Ramy Badawi, Wissam Jaber

10:00 AM Introduction
10:05 AM ROTOAPRO Rotational Atherectomy System: 25 Years of Proven Clinical Safety and Efficacy
10:35 AM Hands On Rotations

CTO: TEACHING OLD DOGS NEW TECHNIQUES

CTO: Teaching Old Dogs New Techniques
Coronary: Core
THURSDAY, SEPTEMBER 26, 2019
12:00 PM - 1:30 PM
Boston Scientific Pavilion

12:00 PM - 1:30 PM
CTO: Teaching Old Dogs New Techniques
Training Pavilion Faculty: Taishi Hirai, Robert F. Riley, Anthony J. Spaedy

12:00 PM Introduction
12:05 PM CTO: Teaching Old Dogs New Techniques
12:35 PM Hands On Rotations

STREAMLINING THE LAAC PATIENT EDUCATION CONVERSATION FOR ALLIED HEALTH PROVIDERS

Streamlining the LAAC Patient Education Conversation for Allied Health Providers
Structural: Non-Valve
THURSDAY, SEPTEMBER 26, 2019
2:00 PM - 3:30 PM
Boston Scientific Pavilion

2:00 PM - 3:30 PM
Streamlining the LAAC Patient Education Conversation for Allied Health Providers
2:00 PM  Introduction
2:05 PM  Data Overview Patient Examples and Overview of Available Patient Education Tools
3:10 PM  Hands On Rotations

8:45 AM  Rotation 1: Simulation and Imaging Hands On
9:05 AM  Rotation 2: Simulation and Imaging Hands On
9:25 AM  Adjourn

PROTECTED TAVR: AN INTERACTIVE EXPERIENCE WITH SENTINEL CEREBRAL PROTECTION SYSTEM

Protected TAVR: An Interactive Experience with Sentinel Cerebral Protection System

THURSDAY, SEPTEMBER 26, 2019
4:00 PM - 5:30 PM
Boston Scientific Pavilion

4:00 PM - 5:30 PM
Protected TAVR: An Interactive Experience with Sentinel Cerebral Protection System
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

TAVR Foundations for the New-to-TAVR Implanter

THURSDAY, SEPTEMBER 26, 2019
10:00 AM - 11:30 AM
Medtronic Pavilion

10:00 AM - 11:30 AM
TAVR Foundations for the New-to-TAVR Implanter
Training Pavilion Faculty: George S. Chrysant

10:00 AM  Introduction
10:05 AM  Product and Procedural Overview and Key Imaging Considerations
10:35 AM  Rotation 1: Simulation and Imaging Hands On
11:00 AM  Rotation 2: Simulation and Imaging Hands On
11:25 AM  Adjourn

SPYRAL HTN-ON MED, -OFF MED, WHAT’S NEXT?

SPYRAL HTN-ON MED, -OFF MED, What’s Next?

THURSDAY, SEPTEMBER 26, 2019
12:00 PM - 1:30 PM
Medtronic Pavilion

12:00 PM - 1:30 PM
SPYRAL HTN-ON MED, -OFF MED, What Next?
Training Pavilion Faculty: Pedro De Araujo Goncalves, David P. Lee, Felix Mahfoud, Joachim Weil

12:00 PM  Update on the SPYRAL HTN Program

8:00 AM - 9:30 AM
TAVR Clinic Foundations for Valve Program Coordinators New to TAVR
Training Pavilion Faculty: Martina Kelly Kelly Speight

8:00 AM  Introduction
8:05 AM  A Journey Through the Care Continuum
CTO PCI: CASE REVIEWS FOCUSING ON PROCEDURAL PLANNING, DEVICE SELECTION AND TECHNICAL APPROACHES

THURSDAY, SEPTEMBER 26, 2019
2:00 PM - 3:30 PM
Medtronic Pavilion

2:00 PM: Introduction

2:05 PM: When is CTO PCI Indicated  Case 1 Discussion

2:20 PM: Optimizing the Impact of Imaging  Lesion Assessment  Case 2 Discussion

2:35 PM: Hands On with Medtronic Products

BIFURCATION PCI: A STEP-BY-STEP TRAINING APPROACH (VISIBLE HEART)

THURSDAY, SEPTEMBER 26, 2019
4:00 PM - 5:30 PM
Medtronic Pavilion

4:00 PM: Introduction

4:05 PM: Insertion with Impella Trainer

4:10 PM: Ultrasound Siemens

4:15 PM: Closure Manta

4:20 PM: Access Shockwave

ACCESS AND CLOSURE FOR LARGE BORE DEVICES

THURSDAY, SEPTEMBER 26, 2019
8:00 AM - 9:30 AM
CRF Pavilion 1

8:00 AM - 8:10 AM: Introduction

8:10 AM - 9:30 AM: Breakout Rotations

10:00 AM - 10:10 AM: Introduction

10:10 AM - 11:30 AM: Breakout Rotations
SUPPORT DEVICES FOR HIGH RISK PCI:
LESSONS FROM TEACH

Support Devices for High Risk PCI: Lessons from TEACH

Coronary: CHIP

THURSDAY, SEPTEMBER 26, 2019
12:00 PM - 1:30 PM
CRF Pavilion 1

12:00 PM - 12:20 PM
Didactic Session
Training Pavilion Faculty: M Chadi Alraies, Hiram G. Bezerra, Rajan A. Patel

12:20 PM - 1:30 PM
Breakout Rotations
Training Pavilion Faculty: M Chadi Alraies, Hiram G. Bezerra, Rajan A. Patel

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 THE NATIONAL CARDIOGENIC SHOCK INITIATIVE

Shock Systems of Care: Best Practices From INOVA and the National Cardiogenic Shock Initiative

Coronary: CHIP

THURSDAY, SEPTEMBER 26, 2019
2:00 PM - 3:30 PM
CRF Pavilion 1

2:00 PM - 2:40 PM
Didactic Sessions
Training Pavilion Faculty: Mir Babar Basir, Michael J. Lim, Alexander George Truesdell

2:40 PM - 3:30 PM
Breakout Rotations
Training Pavilion Faculty: Mir Babar Basir, Michael J. Lim, Alexander George Truesdell

2:40 PM
Position Sim
2:40 PM
Position Sim
2:40 PM
HARVi App
2:40 PM
HARVi App

SUPPORT DEVICES FOR CARDIOGENIC SHOCK:
LESSONS FROM TEACH

Support Devices for Cardiogenic Shock: Lessons from TEACH

Coronary: CHIP

THURSDAY, SEPTEMBER 26, 2019
4:00 PM - 5:30 PM
CRF Pavilion 1

4:00 PM - 4:20 PM
Didactic Session
Training Pavilion Faculty: Sanjog Kalra, Dennis Lynn Morris, William W. O’Neill, Alexander George Truesdell

4:20 PM - 5:30 PM
Breakout Rotations
Training Pavilion Faculty: Sanjog Kalra, Dennis Lynn Morris, William W. O’Neill, Alexander George Truesdell

4:20 PM
ICU Sim
4:20 PM
ICU Sim
4:20 PM
HARVi App
4:20 PM
HARVi App

MULTIMODALITY IMAGING FOR TRANSSEPTAL CROSSING AND LAAC

Multimodality Imaging for Transseptal Crossing and LAAC

Structural: Non-Valve
8:00 AM - 9:30 AM
Multimodality Imaging for Transseptal Crossing and LAAC
Training Pavilion Faculty: Brij Maini, Rahul Prakash Sharma, Torsten P. Vahl

8:00 AM
Introduction
8:10 AM
Step by Step Technique
8:20 AM
Instructional Video
8:30 AM
The Role of 4D Volume ICE for Transseptal Crossing
8:40 AM
Hands On Education: Rotations Through Simulators

12:00 PM - 1:30 PM
Multimodality Imaging for Transseptal Crossing and LAAC
Training Pavilion Faculty: Chad Kliger, Carlos E. Sanchez, Gagan D. Singh

12:00 PM
Introduction
12:10 PM
Step by Step Technique
12:20 PM
Instructional Video
12:30 PM
The Role of 4D Volume ICE for Transseptal Crossing
12:40 PM
Hands On Education: Rotations Through Simulators

IMAGING FOR THE FORGOTTEN VALVE:
TECHNIQUES FOR VISUALIZING THE TRICUSPID

IMAGING FOR THE FORGOTTEN VALVE:
TECHNIQUES FOR VISUALIZING THE TRICUSPID

THURSDAY, SEPTEMBER 26, 2019
10:00 AM - 11:30 AM
CRF Pavilion 2

10:00 AM - 11:30 AM
Imaging for the Forgotten Valve: Techniques for Visualizing the Tricuspid
Training Pavilion Faculty: Scott Lim, Priti Mehla, Carlos E. Sanchez, Pradeep K. Yadav

10:00 AM
Introduction
10:10 AM
Techniques for Diagnosis and Procedural Planning
10:20 AM
Case Demonstrations for Interventional Guidance
10:30 AM
Role of 4D Volume ICE for Visualization
10:40 AM
Hands On Education: Rotations Through Simulators

2:00 PM - 3:30 PM
Imaging for the Forgotten Valve: Techniques for Visualizing the Tricuspid
Training Pavilion Faculty: Francesco Maisano, Christopher U. Meduri, Priti Mehla, Gagan D. Singh

2:00 PM
Introduction
2:10 PM
Techniques for Diagnosis and Procedural Planning
2:20 PM
Case Demonstrations for Interventional Guidance
2:30 PM
Role of 4D Volume ICE for Visualization
2:40 PM
Hands On Education: Rotations Through Simulators

MULTIMODALITY IMAGING FOR TRANSSEPTAL CROSSING AND LAAC

MULTIMODALITY IMAGING FOR TRANSSEPTAL CROSSING AND LAAC

THURSDAY, SEPTEMBER 26, 2019
12:00 PM - 1:30 PM
CRF Pavilion 2

Multimodality Imaging for Transseptal Crossing and LAAC
Training Pavilion Faculty: Michael Kollett, Carlos E. Sanchez, Gagan D. Singh

12:00 PM
Introduction
12:10 PM
Techniques for Diagnosis and Procedural Planning
12:20 PM
Case Demonstrations for Interventional Guidance
12:30 PM
Role of 4D Volume ICE for Visualization
12:40 PM
Hands On Education: Rotations Through Simulators
COMPLICATIONS MANAGEMENT IN PCI INTERVENTIONS

Complications Management in PCI Interventions
Coronary: CHIP Coronary: Core

THURSDAY, SEPTEMBER 26, 2019
12:00 PM - 1:30 PM
CRF Pavilion 3

12:00 PM Introduction
12:05 PM Simulation Stations

Complications Management in PCI Interventions
Coronary: CHIP Coronary: Core

THURSDAY, SEPTEMBER 26, 2019
2:00 PM - 3:30 PM
CRF Pavilion 3

2:00 PM Introduction
2:05 PM Simulation Stations

Complications Management in PCI Interventions
Coronary: CHIP Coronary: Core

ADVANCING ALTERNATIVE ACCESS FOR THE TREATMENT OF PAD AND CLI

Advancing Alternative Access for the Treatment of PAD and CLI
Vascular

THURSDAY, SEPTEMBER 26, 2019
8:00 AM - 9:30 AM
CRF Pavilion 3

8:00 AM Introduction
8:20 AM Hands On Rotations
9:20 AM Debrief

Advancing Alternative Access for the Treatment of PAD and CLI
Vascular

THURSDAY, SEPTEMBER 26, 2019
10:00 AM - 11:30 AM
CRF Pavilion 3

10:00 AM - 11:30 AM
Advancing Alternative Access for the Treatment of PAD and CLI
Training Pavilion Faculty: Ankur Lodha, Amit Srivastava

10:00 AM Introduction and Faculty Review
10:20 AM Hands On Rotations
11:20 AM Debrief
THURSDAY, SEPTEMBER 26, 2019
4:00 PM - 5:30 PM
CRF Pavilion 3

4:00 PM - 5:30 PM
Complications Management in PCI Interventions
Training Pavilion Faculty: Amir Kaki, Shunsuke Matsuno, Hidetaka Nishina, Adhir Shroff

4:00 PM  Introduction
4:05 PM  Simulation Stations

ASSESSMENT OF PATIENTS WITH AORTIC STENOSIS OR AORTIC INSUFFICIENCY - 1

Assessment of Patients With Aortic Stenosis or Aortic Insufficiency - 1

THURSDAY, SEPTEMBER 26, 2019
9:30 AM - 10:30 AM
Moderated Posters 5

9:30 AM - 10:30 AM
Assessment of Patients With Aortic Stenosis or Aortic Insufficiency - 1
Moderators: Robert T. PyoDiscussants: Michael A. Borger, Jose L. Leiva-Pons

9:30 AM  TCT 134: Current Management and Disparities in Care for Patients With Symptomatic Severe Aortic Regurgitation
Presenting Author: Vinod H. Thourani

9:37 AM  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

9:47 AM  Discussion

9:50 AM  TCT 136: Validation of Surgical Risk Scores EuroSCORE EuroSCORE II and STS and the Power to Predict Mortality After TAVI
Presenting Author: Ramiro Trillo

9:57 AM  Discussion

10:00 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

10:07 AM  Discussion

10:10 AM  TCT 138: The Immediate Physiological Impact of Transcatheter Aortic Valve Replacement on Central Aortic Pressure in Patients With Severe Aortic Stenosis
Presenting Author: Andrea Comella

10:17 AM  Discussion

10:20 AM  TCT 139: Patients With Aortic Stenosis Exhibit Early Improved Endothelial Function Following Aortic Valve Replacement
Presenting Author: Andrea Comella

10:27 AM  Discussion

INTRAVASCULAR IMAGING - 1

Intravascular Imaging - 1

Coronary: Core

THURSDAY, SEPTEMBER 26, 2019
9:30 AM - 10:30 AM
Moderated Posters 2

9:30 AM - 10:30 AM
Intravascular Imaging - 1
Moderators: Atul Abhyankar, Peter H. StoneDiscussants: Joost Daemen, Roberto Diletti, Vasim Farooq

9:30 AM  TCT 340: IVUS Guided PSP Technique of Drug Eluting Stents in Complex Coronary Lesions
Presenting Author: Do-yoon Kang

9:37 AM  Discussion

9:40 AM  TCT 341: Clinical Significance of Post Stent Intravascular Ultrasound for Chronic Total Occlusion Percutaneous Coronary Intervention With Drug Eluting Stents
Presenting Author: Sang-Cheol Cho

9:47 AM  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: Brent Klinkhammer

10:07 AM  Discussion

10:10 AM  TCT 138: The Immediate Physiological Impact of Transcatheter Aortic Valve Replacement on Central Aortic Pressure in Patients With Severe Aortic Stenosis
Presenting Author: Andrea Comella

10:17 AM  Discussion

10:20 AM  TCT 139: Patients With Aortic Stenosis Exhibit Early Improved Endothelial Function Following Aortic Valve Replacement
Presenting Author: Andrea Comella

10:27 AM  Discussion
NATURAL HISTORY AND MANAGEMENT OF MITRAL AND TRICUSPID VALVE DISEASE - 1

Outcomes After Primary PCI - 1

**Outcomes After Primary PCI - 1**

**Coronary: CHIP**

**THURSDAY, SEPTEMBER 26, 2019**

9:30 am - 10:30 am

Moderated Posters 7

9:30 am - 10:30 am

**Outcomes After Primary PCI - 1**

Moderators: Michael A. Kutcher, Tak W. Kwan

Discussants: Pablo Lamelas, Massoud A. Leesar, Michel R. Le May

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 Descent 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

Presenting Author: Elie Akl

10:17 am

Discussion

10:20 am

TCT 488: Time to Telemedicine Diagnosis TTD a New Metric in STEMI Interventions

9:30 am - 10:30 am

Natural History and Management of Mitral and Tricuspid Valve Disease - 1

Moderators: Robert L. Smith, Frederick G. St. Goar

Discussants: Brunilda Alushi, Paolo Denti, Doff B. McElhinney, Murali Padala, Anupama Shivapraju

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

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

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
REVASCULARIZATION IN PATIENTS WITH DIABETES

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
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
Discussion

TCT 629: Impact of Diabetes Mellitus on One Year Clinical Outcomes of Ultra Thin Strut 60 m Biodegradable Polymer Coated Sirolimus Eluting Coronary Stents
Presenting Author: POTHINENI RAMESH BABU

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 Dimitrios Roumeliotis

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

TCT 632: Complete Revascularization of Multivessel Coronary Artery Disease Does Not Improve Clinical Outcomes in ST Segment Elevation Myocardial Infarction Patients With Diabetes Mellitus
Presenting Author: Han-Mo Yang

Stroke and Stroke Prevention

THURSDAY, SEPTEMBER 26, 2019
9:30 AM - 10:20 AM
Moderated Posters 3
Moderators: Alex Chebl, David R. Holmes Jr. Discussants: J. Michael Bacharach

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. Roadraver 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 670: Worse Prognosis in Old Thrombi Related Large Vessel Occlusion Stroke
Presenting Author: Martijn Meuwissen

9:57 AM Discussion

10:00 AM TCT 671: The Results of Endovascular Treatment in Patients With Ischemic Stroke Both Older and Younger Than 70 Years
Presenting Author: Andrey Sidorenko

10:07 AM Discussion

10:10 AM TCT 672: Usefulness of Soluble ST2 in Evaluating Severity of Cerebral Cardiac Syndrome
Presenting Author: Pei-Hsun Sung

10:17 AM Discussion

VASCULAR ACCESS AND CLOSURE IN PCI - 1

THURSDAY, SEPTEMBER 26, 2019
9:30 AM - 10:20 AM
Moderated Posters 6

9:30 AM TCT 777: Prevention of Radial Artery Occlusion: Comparison of Three Hemostatic Methods in Transradial Intervention
Presenting Author: Jesus Reyes

9:37 AM Discussion

9:40 AM TCT 778: Evaluation of Railway Sheathless Access System for Transradial Coronary and Peripheral Intervention
Presenting Author: Kintur A. Sanghvi DUPE

9:47 AM Discussion

9:50 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

9:57 AM Discussion

10:00 AM TCT 781: The Quest for a Radial Lounge: StatSeal Reduces Transradial Coronary Angiography Turnaround Time and Cost
Presenting Author: Victor Galusko

10:07 AM Discussion

Presenting Author: Gregory Sgueglia

10:17 AM Discussion

BIORESORBABLE SCAFFOLDS - 1

Bioresorbable Scaffolds - 1

Coronary: Core

THURSDAY, SEPTEMBER 26, 2019
10:30 AM - 11:40 AM
Moderated Posters 2

10:30 AM - 11:40 AM
Bioresorbable Scaffolds - 1

10:30 AM TCT 164: Clinical Outcomes at 3 Years of the Absorb Biodegradable Vascular Scaffold Versus XIENCE Drug Eluting Metallic Stent in Patients With or Without Acute Coronary Syndrome AIDA Trial Substudy

10:37 AM Discussion
TCT 165: 5 Year Clinical Results of a Randomized Trial Evaluating the
Absorb Bioresorbable Vascular Scaffold vs. Metallic Drug Eluting
Stents in De Novo Native Coronary Artery Lesions: Data From the
ABSORB Japan Trial
Presenting Author: Ken Kozuma

TCT 166: Optimal Vessel Sizing for Bioresorbable Scaffold
Implantation and the Incidence of Scaffold Thrombosis: Insights
From the COMPARE ABSORB Trial
Presenting Author: Chun Chin Chang

TCT 167: Clinical Outcomes of the Absorb Everolimus Eluting
Bioresorbable Scaffold: Final 5 Year Results From the ABSORB III
Trial
Presenting Author: Stephen G. Ellis

TCT 168: Vessel Remodeling Mechanisms After Bioresorbable
Scaffold Implantation
Presenting Author: Nikolai Strygo

TCT 277: Global Differences in Predictors of Long Term Outcomes
After Percutaneous Coronary Intervention: Insights From the XIENCE
Pooled Registry
Presenting Author: Rishi Chandiramani

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

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: Ashok Thakkar

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: Yue jin Yang

TCT 281: Efficacy and Safety of the Ultrathin Strut Biodegradable
Polymer Sirolimus Eluting Stents in Routine Clinical Practice: Data
From the IRIS DES Registry
Presenting Author: Junghoon Lee

EXCEL TRIAL CLINICAL SUBSTUDIES - 1

Drug-Eluting Stent Studies - 1

THURSDAY, SEPTEMBER 26, 2019
10:30 am - 11:20 am
Moderated Posters 8

Drug-Eluting Stent Studies - 1
Moderators: J. Dawn Abbott, Andrea AbizaidDiscussants: Joseph P. Carrozza Jr, Kyung Woo (KW) Park

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

TCT 307: Vascular Closure Device Use After PCI for Left Main
Disease: Analysis From the EXCEL Trial
TRANSCATHETER VALVE THERAPY | THURSDAY, SEPTEMBER 26, 2019

Last Updated 09/23/2019   Page: 77

Presenting Author: Toshiki Kuno
10:47 AM Discussion
10:50 AM TCT 308: Impact of Periprocedural Major Adverse Events After PCI and CAGB on Long Term Outcomes in Patients With Left Main Disease: The EXCEL Trial
Presenting Author: Sneha Jain
10:57 AM Discussion
11:00 AM TCT 309: Incidence and Clinical Impact of Major Infections Following PCI or CAGB for Left Main Disease: Insights From the EXCEL Trial
Presenting Author: Rodrigo Modolo
11:07 AM Discussion
11:10 AM TCT 310: Outcomes in Patients With Peripheral Vascular Disease After PCI Versus CAGB for Left Main Coronary Artery Disease: A Substudy From the EXCEL Trial
Presenting Author: Masahiko Noguchi
11:17 AM Discussion
11:20 AM 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
11:27 AM Discussion

IMAGING-DERIVED PHYSIOLOGIC LESION ASSESSMENT - 1

Imaging-Derived Physiologic Lesion Assessment - 1
Coronary: Core

THURSDAY, SEPTEMBER 26, 2019
10:30 AM - 11:30 AM
Moderated Posters 4

10:30 AM - 11:30 AM Imaging-Derived Physiologic Lesion Assessment - 1
Moderators: Elmir Omerovic, Miodrag C. Ostojic; Discussants: Robert D. Safian, Arnold Seto, Daniel I. Simon, Eric Van Belle
10:30 AM TCT 323: Angiography Derived Contrast Fractional Flow Reserve From a Specially Designed Computational Fluid Dynamic Method
Presenting Author: YUNLONG HUO
10:37 AM Discussion
10:40 AM TCT 324: Diagnostic Performance of Angiogram Derived Fractional Flow Reserve: A Pooled Analysis of Five Prospective Cohort Studies
Presenting Author: Guy Witberg
10:47 AM Discussion
10:50 AM TCT 325: Quantitative Flow Ratio for Assessment of Nonculprit Coronary Lesions in Patients With ST Segment Elevation Myocardial Infarction

Presenting Author: Hidekuni Kirigaya
10:57 AM Discussion
11:00 AM 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
11:07 AM Discussion
11:10 AM TCT 327: Feasibility of IVUS Derived FFR as a Novel Technique to Estimate Functional Severity of Coronary Stenosis
Presenting Author: Kunihiko Takahashi
11:17 AM Discussion
11:20 AM TCT 328: Diagnostic Performance of Quantitative Flow Ratio from Angiography Versus Fractional Flow Reserve From Computed Tomography
Presenting Author: Hiroki Emori
11:27 AM Discussion

LARGE-BORE VASCULAR ACCESS AND CLOSURE

Large-Bore Vascular Access and Closure
Vascular

THURSDAY, SEPTEMBER 26, 2019
10:30 AM - 11:30 AM
Moderated Posters 3

10:30 AM - 11:30 AM Large-Bore Vascular Access and Closure
Moderators: Tony Das, Gary Gershony; Discussants: Itshak Itsik Ben-dor, Prakash Krishnan, Oscar A. Mendiz, Sanjum S. Sethi
10:30 AM TCT 364: The Closer Large Bore Vascular Sealing System: First in Man In Hospital and Long Term Experience
Presenting Author: S. Chiu Wong
10:37 AM Discussion
10:40 AM TCT 365: Results of the Frontier IV Study With the PerQseal Vivasure Medical Ltd. Fully Absorbable Patch Based Large Hole Vascular Closure Device.
Presenting Author: Arne G. Schwindt
10:47 AM Discussion
10:50 AM TCT 366: Novel Direct Visualization Technique Facilitates Safe and Reproducible Closure Post Large Bore Sheath Removal: The FAST MANTA Pilot Study
Presenting Author: Janarthanan Sathananthan
10:57 AM Discussion
11:00 AM TCT 367: Large Bore Vascular Access Training With the CardioSkills Smart Puncture Simulator: A Training Tool and Concept for Avoiding Vascular Access Site Complications
**NATURAL HISTORY AND MANAGEMENT OF MITRAL AND TRICUSPID VALVE DISEASE - 2**

**Natural History and Management of Mitral and Tricuspid Valve Disease - 2**

**THURSDAY, SEPTEMBER 26, 2019**

**10:30 AM - 11:30 AM**

**Moderated Posters 1**

**10:30 AM**

**TCT 489: 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 490: 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 491: 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 492: 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**

**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:** Fotis Gkargkoulas

**Presenting Author:** G uofeng G ao

**11:27 AM**

**Discussion**

**OUTCOMES AFTER PRIMARY PCI - 2**

**Outcomes After Primary PCI - 2**

**Coronary: CHIP**

**THURSDAY, SEPTEMBER 26, 2019**

**10:30 AM - 11:30 AM**

**Moderated Posters 7**

**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:** G uofeng G ao

**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:** Fotis Gkargkoulas

**Presenting Author:** G uofeng G ao
PACEMAKERS AND CONDUCTION ABNORMALITIES IN PATIENTS WITH TAVR - 1

Moderated Posters 5

10:30 am - 11:30 am

Pacemakers and Conduction Abnormalities in Patients With TAVR - 1

Moderators: Hyo-Soo Kim, Philippe Pibarot
Discussants: Tomasz Jadczyk, Patricia Keegan, David W.M. Muller, Matias Sztejfman

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 Jimenez Diaz

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

11:30 am - 12:30 pm

Bioresorbable Scaffolds - 2

Moderated Posters 6

EXCEL TRIAL CLINICAL SUBSTUDIES - 2

EXCEL Trial Clinical Substudies - 2

Coronary: CHIP

THURSDAY, SEPTEMBER 26, 2019

11:30 am - 12:30 pm

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: Lei Song

11:47 am

Discussion

11:50 am

TCT 172: Hemodynamic Analysis of New Version Mirage Bioresorbable 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 IIIand 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: Misbahul Ferdous

12:27 am

Discussion
11:30 AM - 12:30 PM
EXCEL Trial Clinical Substudies - 2
Modestors: Daniel Chamie, Kenneth ChinDiscussants: Jun-Jack Cheng, 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: Bjorn Redfors
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

OUTCOMES AFTER PRIMARY PCI - 3

Outcomes After Primary PCI - 3
Coronary: CHIP

THURSDAY, SEPTEMBER 26, 2019
11:30 AM - 12:30 PM
Moderated Posters 7

11:30 AM TCT 443: Mitraclip Outcomes in Patients With Coronary Artery Disease
Presenting Author: Obai Abdullah
11:37 AM Discussion
11:40 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
11:47 AM Discussion
11:50 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
11:57 AM Discussion
12:00 AM TCT 446: Sex Related Differences in In Hospital Outcomes of Transcatheter Mitral Valve Repair: Perspectives From a National Database
Presenting Author: Ayman Elbadawi
12:07 AM Discussion
12:10 AM TCT 447: MitraClip Compared to Surgical Mitral Valve Repair in Octogenarians: A Nationwide Analysis 2012-2015
Presenting Author: Syed Zaid
12:17 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 - 12:20 PM
Moderated Posters 1

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

11:30 AM - 12:20 PM
Natural History and Management of Mitral and Tricuspid Valve Disease - 3
Presenting Author: Bjorn Redfors

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: Takahiro Mita

11:57 AM Discussion

12:00 PM TCT 498: Final Results of the Optimal Timing of Coronary Intervention in Unstable Angina 2 OPTIMA 2 Trial
   Presenting Author: Nick Fagel

12:07 PM Discussion

12:10 PM TCT 499: App Based Remote Monitoring and Virtual Review Following ST Elevation Myocardial Infarction STEMI
   Presenting Author: Debashish Das

12:17 PM Discussion

12:20 PM TCT 500: Association Between Microvascular Dysfunction and Diastolic Dysfunction in ST Segment Elevation Myocardial Infarction With Preserved Ejection Fraction
   Presenting Author: Min Gyu Kang

12:27 PM Discussion

PHYSIOLOGIC LESION ASSESSMENT - 1

11:30 AM - 12:20 PM
   Pacemakers and Conduction Abnormalities in Patients With TAVR - 2
   Moderators: Pablo Lamelas, Joseph P. Carrozza Jr, Carlos Collet
   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 NationalSVENTRY and Swedish ICD and Pacemaker Registries
   Presenting Author: Oskar Angerås

11:57 AM Discussion

12:00 AM 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 AM Discussion

12:10 AM 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 AM Discussion

11:30 AM - 12:30 PM
   Physiologic Lesion Assessment - 1
   Moderators: Joseph P. Carrozza Jr, Carlos Collet
   Discussants: Felix Bohm, Jeff Chambers

11:30 AM TCT 575: Outcomes With Deferred vs. Performed Revascularization of Coronary Lesions With Fractional Flow Reserve Values in the Grey Zone
   Presenting Author: Michael Megaly

11:37 AM Discussion

11:40 AM TCT 576: Clinical Outcome of Fractional Flow Reserve FFR and Its Associated Alternate Indices During Practical Routine Clinical Procedures PRESSUREwire Registry
   Presenting Author: Colin Berry

11:47 AM Discussion

11:50 AM TCT 577: Intensive Training and Real Time Quality Control by a Core Laboratory Substantially Improves Physiology Measurements: Lessons From DEFINE PCI
   Presenting Author: Mitsuaki Matsumura

11:57 AM Discussion

12:00 AM TCT 578: Contrast Mediated FFR Plus Intracoronary Injection of Nitroglycerine: A Sumaximal Hyperemic Adenosine Free Index That Accurately Predicts FFR
   Presenting Author: LIVIA LUCIANA GHEORGHE
**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

11:30 AM - 12:30 PM

**Revascularization in the Elderly and the Frail - 2**

Moderators: Neal S. Kleiman
Discussants: John McB. Hodgson, Eliano Pio Navarese

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
Presenting Author: Jonathan Fang

11:37 AM  Discussion

11:40 AM  TCT 646: Markers of Frailty Predict Conservative Management in Very Elderly 85 Years Patients Presenting With Non ST Elevation Myocardial Infarction NSTEMI
Presenting Author: Alexandra Murphy

11:47 AM  Discussion

11:50 AM  TCT 647: Long Term Clinical Outcomes of Elderly Korean Patients With Multivessel Disease Undergoing Percutaneous Coronary Intervention With Drug Eluting Stents
Presenting Author: Karim Abdelshafi

11:57 AM  Discussion

12:00 PM  TCT 648: Clinical Outcomes of Bivalirudin vs. Heparin in Elderly Patients Undergoing Percutaneous Coronary Intervention: A Systematic Review and Meta Analysis of Randomized Controlled Trials
Presenting Author: Lei Guo

12:07 PM  Discussion

12:10 PM  TCT 649: Long Term Prognosis of Elderly Patients With Additional High Bleeding Risk Factors: A Pooled Analysis From Four Post Approval XIENCE Studies
Presenting Author: Rishi Chandiramani

12:17 PM  Discussion

12:20 PM  TCT 650: Economic Outcomes for Older Adults With Acute Myocardial Infarction Treated With PCI
Presenting Author: Abdulla Damluji

12:27 PM  Discussion

**TAVR AND CORONARY ARTERY DISEASE - 1**

**TAVR and Coronary Artery Disease - 1**

**Structural: Valve**

**THURSDAY, SEPTEMBER 26, 2019**

11:30 AM - 12:20 PM

Moderated Posters 3

11:30 AM - 12:20 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 680: Validation of Virtual to Coronary Distance in Native Transcatheter Aortic Valve Replacement
Presenting Author: Michael Fuery

11:37 AM  Discussion

11:40 AM  TCT 681: In Hospital and Short Term TAVR Outcomes in Patients With and Without Unrevascularized Coronary Artery Disease
Presenting Author: Barbora Zvarova

11:47 AM  Discussion

11:50 AM  TCT 682: Percutaneous Coronary Intervention and Transcatheter Aortic Valve Replacement Within the Same Admission
Presenting Author: Konstantinos Voudris

11:57 AM  Discussion

12:00 AM  TCT 683: Variation in the Timing of Percutaneous Coronary Intervention and Outcomes in Patients Undergoing Transcatheter Aortic Valve Replacement
Presenting Author: Tomoki Ochiai

12:07 AM  Discussion

12:10 AM  TCT 684: Treatment Strategies in Patients with Stable Obstructive Coronary Artery Disease and Severe Aortic Valve Stenosis Who Underwent TAVR
Presenting Author: Mahmoud Ali

12:17 AM  Discussion
OUTCOMES AFTER PRIMARY PCI - 4

Moderated Posters 4

12:30 PM - 1:30 PM
Outcomes after Primary PCI - 4
Moderators: Talib Majwal, Robert T. Pyo
Discussants: Renato D. Lopes, Samer Mansour, Ruben A. Piraino

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

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

RENAL INSUFFICIENCY AND CONTRAST NEPHROPATHY - 1

Moderated Posters 7

12:30 PM - 1:30 PM
Renal Insufficiency and Contrast Nephropathy - 1

PACEMAKERS AND CONDUCTION ABNORMALITIES IN PATIENTS WITH TAVR - 3

Moderated Posters 5

12:30 PM - 1:20 PM
Pacemakers and Conduction Abnormalities in Patients With TAVR - 3
Moderators: Arnold Seto, Marco Zimarino
Discussants: Kimberly Skelding, Apostolos Tzikas, Robert C. Welsh

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
<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation</th>
<th>Authors/Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>12:30</td>
<td>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</td>
<td>Presenting Author: Amit Amin</td>
</tr>
<tr>
<td>12:37</td>
<td>Discussion</td>
<td></td>
</tr>
<tr>
<td>12:40</td>
<td>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</td>
<td>Presenting Author: Mariusz Tomanik</td>
</tr>
<tr>
<td>12:47</td>
<td>Discussion</td>
<td></td>
</tr>
<tr>
<td>12:50</td>
<td>TCT 611: Influence of Renal Dysfunction for Ischemic Stroke and Major Bleeding in Patients With Atrial Fibrillation Undergoing Percutaneous Coronary Intervention</td>
<td>Presenting Author: Ko Yamamoto</td>
</tr>
<tr>
<td>12:57</td>
<td>Discussion</td>
<td></td>
</tr>
<tr>
<td>1:00</td>
<td>TCT 612: Poor Prognosis of Contrast Induced Nephropathy Was Observed More Than Ten Years Follow Up</td>
<td>Presenting Author: TAILI LIU</td>
</tr>
<tr>
<td>1:07</td>
<td>Discussion</td>
<td></td>
</tr>
<tr>
<td>1:10</td>
<td>TCT 613: Preventive Intravascular Volume Expansion Strategies for Contrast Induced Acute Kidney Injury in Patients Receiving Intraarterial Contrast Media</td>
<td>Presenting Author: Omar Sheikh</td>
</tr>
<tr>
<td>1:17</td>
<td>Discussion</td>
<td></td>
</tr>
<tr>
<td>1:20</td>
<td>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</td>
<td>Presenting Author: Ik Jun Choi</td>
</tr>
<tr>
<td>1:27</td>
<td>Discussion</td>
<td></td>
</tr>
</tbody>
</table>

**STENT THROMBOSIS AND RESTENOSIS - 1**

**Assessment of Patients With Aortic Stenosis or Aortic Insufficiency - 2**

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation</th>
<th>Authors/Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:00</td>
<td>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</td>
<td>Presenting Author: Katherine Chau</td>
</tr>
<tr>
<td>2:07</td>
<td>Discussion</td>
<td></td>
</tr>
<tr>
<td>2:10</td>
<td>TCT 141: C Reactive ProteinAlbumin Ratio in Patients Undergoing Transcatheter Aortic Valve Replacement</td>
<td></td>
</tr>
</tbody>
</table>

**ASSESSMENT OF PATIENTS WITH AORTIC STENOSIS OR AORTIC INSUFFICIENCY - 2**

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation</th>
<th>Authors/Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:00</td>
<td>TCT 657: Comparison of Subsequent Neoatherosclerotic Findings at Mid Term Follow Up Optical Coherence Tomography Between Second and Third Generation Drug Eluting Stent Implantation</td>
<td>Presenting Author: Toshiya Miura</td>
</tr>
<tr>
<td>2:37</td>
<td>Discussion</td>
<td></td>
</tr>
<tr>
<td>2:47</td>
<td>Discussion</td>
<td></td>
</tr>
<tr>
<td>2:50</td>
<td>TCT 659: Intravascular Ultrasound Analysis of Calcified Neoatherosclerosis Causing In Stent Restenosis and Its Clinical Implication: From IRIS DES and DEB Registry</td>
<td>Presenting Author: Sang-Cheol Cho</td>
</tr>
<tr>
<td>2:57</td>
<td>TCT 660: Repeat Vascular Brachytherapy for Recurrent In Stent Restenosis in Patients With Failed Intracoronary Radiation Therapy</td>
<td>Presenting Author: Yuefeng Chen</td>
</tr>
<tr>
<td>3:04</td>
<td>TCT 661: Angiographic Results of Everolimus Eluting Stents for the Treatment of In Stent Restenosis</td>
<td>Presenting Author: Jens Wiebe</td>
</tr>
</tbody>
</table>

**STENT THROMBOSIS AND RESTENOSIS - 1**

**Assessment of Patients With Aortic Stenosis or Aortic Insufficiency - 2**

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation</th>
<th>Authors/Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:00</td>
<td>TCT 657: Comparison of Subsequent Neoatherosclerotic Findings at Mid Term Follow Up Optical Coherence Tomography Between Second and Third Generation Drug Eluting Stent Implantation</td>
<td>Presenting Author: Toshiya Miura</td>
</tr>
<tr>
<td>2:37</td>
<td>Discussion</td>
<td></td>
</tr>
<tr>
<td>2:47</td>
<td>Discussion</td>
<td></td>
</tr>
<tr>
<td>2:50</td>
<td>TCT 659: Intravascular Ultrasound Analysis of Calcified Neoatherosclerosis Causing In Stent Restenosis and Its Clinical Implication: From IRIS DES and DEB Registry</td>
<td>Presenting Author: Sang-Cheol Cho</td>
</tr>
<tr>
<td>2:57</td>
<td>TCT 660: Repeat Vascular Brachytherapy for Recurrent In Stent Restenosis in Patients With Failed Intracoronary Radiation Therapy</td>
<td>Presenting Author: Yuefeng Chen</td>
</tr>
<tr>
<td>3:04</td>
<td>TCT 661: Angiographic Results of Everolimus Eluting Stents for the Treatment of In Stent Restenosis</td>
<td>Presenting Author: Jens Wiebe</td>
</tr>
</tbody>
</table>
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 STENT STUDIES - 2

Drug-Eluting Stent Studies - 2
Coronary: Core

THURSDAY, SEPTEMBER 26, 2019
2:00 PM - 3:00 PM
Moderated Posters 8

2:00 PM - 3:00 PM
Drug-Eluting Stent Studies - 2
Moderators: Roberto Diletti, R. Stefan Kiesz
Discussants: Stephen G. Ellis, David Erlinge, Duk-Woo Park

2:00 PM TCT 282: Predictors of Clinical Outcomes After Implantation of Novel Sirolimus Eluting Stent in Real World Patient Population
Presenting Author: Sameer Dani

2:07 PM Discussion

2:10 PM 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

2:17 PM Discussion

2:20 PM 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

Drug-Eluting Balloons and Local Drug Delivery - 1
Coronary: Core

THURSDAY, SEPTEMBER 26, 2019
2:00 PM - 3:00 PM
Moderated Posters 6

2:00 PM - 3:00 PM
Drug-Eluting Balloons and Local Drug Delivery - 1
Moderators: Robert M. Bersin, Elazer R. Edelman, Shigeru Nakamura
Discussants: Anvar Babaev, Marianne Brodmann, Salvatore Cassese, Ngai-Yin Chan, Eduard Margetic

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
MANAGEMENT OF ANTIPLATELET THERAPY AND ANTICOAGULATION IN PATIENTS UNDERGOING PCI - 1

Management of Antiplatelet Therapy and Anticoagulation in Patients Undergoing PCI - 1

THURSDAY, SEPTEMBER 26, 2019
2:00 PM - 2:50 PM
Moderated Posters 1

2:00 PM - 2:50 PM
Management of Antiplatelet Therapy and Anticoagulation in Patients Undergoing PCI - 1
Moderators: Mark B. Effron, Sigmund Silber
Discussants: Rik Hermanides, Aditya Kapoor, Ioanna Kosmidou, Robert C. Welsh

2:00 PM
TCT 394: Differential Effects of Prolonged Dual Antiplatelet Therapy After Percutaneous Coronary Intervention in Patients Presenting With Versus Without Acute Myocardial Infarction
Presenting Author: Kim Jihoon

2:07 PM
Discussion

2:10 PM
TCT 395: Clinical Usefulness of PRECISE DAPT Score for Predicting Bleeding and Ischemia in Patients with Acute Coronary Syndrome Undergoing Percutaneous Coronary Intervention: An Analysis from the SMART DATE Randomized Trial
Presenting Author: Young Bin Song

2:17 PM
Discussion

2:20 PM
TCT 396: A UK Time Trends Analysis of Dual Antiplatelet Therapy DAPT use and Bleeding in Patients with Acute Coronary Syndrome ACS Undergoing Percutaneous Coronary Intervention PCI

NATURAL HISTORY AND MANAGEMENT OF MITRAL AND TRICUSPID VALVE DISEASE - 4

Natural History and Management of Mitral and Tricuspid Valve Disease - 4

Structural: Valve

THURSDAY, SEPTEMBER 26, 2019
2:00 PM - 3:00 PM
Moderated Posters 4

2:00 PM - 3:00 PM
Natural History and Management of Mitral and Tricuspid Valve Disease - 4
Moderators: Sammy Elmariah, Ulrich Schäfer
Discussants: Victoria Delgado, Guering Eid-Lidt, Chad Kliger, Alexander Lauten

2:00 PM
TCT 448: Left Ventricular Meridional Systolic Wall Stress Predicts Heart Failure Readmissions in Patients Undergoing Transcatheter Mitral Valve Repair
Presenting Author: Srilekha Sridhara

2:07 PM
Discussion

2:10 PM
TCT 449: Transcatheter Mitral Valve Replacement: New Strategies
Presenting Author: Georg Lutter

2:17 PM
Discussion

2:20 PM
TCT 450: Impact of Atrial Fibrillation on Short Term Outcomes In Patients Undergoing Percutaneous Mitral Valve Repair.
Presenting Author: Mohamed M. Gad

2:27 PM
Discussion

2:30 PM
TCT 451: Trends in Inpatient Complications and Readmissions with Transcatheter Surgical Mitral Valve Repair from 2012 to 2016
Presenting Author: poonam bhyan
PHYSIOLOGIC LESION ASSESSMENT - 2

Physiologic Lesion Assessment - 2

2:00 PM - 2:50 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

- 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: Pavel Nikolov

- 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

RENAL INSUFFICIENCY AND CONTRAST NEPHROPATHY - 2

Renal Insufficiency and Contrast Nephropathy - 2

THURSDAY, SEPTEMBER 26, 2019
2:00 PM - 3:05 PM
Moderated Posters 7

- TCT 615: A Supervised Machine Learning Approach for Predicting Acute Kidney Injury following Percutaneous Coronary Intervention
  Presenting Author: Rayji Tsutsui

  Presenting Author: Robert Kutschman

- 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

- TCT 619: Clinical Impact of Renal Impairment in Diabetic Patients Underwent Percutaneous Coronary Intervention
  Presenting Author: Sangwoo Park

- 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
2:00 PM - 3:00 PM
TAVR and Coronary Artery Disease - 2
Moderators: Gilbert H.L. Tang, Alan C. Yeung
Discussants: Pavel Cervinka

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 Preprocedural 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

2:47 PM
Discussion

2:50 PM
TCT 690: Initial Deployment Orientation of ACURATE neo THV and Final Commissural Alignment: A Pilot Study on Optimizing Post Procedural Coronary Access
Presenting Author: Gilbert Tang

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: Mauro Chiarito

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: Ishaq Mohammed

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: Yoriyasu Suzuki

3:47 PM
Discussion

3:50 PM
TCT 274: A prospective multicenter study to assess the long term safety and efficacy of Sirolimus coated Balloon in treatment of in0stent restenosis in unselected real world patients

3:57 PM
Discussion

INTRAVASCULAR IMAGING - 2
Intravascular Imaging - 2

Management of Antiplatelet Therapy and Anticoagulation in Patients Undergoing PCI - 2

THURSDAY, SEPTEMBER 26, 2019
3:00 pm - 4:00 pm

Moderated Posters 8

3:00 pm - 4:00 pm
Intravascular Imaging - 2

Moderators: Jose de Ribamar Costa Jr, Kevin J. Croce
Discussants: John McB. Hodgson, Tomas Kovarnik, Kusum Lata, Hirotoshi Watanabe

3:00 pm TCT 346: Pseudo Stent Strut Protrusion Into Side Branch. An Intravascular Ultrasound Observation From the EXCEL Trial
Presenting Author: Tatsushi 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: Luis Dallan

3:57 pm Discussion

Management of Antiplatelet Therapy and Anticoagulation in Patients Undergoing PCI - 2

THURSDAY, SEPTEMBER 26, 2019
3:00 pm - 4:00 pm

Moderated Posters 4

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

3:10 pm TCT 401: Long Term Efficacy of Extended Dual Antiplatelet Therapy After Left Main Coronary Artery Bifurcation Stenting
Presenting Author: Sungsoo Cho

3:17 pm Discussion

3:20 pm TCT 402: Optimal Duration of Antiplatelet therapy after Drug eluting stent implantation based on PRECISE DAPT and DAPT Scores
Presenting Author: Yong-Joon Lee

3:27 pm Discussion

3:30 pm 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: Shahrkak Bakar

3:37 pm Discussion

3:40 pm 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

3:47 pm Discussion

3:50 pm 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

3:57 pm Discussion

MANAGEMENT OF ANTIPLATELET THERAPY AND ANTICOAGULATION IN PATIENTS UNDERGOING PCI - 2

NATURAL HISTORY AND MANAGEMENT OF MITRAL AND TRICUSPID VALVE DISEASE - 5
### Natural History and Management of Mitral and Tricuspid Valve Disease - 5

#### THURSDAY, SEPTEMBER 26, 2019

**3:00 PM - 4:00 PM**

**Moderated Posters 1**

<table>
<thead>
<tr>
<th>Session</th>
<th>Title</th>
<th>Presenting Author</th>
<th>Discussants</th>
<th>Moderators</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:00 PM</td>
<td>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</td>
<td>Frederic Beaupre</td>
<td></td>
<td>Neil P. Fam, Paul D. Mahoney</td>
</tr>
<tr>
<td>3:07 PM</td>
<td>Discussion</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3:10 PM</td>
<td>TCT 455: Right Ventricular Remodeling Reduces Heart Failure Readmissions in Patients Undergoing Transcatheter Mitral Valve Repair</td>
<td>Nidhi Kanwar</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3:17 PM</td>
<td>Discussion</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3:20 PM</td>
<td>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</td>
<td>Narut Prasitlumkum</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3:27 PM</td>
<td>Discussion</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3:30 PM</td>
<td>TCT 457: Severe Mitral Stenosis in Patients with Severe Mitral Annular Calcification: An Area of Unmet Need</td>
<td>Rayji Tsutsui</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3:37 PM</td>
<td>Discussion</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3:40 PM</td>
<td>TCT 458: In Hospital Outcomes of Transcatheter Mitral Valve Repair in Rheumatic Mitral Valve Disease</td>
<td>Ayman Elbadawi</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3:47 PM</td>
<td>Discussion</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3:50 PM</td>
<td>TCT 459: Transcatheter Mitral Valve in Valve Replacement for Failed Bioprostheses: A Systematic Review</td>
<td>Kais Hyasat</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3:57 PM</td>
<td>Discussion</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Non-atherosclerotic CAD (SCAD, MINOCA, etc.) - 1

#### THURSDAY, SEPTEMBER 26, 2019

**3:00 PM - 3:50 PM**

**Moderated Posters 2**

<table>
<thead>
<tr>
<th>Session</th>
<th>Title</th>
<th>Presenting Author</th>
<th>Discussants</th>
<th>Moderators</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:00 PM</td>
<td>TCT 467: In Hospital and Long term Outcomes among Patients with Spontaneous Coronary Artery Dissection presenting with Ventricular Tachycardia Fibrillation</td>
<td>Christopher Cheung</td>
<td></td>
<td>William T. Abraham, Elmir Omerovic</td>
</tr>
<tr>
<td>3:07 PM</td>
<td>Discussion</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3:10 PM</td>
<td>TCT 468: Clinical Features Sex Differences and Outcomes of Myocardial Infarction With Non Obstructive Coronary Arteries MINOCA: A Multi Center International Registry Analysis</td>
<td>Richard Jung</td>
<td></td>
<td>Michael A. Kutcher</td>
</tr>
<tr>
<td>3:17 PM</td>
<td>Discussion</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3:20 PM</td>
<td>TCT 469: Percutaneous Coronary Intervention performance in Spontaneous Coronary Artery Dissection: insight from an Italian Multicenter Registry</td>
<td>Giorgio Quadri</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3:27 PM</td>
<td>Discussion</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3:30 PM</td>
<td>TCT 470: Acute management of patients with Spontaneous Coronary Artery Dissection. The DISCO Dissezioni Spontanee Coronariche Italian Registry.</td>
<td>Francesco Tomassini</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3:37 PM</td>
<td>Discussion</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3:40 PM</td>
<td>TCT 471: Prognosis and Predictors of Mortality in Patients Suffering Myocardial Infarction with Non Obstructive Coronary Arteries</td>
<td>You-Hong Lee</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3:47 PM</td>
<td>Discussion</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Peripheral Vascular Intervention - 1

#### THURSDAY, SEPTEMBER 26, 2019

**3:00 PM - 3:50 PM**

**Moderated Posters 3**

<table>
<thead>
<tr>
<th>Session</th>
<th>Title</th>
<th>Presenting Author</th>
<th>Discussants</th>
<th>Moderators</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:00 PM</td>
<td>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</td>
<td>Frederic Beaupre</td>
<td></td>
<td>Neil P. Fam, Paul D. Mahoney</td>
</tr>
<tr>
<td>3:07 PM</td>
<td>Discussion</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3:10 PM</td>
<td>TCT 455: Right Ventricular Remodeling Reduces Heart Failure Readmissions in Patients Undergoing Transcatheter Mitral Valve Repair</td>
<td>Nidhi Kanwar</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3:17 PM</td>
<td>Discussion</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3:20 PM</td>
<td>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</td>
<td>Narut Prasitlumkum</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3:27 PM</td>
<td>Discussion</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3:30 PM</td>
<td>TCT 457: Severe Mitral Stenosis in Patients with Severe Mitral Annular Calcification: An Area of Unmet Need</td>
<td>Rayji Tsutsui</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3:37 PM</td>
<td>Discussion</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3:40 PM</td>
<td>TCT 458: In Hospital Outcomes of Transcatheter Mitral Valve Repair in Rheumatic Mitral Valve Disease</td>
<td>Ayman Elbadawi</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3:47 PM</td>
<td>Discussion</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3:50 PM</td>
<td>TCT 459: Transcatheter Mitral Valve in Valve Replacement for Failed Bioprostheses: A Systematic Review</td>
<td>Kais Hyasat</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3:57 PM</td>
<td>Discussion</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Peripheral Vascular Intervention - 1
Moderators: Leif ThuesenDiscussants: Carlos I. Mena-Hurtado, Nicolas W. Shammas, Mitchell Weinberg

3:00 PM - 3:50 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

THURSDAY, SEPTEMBER 26, 2019
3:00 PM - 4:00 PM
Moderated Posters 7

3:00 PM - 4:00 PM
Ventricular Assist and Management of Cardiogenic Shock - 1
Moderators: Kalpa De Silva, James FlahertyDiscussants: Navin K. Kapur

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

THURSDAY, SEPTEMBER 26, 2019
4:00 PM - 4:50 PM
Moderated Posters 6

4:00 PM - 4:50 PM
Drug-Eluting Balloons and Local Drug Delivery - 3
Moderators: Eric J. Dippel, Jorge F. SaucedoDiscussants: Anvar Babaev, Bruno Scheller

4:00 PM
TCT 271: Drug Coated Reflow Temporary Spur Systems: Inhibition of Neointimal Proliferation in Porcine Peripheral Arteries
Presenting Author: Nadia Brunacci
NON-ATHEROSCLEROTIC CAD (SCAD, MINOCA, ETC.) - 2

Non-Atherosclerotic CAD (SCAD, MINOCA, etc.) - 2
Coronary: CHIP

THURSDAY, SEPTEMBER 26, 2019
4:00 PM - 5:00 PM
Moderated Posters 2

4:00 PM - 4:50 PM
Non-atherosclerotic CAD (SCAD, MINOCA, etc.) - 2
Moderator: Christos Bourantas

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

PCI vs. Medical Therapy and Insights Into Trial Design
Coronary: Core

THURSDAY, SEPTEMBER 26, 2019
4:00 PM - 5:00 PM
Moderated Posters 4

4:00 PM - 5:00 PM
PCI vs. Medical Therapy and Insights Into Trial Design
Moderators: William E. Boden, Frederick FeitDiscussants: 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: 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

TRANSCATHETER VALVE THERAPY | THURSDAY, SEPTEMBER 26, 2019
PULMONARY ARTERY AND PULMONARY VENOUS INTERVENTION

Pulmonary Artery and Pulmonary Venous Intervention

Vascular

THURSDAY, SEPTEMBER 26, 2019
4:00 PM - 4:40 PM
Moderated Posters 3

Presenting Author: Cheng Zhang
4:47 PM Discussion
4:50 PM TCT: Impact of lesion complexity on one year clinical outcomes in troponin negative patients with ultra short duration of dual antiplatelet therapy: a sub analysis of the ReCre8 trial.
Presenting Author: Rik Rozemeijer
4:57 PM Discussion

TAVR: PATIENT-PROSTHESIS MISMATCH

TAVR: Patient-Prosthesis Mismatch

Structural: Valve

THURSDAY, SEPTEMBER 26, 2019
4:00 PM - 4:50 PM
Moderated Posters 1

4:00 PM TAVR: Patient-Prosthesis Mismatch

4:07 PM Discussion
4:10 PM TAVR 751: Prevalence and severity of prosthesis patient mismatch after transcatheter aortic valve replacement defined by computed tomography vs transthoracic echocardiography
Presenting Author: Miho Fukui

4:17 PM Discussion
4:20 PM TAVR 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

4:27 PM Discussion
4:30 PM TAVR 753: Prosthesis patient Mismatch Following Transcatheter Aortic Valve Replacement With Supra annular and Intra annular Prosthesis
Presenting Author: Taishi Okuno

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
Moderated Posters 1

4:00 PM - 4:50 PM
TAVR: Valve-in-Valve - 1

4:00 PM - 4:50 PM
TAVR: Valve-in-Valve - 1

4:00 PM - 4:50 PM
TAVR: Valve-in-Valve - 1

4:00 PM - 4:50 PM
TAVR: Valve-in-Valve - 1

4:00 PM - 4:50 PM
TAVR: Valve-in-Valve - 1

4:00 PM - 4:50 PM
TAVR: Valve-in-Valve - 1

4:00 PM - 4:50 PM
TAVR: Valve-in-Valve - 1
4:00 PM  TCT 755: Prevalence of impaired coronary accessibility after valve in valvetranscatheter aortic valve replacement
Presenting Author: Mark Tuttle

4:07 PM  Discussion

4:10 PM  TCT 756: Incidence of Patient Prosthesis Mismatch following Native and Valve in Valve Transcatheter Aortic Valve Replacement Based on indexed Aortic Valve Area Compared to Energy Loss Index
Presenting Author: Ramy Mando

4:17 PM  Discussion

4:20 PM  TCT 757: Feasibility of Repeat Transcatheter Aortic Valve Replacement TAVR after Sapien 3 TAVR TAV in TAV: A Pilot Angiographic Study
Presenting Author: Syed Zaid

4:27 PM  Discussion

4:30 PM  TCT 758: Assessment of Bioprosthetic Valve Leaflet Displacement During Valve in valve TAVI an Ex vivo Bench Study
Presenting Author: Mark Hensey

4:37 PM  Discussion

4:40 PM  TCT 759: Invasive versus Echocardiographic Evaluation of Suboptimal Valve Hemodynamics and Procedural Futility Following Valve in Valve Transcatheter Aortic Valve Replacement
Presenting Author: Amr E. Abbas

4:47 PM  Discussion

 Darth Vader

VENTRICULAR ASSIST AND MANAGEMENT OF CARDIOGENIC SHOCK - 2

4:00 PM - 4:50 PM
Ventricular Assist and Management of Cardiogenic Shock - 2
Moderators: Dharam J. Kumbhani, Michael J. LimDiscussants: Amirali Masoumi, Maurizio Menichelli, Amit N. Patel

THURSDAY, SEPTEMBER 26, 2019
4:00 PM - 5:00 PM
Moderated Posters 7

4:00 PM  TCT 817: Changes in right atrial pressure are associated with outcomes in patients with cardiogenic shock receiving acute mechanical circulatory support devices: Insights from the Cardiogenic Shock Working Group
Presenting Author: Carlos Davila

4:07 PM  Discussion

4:10 PM  TCT 818: Clinical Outcomes of Awake Extracorporeal Membrane Oxygenation as Bridge to Heart Transplantation
Presenting Author: Taeho Youn

4:17 PM  Discussion

4:20 PM  TCT 819: Safety and Efficacy of Mechanical Circulatory Support with Impella or Intra Aortic Balloon Pump for High Risk Percutaneous Coronary Intervention and/or Cardiogenic Shock: Insights from a Network Meta Analysis
Presenting Author: Toshiki Kuno

4:27 PM  Discussion

4:30 PM  TCT 820: Systematical Review and Meta Analysis on the Use of Inotropes and Vasopressors in Cardiogenic Shock: Time to Close the Gap Between Current Clinical Practice and Evidence
Presenting Author: Mina Karami

4:37 PM  Discussion

4:40 PM  TCT 821: Incidence and Implications of Vascular Complications Among Patients With Cardiogenic Shock: Insight From A Large US National Database
Presenting Author: Mohit Pahuja

4:47 PM  Discussion

VULNERABLE PLAQUES AND HIGH RISK PATIENTS - 1

Vulnerable Plaques and High Risk Patients - 1

THURSDAY, SEPTEMBER 26, 2019
4:00 PM - 5:00 PM
Moderated Posters 8

4:00 PM - 5:00 PM  Vulnerable Plaques and High Risk Patients - 1
Moderators: David Erlinge, Massoud A. LeesarDiscussants: Pedro A. Lemos, Jun Li, Pedro R. Moreno, Asif Qasim

4:00 PM  TCT 827: Relationship between hemoglobin A1C and coronary plaque vulnerability in patients undergoing percutaneous coronary intervention: an optical coherence tomography study
Presenting Author: Keisuke Yasumura

4:07 PM  Discussion

4:10 PM  TCT 828: Quantitative Validation of the Coronary Angioscopic Yellow Plaque by Lipid Core Burden Index Assessed by Intra coronary Near infrared Spectroscopy
Presenting Author: Takashi Omatsu

4:17 PM  Discussion

4:20 PM  TCT 829: Intensity of Lipid Lowering Therapy Among Patients with Prior or New Revascularization: Insights from the GOULD Registry
Presenting Author: Benjamin Peterson

4:27 PM Discussion

4:30 PM TCT 830: Efficacy of PCSK 9 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

4:57 PM Discussion

---

FRIDAY, SEPTEMBER 27, 2019
MAIN ARENA II: FRIDAY, SEPT. 27

Main Arena II: Friday, Sept. 27
Coronary: CoreStructural: ValveStructural: Non-ValveVascularInnovation

---

FRIDAY, SEPTEMBER 27, 2019
8:00 AM - 1:15 PM
Main Arena

8:00 AM - 9:30 AM
Live Cases #3

8:00 AM Fu Wai Hospital Beijing China Cor
Live Case Operator: Kefei Dou, Jie Qian, 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, Susheel K. Kodali, Torsten P. Vahl

9:30 AM - 10:00 AM
Special Session on Drug-Eluting Technologies for PV Intervention

9:30 AM Session I: Peripheral Drug Eluting Technologies at a Crossroad
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

9:44 AM Moderated Panel Discussion

10:00 AM - 10:15 AM
Innovation Award and Presentation
Co-Moderators: Robert S. SchwartzAward Presenters: 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. StoneAward Recipients: Shigeru Saito

10:15 AM Geoffrey O. Hartzler Master Operator Award Presentation
Lecturer: Martin B. Leon, Gregg W. Stone

10:30 AM - 11:30 AM
Late-Breaking Trials 2, Co-Sponsored by Journal of the American Medical Association
Moderators: Martin B. LeonDiscussants: Jeroen J. Bax, Philipp Blanke, Jonathon A. Leipsic, Michael J. Mack, Thomas Modine, Stephane Noble, Philippe Pibarot, David G. Rizik, Craig R. Smith, Dee Dee WangCo-Moderators: Robert O. Bonow

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

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

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

11:30 AM - 12:15 PM
Live Cases #4
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 - 1:15 PM  
Late-Breaking Science 2, Co-Sponsored by European Heart Journal  
Discussants: Blase A. Carabello, Aloïde Chieffo, Danny Dvir, Khalil Fattouch, James S. Gammie, Saibai Kar, Ulf Landmesser, Francesco Maisano, Chet Rihal, Jason H. Rogers, Gilbert H.L. Tang  
Co-Moderators: Jeroen J. Bax

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

12:30 PM  STSACC TVT Registry: MitraClip Operator Volume Outcome Relationship in the United States  
Lecturer: Adnan K. Chhatriwalla

12:40 PM  Roundtable Discussion

12:45 PM  STS Registry: Mitral Valve Surgery Institutional Volume Outcome Relationship in the United States  
Lecturer: Vinay Badhwar

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

11:15 AM - 12:00 PM  
Session III: Live Case — Endovascular  
Factoid Faculty: Tomo Ando, Davide Cao, Hussein Rahim, Fumiyasu Seike

11:15 AM  Ballad Health System CVA Heart Institute Kingsport TN  
Live Case Operator: Mark Aziz, D. Christopher Metzger

LIVE CASE TRANSMISSION THEATER III:  
FRIDAY, SEPT. 27

Live Case Transmission Theater III: Friday, Sept. 27  
Structural: Non-ValveStructural: ValveVascular

FRIDAY, SEPTEMBER 27, 2019  
8:00 AM - 12:00 PM  
Live Case Theater

8:00 AM - 9:30 AM  
Session I: Live Cases — Endovascular  
Factoid Faculty: Tomo Ando, Davide Cao, Hussein Rahim, Fumiyasu Seike

8:00 AM  Ballad Health System CVA Heart Institute Kingsport TN

LIVE CASE TRANSMISSION THEATER IV:  
FRIDAY, SEPT. 27

Live Case Transmission Theater IV: Friday, Sept. 27  
Coronary: CoreCoronary: CHIP

FRIDAY, SEPTEMBER 27, 2019  
2:00 PM - 6:00 PM  
Live Case Theater

2:00 PM - 4:15 PM  
Session I: Live Cases — SHD  
Factoid Faculty: Tomo Ando, Davide Cao, Hussein Rahim, Fumiyasu Seike

2:00 PM  NYPHColumbia University Medical Center New York NY  
Live Case Operator: Vinayak N. Bapat, Isaac George, Rebecca T. Hahn, Nadira Hamid, Susheel K. Kodali, Torsten P. Vahl
METALLIC DES PART 2: HIGH-RISK PATIENTS AND REVASCULARIZATION FAILURES

### Metallic DES Part 2: High-Risk Patients and Revascularization Failures

**Session I: DES in Specific Lesion and Patient Subsets**

**Moderators:** Emmanouil S. Brilakis, Jean Fajadet

**Discussants:** Colin Berry, Francesco Burzotta, Suzanne de Waha-Thiele, Seung-Jung Park, Corrado Tamburino, Robert W. Yeh

- 8:00 AM - 8:45 AM
  - Revascularization in Stable CAD: What Do the New 2019 ESC Guidelines Recommend
  - **Lecturer:** Jean Fajadet

- 8:45 AM - 8:53 AM
  - Roundtable Discussion with Audience QA

- 8:53 AM - 9:00 AM
  - Session II: Diagnosis and Management of Coronary Revascularization Failures
  - **Moderators:** Adrian P. Banning, Robert A. Byrne
  - **Discussants:** Creighton W. Don, Javier Escaned, Farouc A. Jaffer, Duk-Woo Park, Gennaro Sardella, Giulio Stefanini

- 9:00 AM - 9:45 AM
  - Root Causes of Thrombosis and Restenosis With Contemporary Metallic DES: Pathologic Insights
  - **Lecturer:** Aloke Finn

- 9:45 AM - 10:00 AM
  - Root Causes of Thrombosis and Restenosis With Contemporary Metallic DES: Intravascular Imaging Insights
  - **Lecturer:** Giulio Guagliumi

### PFO CLOSURE: EVIDENCE, INDICATIONS, AND DEVICES

**Session I: The Debates and “Rules of the Road” for PFO Closure in Secondary Stroke Prevention**

- 8:00 AM - 9:00 AM
  - **Lecturer:** Jeffrey J. Popma
PFO Closure for Stroke: The Debate Is Over
Lecturer: Stephen J.D. Brecker

PFO Closure for Primary Prevention: The Debate Has Started A Case Example and a Clinical Trial Proposal
Case Presenter: Fabian Nietlispach

The Heart Brain Team: PFO Closure Should Require the Approval of a Neurologist
Lecturer: Andrew Michael Goldsweig

PFO in 2019 A Neurologists Perspective
Lecturer: David E. Thaler

Who Should Perform PFO Closure and Where The SCAI Expert Consensus Statement
Lecturer: Clifford J. Kavinsky

The Minimalist Approach to PFO Closure: The Toronto Experience With Fluoroscopic Guidance Alone
Lecturer: Eric Horlick

The Minimalist Approach to PFO Closure: The Chinese Experience
Lecturer: Xiangbin Pan

Complications of PFO Closure: Just the Facts Maam
Lecturer: Jacqueline Saw

The Antiplatelet Drug Test to Determine Responsivity and the Next Generation PFO Closure Migraine Trial
Lecturer: Mark Reisman

To Close or Not to Close the PFO: Incorporation of Patient Preferences and Shared Decision Making
Lecturer: Suzanne J. Baron

Is PFO Closure Only Beneficial in Large Shunts
Lecturer: Srihari S. Naidu

The Minimalist Approach to PFO Closure: The Toronto Experience With Fluoroscopic Guidance Alone
Lecturer: Eric Horlick

The Minimalist Approach to PFO Closure: The Chinese Experience
Lecturer: Xiangbin Pan

Intravascular Imaging Guided IVUSOCT Treatment of Calcified Lesions: Step by Step
Lecturer: Jonathan M. Hill

Intravascular Imaging Guided IVUSOCT Treatment of Left Main Lesions Including LM Bifurcations: Step by Step
Lecturer: Jose M. De la Torre Hernandez

Intravascular Imaging Guided Treatment of CTOs: Application in AWE ADR and Retrograde Approaches
Lecturer: Lei Ge

Treating Patients With Renal Insufficiency: Zero Contrast PCI
Lecturer: Ziad A. Ali

Assessment and Treatment of ISR and Stent Thrombosis Lesions Using Intravascular Imaging Including Neoatherosclerosis
Lecturer: Christos Bourantas

Very Late IVUSOCT Follow Up After Stent Implantation: From Malapposition to Stent Healing
Lecturer: Yoshinobu Onuma

Approach to Patients With Acute Coronary Syndromes Including SCAD and Thrombotic Lesions Using Intravascular Imaging: Does Everyone Need a Stent
Lecturer: Tej Sheth

Session II: Clinical Issues in PFO Closure
Moderators: Thomas K. Jones, David E. ThalerDiscussants: Elliott Michael Groves, Clifford J. Kavinsky, Michael J. Mullen, John F. Rhodes, Kolja Sievert, Zachary Steinberg

Is PFO Closure Only Beneficial in Large Shunts
Lecturer: Srihari S. Naidu

To Close or Not to Close the PFO: Incorporation of Patient Preferences and Shared Decision Making
Lecturer: Suzanne J. Baron

The Minimalist Approach to PFO Closure: The Toronto Experience With Fluoroscopic Guidance Alone
Lecturer: Eric Horlick

The Minimalist Approach to PFO Closure: The Chinese Experience
Lecturer: Xiangbin Pan

Complications of PFO Closure: Just the Facts Maam
Lecturer: Jacqueline Saw

The Antiplatelet Drug Test to Determine Responsivity and the Next Generation PFO Closure Migraine Trial
Lecturer: Mark Reisman

Session II: Case Presentations From Former CRF Intravascular Imaging Fellows — Part 2
Moderators: John McB. Hodgson, Gary S. MintzDiscussants: Fernando Alfonso, Jingbo Hou, Ulf Landmesser, Erick Schampaert, Junya Shite, Evan Shlofmitz

True Lumen Seeking After Angiography Induced RCA Occlusion in a Patient With Spontaneous Coronary Intramural Hematoma
Case Presenter: Feng Zhang

PCI or Not in a Young Woman With Acute Myocardial Infarction
Case Presenter: Zhijing Zhao

Multiple Coronary Lumens: Differential Diagnosis
Case Presenter: Xuebo Liu

INTRAVASCULAR IMAGING STENT GUIDANCE: PART 2 — THE DETAILS

Intravascular Imaging Stent Guidance: Part 2 — The Details

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 - 11:00 AM
Session I: Technology Forum, Part 1 — New TAVR Systems
Moderators: Michael J. Reardon, John G. Webb
Discussants: Ariel Finkelstein, Dean J. Kereiakes, Thomas Pilgrim, Didier Tchetche, Vinod H. Thourani, Stephen G. G. Worthley

10:00 AM The TAVR NEXT Comers: Snapshots
10:00 AM Program Update: The LOTUS EDGE TAVR System
   Lecturer: Christopher U. Meduri
10:08 AM Program Update: The ACURATE NEO TAVR System
   Lecturer: Michael J. Reardon
10:16 AM Program Update: The PORTICO TAVR System
   Lecturer: Gregory P. Fontana
10:24 AM Roundtable Discussion with Audience QA

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

11:00 AM - 12:28 PM
Session II: Technology Forum, Part 2 — Access and Closure Alternatives, Innovation Gone Wild
Moderators: Adam B. Greenbaum, Tamim M. Nazif
Discussants: Yaron Almagor, Saif Anwaruddin, Colin M. Barker, Kendra J. Grubb, Jean-Claude Laborde, Helge Möllmann

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

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

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

12:00 AM A Novel Pre Shaped LV Pacing Guidewire for TAVR
   Lecturer: John G. Webb
12:08 AM The Pi Cardia Leaflex Aortic Valve Remodeling System
   Lecturer: Philippe Genereux
12:16 AM Roundtable Discussion with Audience QA
12:18 AM The Bay Labs AIDL Point of Care Echo Acquisition and Interpretation System
   Lecturer: Randolph P. Martin
12:26 AM Roundtable Discussion with Audience QA

LEFT ATRIAL APPENDAGE CLOSURE: PART 2 — UNANSWERED QUESTIONS, FUTURE DIRECTIONS

Left Atrial Appendage Closure: Part 2 — Unanswered Questions, Future Directions
Structural: Non-Valve

FRIDAY, SEPTEMBER 27, 2019
2:00 PM - 3:45 PM
Room 156/158
2:00 PM - 2:45 PM
Session I: Issues After LAA Closure
Moderators: Saibal Kar, Ramon Quesada
Discussants: Steven L. Almany, Andrew Michael Goldsweig, Elliott Michael Groves, Kishore J. Harjai, Petr Kala, Teguh Santoso

2:00 PM  Device Related Thrombus: Mechanisms Management and Implications for Device Design
Lecturer: Simon Cheung-chi Lam

2:08 PM  Critical Appraisal of Post LAA Closure Pharmacology and Device Related Thrombus
Lecturer: Kishore J. Harjai

2:16 PM  Optimal Timing for Surveillance Imaging After LAAC
Lecturer: Saibal Kar

2:24 PM  Residual Leak and Ischemic Stroke After LAA Closure: Whether to Close and if So How
Lecturer: George S. Hanzel

2:32 PM  Roundtable Discussion With Audience QA

2:45 PM - 3:45 PM
Session II: LAA Closure — Device Selection
Moderators: Jacqueline Saw, Apostolos Tzikas
Discussants: Philippe Garot, Elliott Michael Groves, Hüseyin Ince, Issam D. Moussa, Stefan Verheye, Dee Dee Wang

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

3:04 PM - 4:00 PM
Noncardiac Surgery Post-PCI: A Practical Approach
Moderators: Roberto Rossini, Freek Verheugt
Discussants: Dominick J. Angiolillo, Subhash Banerjee, Otavio Berwanger, Mark B. Effron, Francesco Franchi, Alice K. Jacobs

3:04 PM  Case Introduction: A Patient Requiring Urgent Noncardiac Surgery After Recent Stent Implantation
Case Presenter: Giulio Stefanini

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

2:00 PM  Debate: Dual Therapy OAC SAPT Should Be the Default Therapy at Discharge in Most Patients
Lecturer: C. Michael Gibson

2:08 PM  Pro: Dual Therapy OAC SAPT Should Be the Default Therapy at Discharge in Most Patients
Lecturer: Robert A. Byrne

2:16 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: Davide Capodanno

2:24 PM  AFib Patients at High Ischemic Risk Post PCI: Role of Triple Therapy or Potent P2Y12 Inhibition
Lecturer: Dominick J. Angiolillo

2:32 PM  When and How to Switch to OAC Alone After PCI
Lecturer: Manesh R. Patel

2:40 PM  Reversal Strategies for Warfarin and NOACs: The Essentials
Lecturer: Teresa L. Carman

2:48 PM  Roundtable Discussion With Audience QA

PCI PHARMACOTHERAPY: PART 2

PCI Pharmacotherapy: Part 2
Coronary: Core

FRIDAY, SEPTEMBER 27, 2019
2:00 PM - 4:00 PM
Room 152/154

2:00 PM - 3:04 PM
Antithrombotic Therapy in Patients With Atrial Fibrillation Undergoing PCI

3:04 PM - 4:00 PM
TAVR SPECIAL SITUATIONS (VIV, BICUSPID, AR, LOW-FLOW, OTHER)

TAVR Special Situations (VIV, Bicuspid, AR, Low-Flow, Other)
Structural: Valve
Session I: TAVR “Real-World Complex Case Scenarios” — Clinical Corner
Moderators: Keith B. Allen, Raj Makkar
Discussants: Philipp Blanke, Bruce Bowers, Mao Chen, Charles J. Davidson, Hasan Jilaihawi, Fayaz Shawl

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: S. Chiu Wong

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
Lecturer: Adam B. Greenbaum

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
Discussants: David J. Cohen, Mackram F. Eleid, Linda D. Gillam, Adam B. Greenbaum, Howard C. Herrmann, Fabian Nietlispach

2:40 pm PointCounterpoint: Provocative Views 1 Minimalist TAVR Gone Viral
2:44 pm 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

3:00 pm PointCounterpoint: Provocative Views 2 TAVR Case Volume Requirements Should Be Increased

3:00 pm Volume Threshold Increases Are Needed to Improve Clinical Outcomes
Lecturer: John D. Carroll

3:05 pm Volume Thresholds Distort Clinical Practice and Are Poorly Correlated With Outcomes Direct Quality Metrics Should Be the Priority
Lecturer: Mark J. Russo

3:10 pm Roundtable Discussion With Audience QA
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
2:56 pm Roundtable Discussion With Audience QA

3:02 pm - 4:00 pm Session II: LM Bifurcation PCI — How?
Moderators: Jean Fajadet, John A. Ormiston
Discussants: Francesco Burzotta, Pawel E. Buszman, Shao-Liang Chen, Carlo Di Mario, Seung-Jung Park, Nadia R. Sutton
3:02 pm The Left Main Is a Different Bifurcation: Specific Technique Considerations
Lecturer: Hyeon-Cheol Gwon
3:09 pm How to Approach LM Trifurcation Disease
Lecturer: Jean Fajadet
3:16 pm When and How to Debulk a Left Main Lesion
Lecturer: Shigeru Nakamura
3:23 pm When and How to Use Hemodynamic Support for Left Main Lesions
Lecturer: Jeffrey W. Moses
3:30 pm Intravascular Imaging in the Left Main: IVUS or OCT and Is It Always Necessary
Lecturer: Giulio Guagliumi
3:37 pm Platform Related Issues Overexpansion Compression etc.
Lecturer: John A. Ormiston
3:44 pm Roundtable Discussion With Audience QA

4:00 pm 2 Year Outcome Data From DEFINE FLAIR and Swedeheart: A Critical Appraisal
Lecturer: Matthias Götberg
4:07 pm Long Term Outcomes With Physiology Guidance: Increased Risk for MI Among Patients Treated Medically
Lecturer: Nils Johnson
4:14 pm Physiological Guidance in Multivessel Disease PCI: Lessons Learned From SYNTAX II 3 Year Follow-Up
Lecturer: Javier Escaned
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
4:34 pm Post PCI Physiology: Insights From DEFINE PCI and Other Studies
Lecturer: Allen Jeremias
4:41 pm Resting Indices vs. Hyperemic Evaluation of Physiology in ACS: What Did We Learn From DEFINE FLAIR and Swedeheart
Lecturer: Christopher Cook
4:48 pm Physiology and Coronary Imaging: When to Use Either Both or Neither
Lecturer: Andreas Baumbach
4:55 pm Roundtable Discussion With Audience QA

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 Back to Basics: Deriving FFR From CTA and Invasive Angiography
Lecturer: Bon-Kwon Koo
5:10 pm 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
Lecturer: Justin E. Davies
6:00 pm Roundtable Discussion With Audience QA

PHYSIOLOGIC LESION ASSESSMENT AND INTERVENTIONAL PLANNING: PART 2 — NEW DEVELOPMENTS IN CORONARY PHYSIOLOGY

PULMONARY HYPERTENSION AND ACUTE AND CHRONIC PULMONARY EMBOLI THERAPIES: PART 2
Pulmonary Hypertension and Acute and Chronic Pulmonary Emboli Therapies: Part 2

FRIDAY, SEPTEMBER 27, 2019
4:00 PM - 6:00 PM
Room 156/158

4:00 PM - 5:02 PM
Session I: Pulmonary Hypertension Overview and CTEPH
Moderators: Ori Ben-Yehuda, Ehtisham Mahmud
Discussants: Matthew D. Bacchetta, Riyaz Bashir, Irene Marthe Lang, Michael M. Madani, Hiromi Matsubara, 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

4:42 PM Roundtable Discussion With Audience QA

4:50 PM Case 1: Balloon Pulmonary Angioplasty
Case Presenter: Ehtisham Mahmud

4:56 PM Case 2: Balloon Pulmonary Angioplasty
Case Presenter: Irene Marthe Lang

5:02 PM - 6:00 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

5:30 PM Aria: A Passive Device to Improve Pulmonary Compliance
Lecturer: Irene Marthe Lang

5:38 PM Inter Atrial Shunts for Pulmonary Hypertension Group I and Group II
Lecturer: Daniel Burkhoff

5:46 PM Roundtable Discussion With Audience QA

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, Srihari S. Naidu
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: Vladimir Dzavik, Michael Mooney
Discussants: Sonya Burgess, Tim A. Fischell, Michael J. Lim, John J. Lopez, Christian M. Spaulding, 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
TRANSCATHETER MITRAL VALVE REPAIR: BEYOND THE MITRACLIP

**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**: Cindy L. Grines

**5:44 PM** Case Presentation: Intraprocedural Arrest During Primary PCI
**Case Presenter**: Srihari S. Naidu

**5:51 PM** Roundtable Discussion With Audience QA

TRANSCATHETER VALVE THERAPY | FRIDAY, SEPTEMBER 27, 2019

**FRIDAY, SEPTEMBER 27, 2019**
**4:00 PM - 6:15 PM**
Room 155/157

**4:00 PM - 4:27 PM**
**Session I: From Surgery to Transseptal Techniques**
**Moderators**: Scott Lim, Francesco Maisano
**Discussants**: Marc Gillinov, Patrick M. McCarthy, Thomas Modine, Nishtha Sodhi, Molly Szerlip, Didier Tchetche

**4:00 PM** Surgical Mitral Valve Repair State of the Art: How Can TMVR Compete With DMR And FMR Is There Still a Role for Surgery
**Lecturer**: Anelechi Anyanwu

**4:10 PM** Transseptal Puncture for TMVR: Approaches for Simple and Complex Cases
**Lecturer**: Steven J. Yakubov

**4:16 PM** New Transseptal Technology
**Lecturer**: Anita Asgar

**4:22 PM** Roundtable Discussion With Audience QA

**4:27 PM - 5:12 PM**
**Session II: Emerging TMVR Devices — Part 1: Leaflet Technologies and Chordal Replacement**
**Moderators**: Scott Lim, Francesco Maisano
**Discussants**: Michael A. Borger, Patrick M. McCarthy, Thomas Modine, Nishtha Sodhi, Molly Szerlip, Didier Tchetche

**4:27 PM** Leaflet Technologies and Chordal Replacement: Surgical Lessons Learned

**4:40 PM** Transcatheter Mitral Valve Repair: Beyond the MitraClip

**4:45 PM** Roundtable Discussion With Audience QA

**4:51 PM** Chordal Replacement Transapical: Neochord and Harpoon Device Description Results and Ongoing Studies
**Lecturer**: Michael A. Borger

**4:59 PM** Chordal Replacement Transseptal: Pipeline Chordart and CardioMech Device Description Results and Ongoing Studies
**Lecturer**: Gorav Ailawadi

**5:06 PM** Roundtable Discussion With Audience QA

**5:12 PM - 6:15 PM**
**Session III: Emerging TMVR Devices — Part 2: Annuloplasty and Others**
**Moderators**: Mark Reisman, Joachim Schofer
**Discussants**: Steven F. Bolling, Anson Cheung, Creighton W. Don, Karl-Heinz Kuck, Georg Nickenig, Jason H. Rogers

**5:12 PM** Annuloplasty: Surgical Lessons Learned
**Lecturer**: Patrick M. McCarthy

**5:17 PM** Direct Annuloplasty: Cardioband and Millipede Device Description Results and Ongoing Studies
**Lecturer**: Brian K. Whisenant

**5:24 PM** Basal Ventriculoplasty: Ancora Device Description Results and Ongoing Studies
**Lecturer**: Kendra J. Grubb

**5:31 PM** Indirect Annuloplasty: Carillon Device Description Results and Ongoing Studies
**Lecturer**: Horst Sievert

**5:38 PM** Indirect Annuloplasty: ARTO Device Description Results and Ongoing Studies
**Lecturer**: Stephen G. G. Worthley

**5:45 PM** Indirect Annuloplasty: Cerclage Device Description Results and Ongoing Studies
**Lecturer**: Robert J. Lederman

**5:51 PM** Posterior Leaflet Repair and Replacement: Polares and Sutra Device Description Results and Ongoing Studies
**Lecturer**: Jason H. Rogers

**5:57 PM** LATE BREAKING FIM First Case of PIPELINE Chordal Replacement
**Lecturer**: Steven F. Bolling

**6:03 PM** Roundtable Discussion With Audience QA

TCT INNOVATION V: KEYNOTE INNOVATION INTERVENTIONAL STUDIES

**Lecturer**: Marc Gillinov

**4:33 PM** Leaflet Technologies I: Pascal Device Description Results and Ongoing Studies
**Lecturer**: Scott Lim

**4:40 PM** Leaflet Technologies II: MitraStitch and Valve Clamp Device Description Results and Ongoing Studies
**Lecturer**: Mao Chen

**4:45 PM** Roundtable Discussion With Audience QA

**4:51 PM** Chordal Replacement Transapical: Neochord and Harpoon Device Description Results and Ongoing Studies
**Lecturer**: Michael A. Borger

**4:59 PM** Chordal Replacement Transseptal: Pipeline Chordart and CardioMech Device Description Results and Ongoing Studies
**Lecturer**: Gorav Ailawadi

**5:06 PM** Roundtable Discussion With Audience QA
8:00 AM - 8:49 AM

Session X: Interventional Heart Failure and Hypertension Therapies
Moderators: Daniel Burkhoff, Nir Uriel
Discussants: Michael Jonas, Ulrich P. Jorde, Susan M. Joseph, JoAnn Lindenfeld, Felix Mahfoud, Clyde W. Yancy

8:00 AM
Levoatrial to Coronary Sinus Shunting as a Novel Strategy for Symptomatic Heart Failure: First in Human Experience
Lecturer: Benjamin Hibbert

8:07 AM
Pilot Study to Assess Safety and Efficacy of a Novel Atrial Flow Regulator in Patients with HFrEF and HFpEF: The AFR PRELIEVE Trial
Lecturer: Felix Mahfoud

8:14 AM
Moderated Discussion

8:20 AM
Endovascular Renal Sympathetic Denervation to Improve Heart Failure With Reduced Ejection Fraction: The IMPROVE HF I Study
Lecturer: Joost Daemen

8:27 AM
External Support of the Cardiac Base Addresses Functional Mitral Regurgitation: Results of the BACE CE Mark Trial
Lecturer: Jaishankar Raman

8:34 AM
Alcohol Mediated Renal Denervation: 1 Year and Final Results From the Peregrine Postmarket Study
Lecturer: Felix Mahfoud

8:41 AM
Moderated Discussion

8:49 AM - 9:29 AM

Session II: Emerging Drug-Coated Balloon Technologies
Moderators: Bruno Scheller, Pieter R. Stella
Discussants: Robert M. Bersin, Bernardo Cortese, Neal Fearnot, Sudhir Rathore, Stephan Windecker, Bo Xu

8:49 AM
Absence of Risk of Death After Coronary Paclitaxel Coated Balloons: Systematic Review and Meta Analysis of Randomized Trials
Lecturer: Bruno Scheller

8:56 AM
Clinical Outcome at 6 Months Between Paclitaxel Coated Balloon vs. Sirolimus Coated Balloon in De Novo Coronary Lesions
Lecturer: Sandeep Basavarajaiah

9:03 AM
Moderated Discussion

9:09 AM
EASTBOURNE Registry: 1 Year Follow Up of a Broad Population Treated With a Sirolimus Coated Balloon for Coronary Artery Disease
Lecturer: Bernardo Cortese

9:16 AM
SELECTION SLR: A Sustained Limus Release Drug Eluting Balloon First Human Data From a Multicenter Coronary Trial
Lecturer: Simon J. Walsh

9:23 AM
Moderated Discussion

9:29 AM - 10:27 AM

Session XVI: DES and Other Emerging Coronary Technologies
Moderators: Grzegorz L. Kaluza, John A. Ormiston
Discussants: Kenneth Chin, Donald Cutlip, Neal Fearnot, Richard A. Schatz, Stefan Verheye

9:29 AM
1 Year Clinical Outcomes of Worlds Thinnest 50 Microns Biodegradable Polymer Coated Everolimus Eluting Coronary Stent in Patients With Coronary Artery Disease
Lecturer: K. Sivaprasad

9:36 AM
1 Year Clinical Results of Real Life Registry of Angiolute Cobalt Chromium Sirolimus Eluting Stent Rango Registry
Lecturer: Armando Perez de Prado

9:43 AM
DynamX Bioadaptor an Innovative Device That Adapts to Patients Physiology for PCI Treatment of Coronary Artery Disease: 12 Month Clinical and Imaging Results
Lecturer: Stefan Verheye

9:50 AM
Moderated Discussion

9:58 AM
SOS PK Papyrus an Observational Study of Patients With Covered PK Papyrus Stent
Lecturer: Marco Hernández Enríquez

10:05 AM
Early Experience With CoFi Diagnostic Sequence in Humans
Lecturer: Marco Valgimigli

10:12 AM
Efficacy and Safety of the Novacross Microcatheter for Chronic Total Occlusions: An Expanded Safety Study
Lecturer: Simon J. Walsh

10:19 AM
Moderated Discussion

10:27 AM - 11:07 AM

Session XVIII: Peripheral Vascular Innovation
Moderators: Krishna J. Rocha-Singh, Peter A. Schneider
Discussants: Stanislaw Bartus, Lawrence A. Garcia, Robert A. Lookstein, Kenneth Ouriel, Bruno Scheller, Renu Virmani

10:27 AM
Perivascular Sirolimus for Prevention of Dialysis Access Failure: Sirogen Technology Overview and Early Human Experience
Lecturer: Srijam S. Iyer

10:34 AM
Clinical Randomized Trial Evaluating Novel Microcrystalline and Biocompatible Polymer Paclitaxel Coated Balloon for the Treatment of Femoro Popliteal Occlusive Disease: 3 Year Clinical and Ambulatory Outcome
Lecturer: Piotr P. Buszman

10:41 AM
Moderated Discussion

10:47 AM
Sustained Limus Release Designed Drug Eluting Balloons: Is This the Solution for the Potential Increased Mortality With Paclitaxel Devices When Treating the SFA
Lecturer: Thomas Zeller

10:54 AM
12 Month Clinical Outcomes of Sirolimus Eluting Bioresorbable Peripheral Scaffold System in Arteries Below the Knee
Lecturer: Sahil A. Parikh

11:01 AM
Moderated Discussion
HIGH-IMPACT CLINICAL RESEARCH I: PERIPHERAL ARTERIAL DISEASE AND DRUG-COATED BALLOONS

High-Impact Clinical Research I: Peripheral Arterial Disease and Drug-Coated Balloons

Moderators: Kenneth Ouriel, Bruno Scheller
Discussants: Carlos Collet, Giovanni Esposito, Nicolas Foin, James A. Goldstein, Stephen P. Hoole, Norman E. Lepor

FRIDAY, SEPTEMBER 27, 2019
2:00 pm - 3:00 pm
Innovation & Keynote Theater

2:00 pm Peripheral Arterial Disease and Drug-Coated Balloons
Moderators: Kenneth Ouriel, Bruno Scheller
Discussants: Fernando Alfonso, S. Elissa Altin, Ehrin J. Armstrong, Robert M. Bersin, Peter A. Schneider, Pieter R. Stella

2:00 pm Long Term Safety of Drug Coated Devices for Femoropopliteal Artery Revascularization: Updated Analysis of Medicare Beneficiary Data
Lecturer: Eric A. Secemsky

2:10 pm Roundtable Discussion With Audience QA

2:15 pm 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: Marianne Brodmann

2:25 pm Roundtable Discussion With Audience QA

2:30 pm 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 pm Roundtable Discussion With Audience QA

2:45 pm 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 pm Roundtable Discussion With Audience QA

HIGH-IMPACT CLINICAL RESEARCH II: HIGH-RISK DISEASE AND NOVEL THERAPIES

High-Impact Clinical Research II: High-Risk Disease and Novel Therapies
Coronary: Core

Coronary: CHIP
FRIDAY, SEPTEMBER 27, 2019
3:00 pm - 4:00 pm
Innovation & Keynote Theater

3:00 pm CIT RESOLVE: A Randomized Trial of Sidebranch Protection in Patients With Coronary Bifurcations and High Predicted Risk of Sidebranch Occlusion
Lecturer: Bo Xu

3:10 pm Roundtable Discussion With Audience QA

3:15 pm PROTECCT: A Randomized Trial of Emergency CTA in Patients With Possible ACS and Intermediate Levels of HS Troponin Elevation
Lecturer: Divaka Perera

3:25 pm Roundtable Discussion With Audience QA

3:30 pm MAGSTEMI: A Randomized Trial of a Magnesium Based Sirolimus Eluting Resorbable Scaffold vs. Metallic DES in Patients With STEMI
HIGH-IMPACT CLINICAL RESEARCH III: PHARMACOTHERAPY STRATEGIES AND CALCIFIED LESIONS

High-Impact Clinical Research III: Pharmacotherapy Strategies and Calcified Lesions
Coronary: CoreCoronary: CHIP

FRIDAY, SEPTEMBER 27, 2019
4:00 PM - 5:00 PM
Innovation & Keynote Theater

4:00 PM - 5:00 PM
Pharmacotherapy Strategies and Calcified Lesions
Moderators: Dimitrios Alexopoulos, Daniel I. Simon
Discussants: Philippe Genereux, Robert J. Gil, Takeshi Kimura, Jean-François Tanguay, Anu Tunuguntla, Azfar G. Zaman

4:00 PM GLOBAL LEADERS: Ticagrelor Monotherapy vs. DAPT After PCI in TWILIGHT Like Patients
Lecturer: Yoshinobu Onuma

4:10 PM Roundtable Discussion With Audience QA

4:15 PM SECURE PCI: 1 Year Outcomes From a Randomized Trial of a Loading Dose of Atorvastatin in Patients With ACS and Planned PCI
Lecturer: Otavio Berwanger

4:25 PM Roundtable Discussion With Audience QA

4:30 PM TIRATROP: A Double Blind Randomized Trial of Ticagrelor in Patients Undergoing High Speed Rotational Atherectomy
Lecturer: Thibault Lhermusier

4:40 PM Roundtable Discussion With Audience QA

4:45 PM DISRUPT CAD II: A Single Arm Study of Intravascular Lithotripsy for Treatment of Severely Calcified Coronary Stenoses
Lecturer: Carlo Di Mario

4:55 PM Roundtable Discussion With Audience QA

FDA TOWN HALL MEETING PART 2: HOT TOPICS

FDA Town Hall Meeting Part 2: Hot Topics
Innovation
CATH LAB RADIATION MANAGEMENT: IN REMEMBRANCE OF CHARLES CHAMBERS
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**

**Lecturer:** Francesco Prati

**12:32 PM**

**Updated Results and Implications of the Lipid Rich Plaque Study of NIR Spectroscopy**

**Lecturer:** Ron S. Waksman

**12:39 PM**

**Detection of Vulnerable Patients by NIRS PROSPECT II and Treatment PROSPECT ABSORB Rationale and Update**

**Lecturer:** David Erlinge

**12:45 PM**

**Treatment of Vulnerable Patients and Plaques: PREVENT Rationale and Update**

**1:14 PM - 1:45 PM**

**Primary Prevention of Coronary Events by Detection of Vulnerable Plaques and Vulnerable Patients**

**Moderators:** John A. Ambrose, Wolfgang Koenig

**Discussants:** Jeroen J. Bax, Udo Hoffmann, Paul Knaapen, Ryan D. Madder, James K. Min, Bjarne Linde Norgaard

**1:14 PM**

**Non Invasive Imaging for the Detection of Vulnerable Plaques and Patients**

**Lecturer:** James K. Min

**1:22 PM**

**Integration of Non Invasive and Invasive Imaging for the Detection of Vulnerable Plaques and Patients**

**Lecturer:** Ryan D. Madder

**1:30 PM**

**Potential of NaF PET Imaging for Vulnerable Plaque and Patient Identification**

**Lecturer:** Bon-Kwon Koo

**1:37 PM**

**Roundtable Discussion With Audience QA**

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**

**12:15 PM**

**The Case for Optimal Medical Therapy First in Most**

**Lecturer:** William E. Boden
The Case for CABG in Most
Lecturer: Michael A. Borger

The Case for PCI in Most
Lecturer: Sripal Bangalore

Roundtable Discussion With Audience QA
12:41 pm
Debate 2: Stent Choice in the Diabetic Patient
12:41 pm
Most Contemporary DES Will Provide Similar Outcomes
Lecturer: Davide Capodanno
12:48 pm
Some Stents Are More Equal Than Others e.g. Ultra Thin
Lecturer: David E. Kandzari

12:55 pm
Discussion With Audience QA
1:00 pm
Debate 3: Pharmacology in the Post Diabetic Patient
1:00 pm
The Case for Long Term 1 Year DAPT
Lecturer: Usman Baber
1:07 pm
The Case for Short Term 1 6 Months DAPT
Lecturer: Anand Prasad
1:14 pm
Don't Forget Anticoagulant Therapy
Lecturer: Sanjit S. Jolly

1:21 pm
Roundtable Discussion With Audience QA
1:26 pm
Debate 4: Who Should Direct the Management of the Diabetic Patient With CAD
1:26 pm
The Cardiologist Should Play a Major Role in Diabetes Management
Lecturer: Matthew Cavender
1:33 pm
Leave It to the Endocrinologist
Lecturer: Sonya Burgess
1:40 pm
Roundtable Discussion With Audience QA

TCT ENDOVASCULAR: TREATMENT OF ACUTE PULMONARY EMBOLISM

TCT Endovascular: Treatment of Acute Pulmonary Embolism

FRIDAY, SEPTEMBER 27, 2019
12:15 pm - 1:45 pm
Room 211

12:15 pm - 1:45 pm
Treatment of Acute Pulmonary Embolism

TCT Endovascular and VEITH: Aortic Therapies

FRIDAY, SEPTEMBER 27, 2019
12:15 pm - 1:45 pm
Room 216

12:15 pm - 1:45 pm
TCT Endovascular and VEITH: Aortic Therapies
Moderators: Enrico Ascher, Frank J. VeithDiscussants: Danielle Bajakian, Zvonimir Krajcer, John Moriarty, Virendra I. Patel, Michael B. Silva, Jr.

12:15 pm
Technological and Technical Advances in Management of Chronic Type B Aortic Dissection
Lecturer: Sukgu Han

12:21 pm
Endovascular Repair of Mycotic Aneurysms of the Thoracic Aorta
Lecturer: Manuel Garcia-Teoca

12:27 pm
TEVAR as an All Percutaneous Approach Under Local Anesthesia: Tricks and Strategies
Lecturer: Zvonimir Krajcer

12:33 PM New Developments in the Management of Acute Uncomplicated TBAD
Lecturer: Virendra I. Patel

12:39 PM Why RCTs Comparing EVAR With Open Repair for Ruptured AAAs are Misleading and Not Generally Applicable: EVAR is Best if it Can be Done
Lecturer: Frank J. Veith

12:45 PM Role of 3D Fusion Imaging and Guidance for Complicated Aortic Reconstructions

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

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: Danielle Bajakian

1:21 PM EVAR Advantages for the Repair of Ruptured AAAs: Strategies to Increase Its Feasibility
Lecturer: Brian G. DeRubertis

1:27 PM Endovascular Aortobiiliac Stent Grafting for Juxtarenal Aortoiliac Disease: Technique Devices and Results
Lecturer: Michael B. Silva, Jr.

1:33 PM Roundtable Discussion With Audience QA

TECHNIQUES AND CASE STUDIES IN PFO CLOSURE

Techniques and Case Studies in PFO Closure

Structural: Non-Valve

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: Harshimran Sachdeva Singh

12:39 PM Case Presentation With Discussion: A Transseptal Procedure After a Prior PFO Closure
Case Presenter: Apostolos Tzikas

12:47 PM Case Presentation With Discussion: Residual Shunts After PFO Closure
Case Presenter: Jonathan M. Tobis

12:55 PM Case Presentation With Discussion: Stitch It Closed and Leave No Device Behind
Case Presenter: Gennaro Sardella

1:03 PM Case Presentation With Discussion: Are Bioabsorbable Devices Back
Case Presenter: Horst Sievert

1:11 PM Case Presentation With Discussion: Closure of Long Tunnel PFO
Case Presenter: Mark Reisman

1:19 PM Case Presentation With Discussion: Managing a Lipomatous Septum Secundum and Aneurysmal Septum Primum
Case Presenter: Jonathan M. Tobis

1:27 PM Case Presentation With Discussion: Transseptal Puncture for PFO Occlusion
Case Presenter: Reda Ibrahim

1:35 PM Roundtable Discussion With Audience QA

TRANSCATHETER CARDIOVASCULAR INNOVATIONS IN THE UNDERSERVED: CURRENT CHALLENGES AND OPPORTUNITIES — SPONSORED BY THE ASSOCIATION OF BLACK CARDIOLOGISTS

Transcatheter Cardiovascular Innovations in the Underserved: Current Challenges and Opportunities — Sponsored by the Association of Black Cardiologists
Coronary: Core

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: Wayne B. Batchelor

12:40 pm  Roundtable Discussion With Audience QA

12:45 pm  Women in Interventional Cardiology: How to Make It Work  
Lecturer: Cindy L. Grines

12:55 pm  Roundtable Discussion With Audience QA

1:00 pm  Session II: Unique Challenges in Achieving Equity in Care and Outcomes  
Moderators: Wayne B. Batchelor, Marianne Brodmann  
Discussants: Angeles Alonso Garcia, Colin Berry, 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

TCT INDIA SESSION

TCT India Session  
Coronary: Core  
Coronary: CHIP  
Structural: Non-Valve  
Structural: Valve  
Vascular

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, Manish A. Parikh, Yashpal Sharma  
Panelists: Ramesh Daggubati, Surya Prakash Gulla, Anand M. Rao, KMK Reddy, Bhuwan Chandra Tiwari, Rajasekhar Varada

9:00 am  Opening Remarks  
Lecturer: Pravin K. Goel, Manish A. Parikh, Yashpal Sharma

9:05 am  Session I: Coronary Complications

9:05 am  Stent Migration Embolisation  
Lecturer: Viveka Kumar

9:12 am  Roundtable Discussion With Audience QA

9:15 am  Coronary Aneurysms: Post DESTraumatic  
Lecturer: Subhash Chandra

9:22 am  Roundtable Discussion With Audience QA

9:25 am  Coronary Perforation Tamponade  
Lecturer: B.V.A Ranga Reddy

9:32 am  Roundtable Discussion With Audience QA

9:47 am  Session II: Structural Heart Intervention Complications

ENDOVASCULAR CARDIAC COMPLICATIONS (ECC) 2019: PREVENTION IS THE BEST TREATMENT FOR COMPLICATIONS

Endovascular Cardiac Complications (ECC) 2019: Prevention Is the Best Treatment for Complications

Vascular

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  
Moderators: Morton J. Kern, Ramesh Singh  
Discussants: Merida Cardenas Manilla, Christian Roguelov, Jack Wei Chieh Tan, Aaron Wong Sung Lung

9:00 am  Introduction  
Lecturer: Michael Haude

9:05 am  Til Death Do Us Tear Apart
My Worst TAVR Complication
Lecturer: Pravin K. Goel

Roundtable Discussion With Audience QA

My Repair Techniques MitraClip Complications and How to Avoid Them With Case EGS
Lecturer: Michael Rinaldi

Roundtable Discussion With Audience QA

LAAO: Complications and Tips to Avoid Them With Case EGS
Lecturer: Rajasekhar Varada

Discussion and Concluding Remarks

International Fellows Challenging Case Session
Coronary: CHIP Coronary: Core Structural: Non-Valve Structural: Valve Vascular

FRIDAY, SEPTEMBER 27, 2019
4:00 AM - 5:30 AM
Room 216

5:00 AM - 5:30 AM
Session III: My Most Challenging Case — Fellows Committee
Moderators: Grzegorz L. Kaluza, Mohamed Ahmed Sobhy
Discussants: Carlos Cabrera, Pedro de Araujo Goncalves, Benjamin Hibbert, Afzalur Rahman, Wojtek Wojakowski

5:05 AM Complication During TAVI Procedure
Case Presenter: Pedro de Araujo Goncalves

5:12 AM Challenging Case of TAVI in AORTIC Valve Without Calcium
Case Presenter: Carlos Cabrera

5:17 AM Roundtable Discussion With Audience QA

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
Coronary: Core

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: Carlos Cabrera, Jose L. Leiva-Pons
Discussants: Magdy Abdelhamid, Pablo D. Charr-y-Amaya, Mohamed Chettibi, Ivo Petrov, Li-Wah Tam

8:30 AM Introduction
Lecturer: Carlos Cabrera

8:35 AM Croatia Presents: Complex LMCA-LAD PCI in NSTEMI
INTERNATIONAL COMPLEX CASE SESSION V: FEATURED COMPLEX CORONARY CASES

Case Presenter: Eduard Margetic
8:45 AM Roundtable Discussion With Audience QA
8:50 AM Colombia Presents: Left Main Coronary Thrombus in a Young Woman 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
Case Presenter: Jochen Wohrle
9:45 AM Roundtable Discussion With Audience QA
9:50 AM Romania Presents: Complex Left Main Trifurcation PCI in a Patient With Left Circumflex and Right Coronary Artery CTO
Case Presenter: Marin Postu
10:00 AM Roundtable Discussion With Audience QA
10:05 AM Switzerland Presents: When What You Always Fear Happens
Case Presenter: Stephane Noble
10:15 AM Roundtable Discussion With Audience QA
10:20 AM Final Thoughts
Lecturer: Jose L. Leiva-Pons

INTERNATIONAL COMPLEX CASE SESSION VI: FEATURED COMPLEX CORONARY CASES

Case Presenter: Mohamed Ahmed Sobhy
2:30 PM Introduction
Lecturer: Mohamed Ahmed Sobhy
2:35 PM Bangladesh Presents: LAD Ostial PCI by an Innovative Technique
Case Presenter: Afzalur Rahman
2:42 PM Roundtable Discussion With Audience QA
2:50 PM One Two Three Breakdance and Twist
Lecturer: Tiziana Claudia Aranzulla
2:57 PM Roundtable Discussion With Audience QA
3:05 PM Bulgaria Presents: Complete Revascularization in Patient With Complex Coronary Artery Disease
Case Presenter: Valery Gelev
3:12 PM Roundtable Discussion With Audience QA
3:19 PM Germany Presents: Complex Retrograde Recanalization of a Chronic Total Occluded Proximal LAD
Case Presenter: Julia Seeger
3:26 PM Roundtable Discussion With Audience QA
3:33 PM Tunisia Presents: An Unusual Etiology of Stent Thrombosis
Case Presenter: Habib Gamra
3:40 PM Roundtable Discussion With Audience QA
3:47 PM Final Thoughts
Lecturer: Khalid Omar Tammam
ALCOHOL-MEDIATED RENAL DENERVATION: THE TARGET BP CLINICAL PROGRAM (SPONSORED BY ABLATIVE SOLUTIONS, INC.)

Alcohol-Mediated Renal Denervation: The Target BP Clinical Program (Sponsored by Ablative Solutions, Inc.)

FRIDAY, SEPTEMBER 27, 2019
6:30 AM - 7:45 AM
Room 211

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

6:45 AM - 7:45 AM
Alcohol-Mediated Renal Denervation: The Target BP Clinical Program
Faculty: Stefan C. Bertog, David E. Kandzari, Melvin D. Lobo, Felix Mahfoud, Horst Sievert
Chairs: Gregg W. Stone, Michael A. Weber

6:45 AM
Alcohol Mediated Renal Denervation: How is it Different
Presenter: Melvin D. Lobo

6:57 AM
Procedure Overview: Alcohol mediated RDN Using the Peregrine System
Presenter: Horst Sievert

7:09 AM
Clinical Evaluation: Peregrine Results to Date
Presenter: Felix Mahfoud

7:21 AM
The Target BP Program: Ongoing and Future Studies
Presenter: David E. Kandzari

7:33 AM
Questions and Answers

EXPERT EXPERIENCE WITH STENT GRAPHS IN TREATING CHALLENGING PERIPHERAL DISEASE (SPONSORED BY WL GORE & ASSOCIATES)

FFRangio and the Rise of Image-Based Fractional Flow Reserve (FFR) (Sponsored by CathWorks)

FRIDAY, SEPTEMBER 27, 2019
6:30 AM - 7:45 AM
Room 203

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

6:45 AM - 7:45 AM
FFRangio and the Rise of Image-Based Fractional Flow Reserve (FFR)
Faculty: Carlos Collet, Subbarao V. Myla, Bruce Samuels, Rahul Prakash Sharma
Chairs: William F. Fearon

6:45 AM
The Revolution of Image based FFR  Introducing the CathWorks FFRangio System
Presenter: Bruce Samuels

6:57 AM
FFRangio Compared to FFR  Clinical Data and Subgroup MVD Analysis
Presenter: William F. Fearon

7:09 AM
Applicability in Serial LesionsDiffuse Disease Results from the Pullback Study
LEFT MAIN BIFURCATION SYMPOSIUM
(SPONSORED BY INDIA MEDTRONIC PVT. LTD.)

FRIDAY, SEPTEMBER 27, 2019
6:30 AM - 7:45 AM
Room 215

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

6:45 AM - 7:45 AM
Left Main Bifurcation Symposium
Faculty: Vinay K. Bahl, Praveen Chandra, Antonio Colombo, Ankush Gupta, Saidur Rahman Khan, Purushotam Lal, Fazila-Tun-Nesa Malik, Rony Mathew, Samuel K. Mathew, Gary S. Mintz

6:45 AM
Live Case: Left Main Bifurcation
Moderators: Antonio Colombo, Ajay J. Kirtane, Gary S. Mintz
Discussants: Vinay K. Bahl, Purushotam Lal, Samuel K. Mathew

7:15 AM
Does Stent Design Make a Difference in Treating LM Bifurcation Lesions
Moderators: Antonio Colombo, Gary S. Mintz
Discussants: Vinay K. Bahl, Purushotam Lal, Samuel K. Mathew

7:22 AM
FFR and OCT Guidance of Left Main Bifurcation PCI
Moderators: Antonio Colombo
Discussants: Vinay K. Bahl, Purushotam Lal, Samuel K. Mathew

7:29 AM
Left Main Bifurcation With OCT
Moderators: Antonio Colombo, Ajay J. Kirtane, Gary S. Mintz
Discussants: Vinay K. Bahl, Purushotam Lal, Samuel K. Mathew

7:36 AM
Complex Left Main Bifurcation: Is Lesion Preparation Necessary
Moderators: Antonio Colombo, Ajay J. Kirtane, Gary S. Mintz
Discussants: Vinay K. Bahl, Purushotam Lal, Samuel K. Mathew

7:43 AM
Summary

NEW FRONTIERS IN PCI: ULTRA-LOW CONTRAST, ARTIFICIAL INTELLIGENCE, AND CO-REGISTRATION (SPONSORED BY PHILIPS)

FRIDAY, SEPTEMBER 27, 2019
6:30 AM - 7:45 AM
Room 213

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

6:45 AM - 7:45 AM
New Frontiers in PCI: Ultra-Low Contrast, Artificial Intelligence, and Co-Registration (Sponsored by Philips)

MANAGEMENT OF COMPLEX PCI PATIENTS: AWARD-WINNING CASE PRESENTATIONS (ORGANIZED BY CRF; SPONSORED BY ABIOMED, INC.)

Management of Complex PCI Patients: Award-Winning Case Presentations (Organized by CRF; Sponsored by Abiomed, Inc.)
TRANSCATHETER VALVE THERAPY | FRIDAY, SEPTEMBER 27, 2019

THE APPROACH TO THE HIGH BLEEDING RISK PATIENT (SPONSORED BY CRF; SUPPORTED BY ABBOTT, BOSTON SCIENTIFIC CORPORATION, AND ORBUSNEICH)

The Approach to the High Bleeding Risk Patient (Sponsored by CRF; Supported by Abbott, Boston Scientific Corporation, and OrbusNeich)

FRIDAY, SEPTEMBER 27, 2019
6:30 AM - 7:45 AM
Room 209-210

6:30 AM - 6:45 AM
Check-In & Breakfast

6:45 AM - 7:45 AM
The Approach to the High Bleeding Risk Patient
Faculty: Dominick J. Angiolillo, Robert A. Byrne, Davide Cao, Davide Capodanno, Giuseppe De Luca, Robert J. De Winter, Ajay J. Kirtane, Mitchell W. Krucoff
Chairs: Roxana Mehran, Philip M. Urban

6:45 AM
Welcome and Introductions
Lecturer: Roxana Mehran

6:46 AM
Case Presentation: A Patient at High Bleeding Risk and CAD Real Management Dilemmas
Case Presenter: Davide Cao

6:50 AM
Identifying the High Bleeding Risk Patient: The ARC HBR Definitions
Lecturer: Philip M. Urban

6:56 AM
Clinical Trial Design in HBR Patients: Should Risk Scores Be Incorporated
Lecturer: Davide Capodanno

7:02 AM
XIENCE ONYX Short DAPT Programs
Lecturer: Mitchell W. Krucoff

7:07 AM
COMBO REDUCE
Lecturer: Giuseppe De Luca

7:12 AM
COBRA REDUCE MASTER DAPT
Lecturer: Robert A. Byrne

7:17 AM
EVOLVE LEADERS Short DAPT Programs
Lecturer: Ajay J. Kirtane

7:22 AM
Drop ASA REDUCE Duration
Lecturer: Roxana Mehran

7:28 AM
Switch Therapies USE NOACs Instead of Coumadin
Lecturer: Dominick J. Angiolillo

7:35 AM
Panel Discussion

7:45 AM
Adjourn

TRANSFORMING ROBOTICS INTO AN ADVANCED CLINICAL TOOL THROUGH AUTOMATION AND REMOTE CAPABILITIES (SPONSORED BY CORINDUS VASCULAR ROBOTICS)
Transforming Robotics Into an Advanced Clinical Tool Through Automation and Remote Capabilities (Sponsored by Corindus Vascular Robotics)

FRIDAY, SEPTEMBER 27, 2019
6:30 AM - 7:45 AM
Room 216

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

6:45 AM - 7:45 AM
Transforming Robotics Into an Advanced Clinical Tool Through Automation and Remote Capabilities
Faculty: Jean FAJADET, William L. Lombardi, Ehtisham Mahmud, Tejas Patel
Chairs: J. Aaron Grantham

6:45 AM  Breakfast Available From 6:30 AM
6:45 AM  Welcome and Overview
   Presenter: J. Aaron Grantham
6:55 AM  Clinical Review
   Presenter: Ehtisham Mahmud
7:05 AM  Robotics in Clinical Practice
   Presenter: William L. Lombardi
7:15 AM  Preparing for a Remote PCI Program Today
   Presenter: Jean FAJADET
7:25 AM  Progress on Automation and Remote
   Presenter: Tejas Patel
7:35 AM  QA Session
   Moderators: J. Aaron Grantham
   Discussants: William L. Lombardi, Ehtisham Mahmud, Tejas Patel

BE CALCULATED: CASE-BASED DISCUSSION OF OPTIMIZING PCI IN SEVERE CALCIFIC CORONARY ARTERY DISEASE (SPONSORED BY CARDIOVASCULAR SYSTEMS, INC.)

Be Calculated: Case-Based Discussion of Optimizing PCI in Severe Calcific Coronary Artery Disease (Sponsored by Cardiovascular Systems, Inc.)

FRIDAY, SEPTEMBER 27, 2019
11:30 AM - 12:30 PM
Presentation Theater 1

11:30 AM - 12:30 PM
Be Calculated: Case-Based Discussion of Optimizing PCI in Calcific Coronary Artery Disease

CONTRAST-INDUCED ACUTE KIDNEY INJURY: PREVENTIVE MEASURES THAT WORK IN HIGH-RISK PATIENTS (SPONSORED BY CRF; SUPPORTED BY ABIOMED, INC., GE HEALTHCARE, AND OSPREY MEDICAL)

Contrast-Induced Acute Kidney Injury: Preventive Measures That Work in High-Risk Patients (Sponsored by CRF; Supported by ABIOMED, Inc., GE Healthcare, and Osprey Medical)
Coronary: CoreCoronary: CHIPVascular

FRIDAY, SEPTEMBER 27, 2019
11:30 AM - 12:30 PM
Presentation Theater 3

11:30 AM - 12:30 PM
Contrast-Induced Acute Kidney Injury: Preventive Measures That Work in High-Risk Patients
Faculty: Amit Amin, Michael P. Flaherty, Nandish ThukralCo-Chairs: Sonjot S. Brar, Roxana Mehran, Anand PrasadPanelists: Emmanouil S. Brilakis, Gennaro Giustino

11:30 AM  Welcome
   Presenter: Ajay J. Kirtane
11:32 AM  The Changing Interventional Practice: Managing a Complex PCI Patient Population
   Presenter: Richard Shlofmitz
11:42 AM  Japans Interventional Practice: Japans Experience With Imaging in the Complex PCI Patient Population
   Presenter: takashi ashikaga
11:52 AM  Panel Discussion
11:54 AM  Taking Control: Treatment Planning in Complex PCI
   Presenter: Sandeep Nathan
12:04 PM  Panel Discussion
12:06 PM  New Insights on Orbital Technology
   Presenter: Jeff Chambers
12:16 PM  Panel Discussion
12:18 PM  Clinical Insights: The Evidence and Technique Behind Orbital Atherectomy
   Presenter: Ajay J. Kirtane
12:28 PM  Panel Discussion and Takeaways
   Moderators: Ajay J. Kirtane
   Discussants: takashi ashikaga, Jeff Chambers, Sandeep Nathan, Richard Shlofmitz
STATE-OF-THE-ART BP-DES: OPTIMIZING ANTIPLATELET THERAPY AFTER PCI IN COMPLEX AND HIGH BLEEDING RISK PATIENTS (SPONSORED BY BOSTON SCIENTIFIC CORPORATION)

FRIDAY, SEPTEMBER 27, 2019
11:30 AM - 12:30 PM
Presentation Theater 4

11:30 AM - 12:30 PM
State-of-the-Art BP-DES: Optimizing Antiplatelet Therapy After PCI in Complex and High Bleeding Risk Patients (Sponsored by Boston Scientific Corporation)
Faculty: Aloke Finn, Ajay J. Kirtane, Robert-Jan Van Geuns, Robert W. Yeh
Chairs: Juan F. Granada

11:30 AM
Short and Optimal DAPT: Lessons From the EVOLVE SHORT DAPT Late Breaking Science
Presenter: Ajay J. Kirtane

11:45 AM
Fundamentals of Stent Design: The BP DES Sweet Spot
Presenter: Aloke Finn

11:55 AM
IDEAL LM Late Breaking Trial: BP DES in Complex Lesion PCI With Shortened DAPT
Presenter: Robert-Jan Van Geuns

12:10 PM
Complex and High Bleeding Risk Patients: Why We Still Need DES Innovation
Presenter: Robert W. Yeh

12:20 PM
Discussion and Take Home
Moderators: Juan F. Granada, Robert-Jan Van Geuns
Discussants: Aloke Finn, Ajay J. Kirtane, Robert W. Yeh

ACURATE NEO, LOTUS EDGE, AND SENTINEL CPS: ADVANCING SAFETY FOR TAVR PATIENTS (SPONSORED BY BOSTON SCIENTIFIC CORPORATION)

ACURATE neo, LOTUS Edge, and Sentinel CPS: Advancing Safety for TAVR Patients (Sponsored by Boston Scientific Corporation)

FRIDAY, SEPTEMBER 27, 2019
1:00 PM - 2:00 PM
Presentation Theater 1

1:00 PM - 2:00 PM
ACURATE neo, LOTUS Edge, and Sentinel CPS: Advancing Safety for TAVR Patients
Faculty: Hemal Gada, Kendra J. Grubb, Raj Makkar, Helge Möllmann, Thomas Pilgrim

1:00 PM
ACURATE neo: Features and Benefits for Optimized TAVR
Presenter: Helge Möllmann

1:15 PM
Lessons From the SCOPE I Study and the ACURATE neo Body of Evidence
Presenter: Thomas Pilgrim

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

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

Structural: Valve
1:30 pm  Real World Experience of the LOTUS Edge Valve
Presenter: Hemal Gada

1:45 pm  Mitigating a Devastating Outcome: SENTINEL CPS in TAVR
Presenter: Kendra J. Grubb

THE FUTURE OF RENAL DENERVATION IS SOUND (SPONSORED BY RECOR MEDICAL, INC.)

The Future of Renal Denervation Is SOUND (Sponsored by ReCor Medical, Inc.)

FRIDAY, SEPTEMBER 27, 2019
1:00 pm - 2:00 pm
Presentation Theater 4

1:00 pm  Introduction to Session
Presenter: Ajay J. Kirtane

1:05 pm  RDN Procedure With the ReCor Paradise Technology: Anatomy Treatment Location Procedure Standardization and Simplicity
Presenter: Chandan Devireddy

1:15 pm  QA
Moderator: Ajay J. Kirtane

1:20 pm  RADIANCE HTN SOLO: In Depth Analysis at 6 Months After Medication Titration and Review of RADIANCE HTN Global Clinical Trial Program
Presenter: Ajay J. Kirtane

1:35 pm  QA
Moderator: Chandan Devireddy, Naomi Fisher

1:40 pm  Clinical Context of SOLO and Future Results and Implications for Who to Treat
Presenter: Naomi Fisher

1:55 pm  QA and Conclusion
Moderator: Ajay J. Kirtane

TOPSHOCK 2019: THE MOST CHALLENGING CASES SIMPLIFIED WITH IVL (SPONSORED BY SHOCKWAVE MEDICAL)

TopShock 2019: The Most Challenging Cases Simplified With IVL (Sponsored by Shockwave Medical)

FRIDAY, SEPTEMBER 27, 2019
1:00 pm - 2:00 pm
Presentation Theater 2

1:00 pm  Introduction and Overview of IVL
Moderators: Dean J. Kereiakes

1:08 pm  Overview of Expanding Applications
Presenter: Dean J. Kereiakes

1:16 pm  TopShock Finalists Present Cases  Winner Announced
Moderator: Jonathan M. Hill, Dean J. Kereiakes

THE MODERN ERA OF VALVE THERAPY (SPONSORED BY CRF; SUPPORTED BY ABBOTT)

The Modern Era of Valve Therapy (Sponsored by CRF; Supported by Abbott)

FRIDAY, SEPTEMBER 27, 2019
1:00 pm - 2:00 pm
Presentation Theater 3
CHIP ANGIOGRAM REVIEW: WHAT’S NEW? (WITH FOCUSED CASE PRESENTATIONS) (SPONSORED BY CRF; SUPPORTED BY ABBOTT, ABIOMED, INC., BOSTON SCIENTIFIC CORPORATION, AND CSI)

CHIP Angiogram Review: What’s New? (With Focused Case Presentations) (Sponsored by CRF; Supported by Abbott, ABIOMED, Inc., Boston Scientific Corporation, and CSI)

FRIDAY, SEPTEMBER 27, 2019
6:00 PM - 8:00 PM
Yerba Buena Ballroom 8

6:00 PM - 6:30 PM
Check-in and reception

6:30 PM - 8:00 PM

6:30 PM Opening Salvo: Is CHIP Relevant and Where PCI Needs to Go in the Next 5 10 Years
Lecturer: Jeffrey W. Moses

6:40 PM Session I: Imaging and Physiology for CHIP
Moderators: Martin B. Leon
Panelists: Ziad A. Ali, Kendra J. Grubb, Ning Guo, Azeem Latib, Nicholas J. Lembo, Akiko Maehara, Gregg W. Stone

6:40 PM Why Imaging and Physiology Are Core Components of CHIP Cases
Lecturer: Allen Jeremias

Complex PCI Case With Imaging and Physiology
Case Presenter: Alaide Chieffo

6:48 PM Clinical Presentation
Angiogram

6:51 PM Discussion of Strategies and Audience Poll

6:56 PM Discussion of What Was Done

7:00 PM Summary With QA

7:05 PM Session II: Coronary Artery Calcium
Moderators: Gregg W. Stone
Panelists: Prashant Kaul, Annapoorna Kini, Jasvindar Singh, Giora Weisz

7:05 PM Keep Your Eyes Open: Insights Into the Treatment of Coronary Calcium
Lecturer: Ajay J. Kirtane

Calcium and Imaging Case Review
Case Presenter: Vivian G. Ng

7:13 PM Clinical Presentation
Angiogram

7:16 PM Discussion of Strategies and Audience Poll

7:22 PM Discussion of What Was Done

7:27 PM Summary With QA

7:32 PM Session III: Complex Multivessel PCI
Moderators: William L. Lombardi
Panelists: Dimitri Karmpaliotis, James M. McCabe, Roxana Mehran, Manish A. Parikh, Andrew Sharp

7:32 PM Weighing Benefits and Risks of Support: A Patient Oriented View
Lecturer: James M. McCabe

High Risk PCI Case Review
Case Presenter: Kathleen Kearney

7:40 PM Clinical Presentation
Angiogram

7:43 PM Discussion of Strategies and Audience Poll

7:49 PM Discussion of What Was Done

7:54 PM Summary With QA

8:00 PM Adjourn

CHINA: INNOVATIONS IN STRUCTURAL HEART DISEASE (ORGANIZED BY CRF; SPONSORED BY VENUS MEDTECH)

China: Innovations in Structural Heart Disease (Organized by CRF; Sponsored by Venus Medtech)

Structural: Valve
Structural: Non-Valve

FRIDAY, SEPTEMBER 27, 2019
6:00 PM - 8:00 PM
Yerba Buena Ballroom 9

6:00 PM - 6:30 PM
Check-in and reception

6:30 PM - 8:00 PM
CHIP Angiogram Review: What’s New? (With Focused Case Presentations) (Sponsored by CRF; Supported by Abbott, ABIOMED, Inc., Boston Scientific Corporation, and CSI)

7:05 PM Session II: Coronary Artery Calcium
Moderators: Gregg W. Stone
Panelists: Prashant Kaul, Annapoorna Kini, Jasvindar Singh, Giora Weisz

7:05 PM Keep Your Eyes Open: Insights Into the Treatment of Coronary Calcium
Lecturer: Ajay J. Kirtane

Calcium and Imaging Case Review
Case Presenter: Vivian G. Ng

7:13 PM Clinical Presentation
Angiogram

7:16 PM Discussion of Strategies and Audience Poll

7:22 PM Discussion of What Was Done

7:27 PM Summary With QA

7:32 PM Session III: Complex Multivessel PCI
Moderators: William L. Lombardi
Panelists: Dimitri Karmpaliotis, James M. McCabe, Roxana Mehran, Manish A. Parikh, Andrew Sharp

7:32 PM Weighing Benefits and Risks of Support: A Patient Oriented View
Lecturer: James M. McCabe

High Risk PCI Case Review
Case Presenter: Kathleen Kearney

7:40 PM Clinical Presentation
Angiogram

7:43 PM Discussion of Strategies and Audience Poll

7:49 PM Discussion of What Was Done

7:54 PM Summary With QA

8:00 PM Adjourn
EXPANDING APPLICATIONS FOR INTRAVENOUS PLATELET INHIBITION (SPONSORED BY CRF; SUPPORTED BY CHIESI)

EXPANDING APPLICATIONS FOR INTRAVENOUS PLATELET INHIBITION (SPONSORED BY CRF; SUPPORTED BY CHIESI)

6:30 PM Welcome Chair: Martin B. Leon
6:30 PM Dinovas Practice of New Innovation Model Lecturer: Runlin Gao
6:37 PM Discussion
6:40 PM Venus Aortic Pipelines and Clinical Results Lecturer: Jun Jiang
6:47 PM Discussion
6:50 PM Reshaping Strategy During TAVR Procedures Lecturer: Mao Chen
6:57 PM Discussion
7:00 PM Taped Case Using VenusA Plus for Patients With AR Lecturer: Xu Wang
7:07 PM Discussion
7:10 PM TriGUARD 3 Technology and Preliminary Clinical Results Lecturer: Jeffrey W. Moses
7:17 PM Discussion
7:20 PM NoYa Technology and a Taped Case Lecturer: Chaim S. Lotan
7:30 PM Discussion
7:35 PM Liwen Procedure Introduction and a Taped Case Lecturer: Liwen Liu
7:45 PM Discussion
7:50 PM A Challenging Case Using New Gen. Retrievable Technology Lecturer: Misbahul Ferdous

CHALLENGING CASES 3

CHALLENGING CASES 3

6:30 PM Which Patients Are and Are Not Candidates for Intravenous Platelet Inhibition During PCI Lecturer: Gregg W. Stone
6:40 PM Roundtable Discussion With Audience QA
6:43 PM Intravenous Platelet Inhibition for PCI: Drug Description and Clinical Outcomes From Randomized Trials and Registries Lecturer: Matthew J. Price
6:58 PM Roundtable Discussion With Audience QA
7:03 PM Intravenous Platelet Inhibition for PCI and Bridging: Duration Oral Drug Conversion and More Lecturer: Dominick J. Angiolillo
7:15 PM Roundtable Discussion With Audience QA
7:19 PM Case 1 Introduction: PCI in a Patient With ACS Case Presenter: David Erlinge
7:22 PM Roundtable Discussion: How Should We Treat This Patient
7:27 PM Case 1 Resolution: How Did We Treat This Patient What Might We Have Done Differently Case Presenter: David Erlinge
7:32 PM Case 2 Introduction: Intravenous Platelet Inhibition During PCI in Complex Stable CAD Case Presenter: Francesco Franchi
7:35 PM Roundtable Discussion: How Should We Treat This Patient
7:40 PM Case 2 Resolution: How Did We Treat This Patient What Might We Have Done Differently Case Presenter: Francesco Franchi
7:45 PM Case 3 Introduction: A Case in Which We Might Consider Bridging Case Presenter: Roxana Mehran
7:48 PM Roundtable Discussion: How Should We Treat This Patient
7:53 PM Case 3 Resolution: How Did We Treat This Patient What Might We Have Done Differently Case Presenter: Roxana Mehran
7:58 PM Take Home Messages: The Expanding Role of Intravenous Platelet Inhibition for PCI Lecturer: Matthew J. Price, Gregg W. Stone
8:00 PM Adjourn
9:15 AM to 10:45 AM
Coronary XI
Discussant: Liang Dong, Vladimir Dzavik, Nieves Gonzalez, Jincheng Guo, Michalis Hamilos, Stefan Harb, Hosam Hasan, Yutaka Hikichi, Jingbo Hou, Dipti Itchhaporia, Aaron V. Kaplan, Yoshiaki Kawase

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: Pratap Kumar

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 Nozoe

9:15 AM
TCT 1219: Missing Left Main: How Did I Treat
Presenting Author: Md Golam Azam

9:15 AM
TCT 1221: Congenital 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
Presenting Author: Marcelo Bastos

9:15 AM
TCT 1223: IMPELLA CP AS A BRIDGE TO SURGERY FOR ANTERIOR POST ISCHEMIC SEPTAL RUPTURE

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 Extracorporeal Membranous Oxygenation ECMO in a case of ST Elevation Myocardial Infarction STEMirequiring tissue 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 Arterial 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

9:15 AM
Presenting Author: Yashwant Agrawal

9:15 AM
TCT 1232: Dismantling of Partially Covered Magnesium Bioresorbable 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 bioresorbable scaffolds 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: Latchumanadhas Kalidoss

9:15 AM
Endovascular III

9:15 AM
TCT 1235: A case of refractory right heart failure due to traumatic rig
**TRANSCATHETER VALVE THERAPY | FRIDAY, SEPTEMBER 27, 2019**

**Discussant:** Christopher J. Cooper, Beau Hawkins, J. Stephen Jenkins, Schuyler

**9:15 AM**

**TCT 1236:** Rescue Intervention in Acute Complicated Type B Aortic Dissection  
*Presenting Author: Chih Hung Lai*

**TCT 1237:** Pedal arch reconstruction in a patient with a poorly healing surgical wound following trans metatarsal amputation.  
*Presenting Author: Christopher Regan*

**TCT 1238:** A case of VIABAHN VBX subacute occlusion implanted for in stent occlusion of Leriche syndrome with severe calcification.  
*Presenting Author: Fujimoto Daichi*

**TCT 1240:** Initial experience of removing calcified plaque by Intentional Crosser Bias Control with Angled Support Catheter REIWA Technique  
*Presenting Author: GO TAKENOUCHI*

**TCT 1241:** Dislodged renal stent retrieved and deployed in good position.  
*Presenting Author: Hady Licha*

**TCT 1242:** Cutted Coronary Balloon Embolisation Novel Technique for Right Hepatic Artery Rupture Bleeding  
*Presenting Author: Harun Kilic*

**TCT 1243:** A unique and challenging May Thurner Syndrome Like case  
*Presenting Author: Juan Manuel Telayna*

**TCT 1244:** Successful Catheter Intervention for Active Bleeding from Giant Multiple Renal Artery Aneurysms.  
*Presenting Author: Kota Komiyama*

**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, 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: Luan Tabaza*

**9:15 AM**

**TCT 1248:** COMPLEX BELOW THE KNEE VASCULAR INJURY: TRANSCOLATERAL EXCLUSION OF A GIANT PSEUODANEURYSM 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: Michael Brener*

**9:15 AM**

**TCT 1251:** Double Barrel Bilateral Iliac Artery Stenting Using Bilateral Radial Artery Access  
*Presenting Author: Mike Gorenchtsein*

**9:15 AM**

**TCT 1252:** Iliac Vein Chronic Total Occlusion Percutaneous Management  
*Presenting Author: Nayun Agarwal*

**9:15 AM**

**TCT 1253:** Percutaneous Transluminal Intervention for Treatment of Critical Hand Ischemia  
*Presenting Author: Omer Celik*

**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 1262:** Transcatheter Management of MitraClip Single Leaflet Detachment with Placement of an Additional Clip and Amplatzer Vascular Plug  
*Presenting Author: Chetan Huded*

**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  
*Presenting Author: Kris Kumar*

**9:15 AM**

**TCT 1264:** Closure of perivalvular leaks after transapical mitral valve in valve replacement.  
*Presenting Author: Kunal Jha*

**9:15 AM**

**TCT 1265:** Acute mitral regurgitation complicated with cardiogenic shock and treated successfully with double mitraclip implantation  
*Presenting Author: Luigi Salemme*

**9:15 AM**

**TCT 1266:** Transcatheter mitral valve implantation in mitral annular calcification after transcatheter aortic valve implantation
CHALLENGING CASES 4

PRESENTING AUTHOR: MANI ARSALAN
9:15 AM TCT 1267: MitraClip XTR implantation in a patient with subaortic membrane and severe mitral regurgitation
Presenting Author: Theodore David Richards

9:15 AM - 10:45 AM

STRUCTURAL VI
Discussant: Joanna Chikwe, Khalil Fattouch, Sachin Goel, Mark J. Goodwin, Paul Gurbel, Jan Harnek, Joseph A. Hill, Katherine Kearney

9:15 AM TCT 1268: Transcatheter mitral valve repair in congenitally corrected transposition of the great arteries
Presenting Author: Mizuki Miura

9:15 AM TCT 1269: Early valve thrombosis after mitral valve in valve procedure.
Presenting Author: Adolfo Chieffo

9:15 AM TCT 1047: Percutaneous transjugular tricuspid valve in valve implantation for degenerated surgical bioprosthetic valve
Presenting Author: Alpide Chieffo-dupre

9:15 AM TCT 1271: Percutaneous transvenous mitral commissurotom in ECMO patient: the bail out technique for unusual life threatening acute mitral valve bioprosthesis failure.
Presenting Author: Petr Zdrahal

9:15 AM TCT 1272: PERCUTANEOUS TRANSVENOUS MITRAL COMMISSUROTOMY IN A TUBULAR HEART
Presenting Author: Preeti Gupt

9:15 AM TCT 1273: Mitral Valve in Valve: A Challenging Case of TAVR
Presenting Author: Ravinder Singh Rao

9:15 AM TCT 1274: Transcatheter Mitral Valve Replacement with the AltaValve: Description of the first case in the United States
Presenting Author: Sachin Goel

9:15 AM TCT 1275: Carillon implantation in a heart not suitable for surgical annular reduction with coronary compromise during implantation
Presenting Author: Steven Gordon

9:15 AM 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

9:15 AM 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.
Presenting Author: Tobias Ruf

9:15 AM 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

9:15 AM TCT 1279: Transcatheter transeptal Mitral Valve in Valve Replacement and iatrogenic atrial septal defect closure in an unstable patient
Presenting Author: William Kong

PRESENTING AUTHOR: WILLIAM KONG
2:00 PM TCT 1291: Repeated antegrade PCI failure for LCX CTO
Presenting Author: Cheng Han Lee (Li)

2:00 PM TCT 1292: Balloon Assisted Guideliner Reverse CART technique for ostial LAD CTO
Presenting Author: Cheng Han Lee (Li)

2:00 PM TCT 1293: Mini Crush Technique Using A Guideliner A Heavily Calcific LAD Diagonal Bifurcation Lesion
Presenting Author: Enrico Romagnoli

2:00 PM TCT 1294: Recanalization of ostial LAD CTO with retrograde approach by tortuous epicardial collaterals with MCS.
Presenting Author: Evandro Martins Filho

2:00 PM TCT 1295: LM Trifurcation treated as Two sequential Bifurcations using two different stent techniques under IVUS guidance
Presenting Author: Dr Parminder Otaal

2:00 PM TCT 1296: Mirror mirror on the wall Trans radial multi vessel PCI to RCA OM amp LAD LAD in dextrocardia
Presenting Author: Aaysha Cader

2:00 PM TCT 1297: Double DoubleKiss Crush: A newer technique for sequential bifurcation lesions
Presenting Author: Fahad Younas

2:00 PM TCT 1298: Complex CTO PCI resolved by multiple new technologies of which direct wiring device.
Presenting Author: Benjamin Faurie

2:00 PM TCT 1299: PCI optimization in a complex case
Presenting Author: Rajesh Vijayvergiya

2:00 PM TCT 1291: Repeated antegrade PCI failure for LCX CTO
Presenting Author: Chi Yan Fung

2:00 PM

TCT 1295: Percutaneous intervention of Double Chronic Total Occlusions of the Left Circumflex and Right Coronary Arteries Using Anterograde and Retrograde Approach
Presenting Author: Chinmaya Mareddy

2:00 PM

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

2:00 PM

TCT 1297: Overcoming deficiencies in 2 stent LMS bifurcation with optimum lesion preparation with rota shock technique
Presenting Author: SATNAM SINGH

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 1299: Chain reaction Endless nightmares
Presenting Author: Dhiman Banik

2:00 PM

TCT 1300: No decent native vessels poor Lm in acute coronary syndrome presented as pulmonary oedema
Presenting Author: Dimitris Tsikaderis

2:00 PM

TCT 1301: Retrograde coronary intervention for chronic total occlusion via a Single distal radial artery
Presenting Author: Do hoi Kim

2:00 PM

TCT 1302: Antegrade PCI for left main ostial CTO
Presenting Author: Dong-Kie Kim

2:00 PM

TCT 1303: LM 1anomalous 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 had LDL 450 xantoma and cholesteromas
Presenting Author: Ibrahim Fahsah

2:00 PM

TCT 1304: Acute Right Coronary Artery Thrombosis Precipitating Severe Left Main Territory Ischemia
Presenting Author: Jignesh Patel

2:00 PM

TCT 1305: Calcium the enemy of PCI in elderly ACS patients
Presenting Author: Johann Auer

2:00 PM

TCT 1306: GIANT CORONARY ARTERY ANEURYSM AS A CAUSE OF ACUTE MYOCARDIAL INFARCTION HOW TO TREAT.
Presenting Author: eduardo bravo

2:00 PM

TCT 1307: Ectatic RCA treated by Stents Self Apposing stent in the setting of ACS

2:00 PM - 3:30 PM

Coronary XIV

Discussant: Jose A. Alvarez, Sukhdeep Singh Basra, Patricia J. Best, Ronald Caputo, Nicola Corvaja, Donald Cutlip, Steffen Desch

2:00 PM

TCT 1294: Child in Mother Technique to Facilitate Retrograde Microcatheter Advance in CTO Intervention
Presenting Author: Ching Tang Chang

2:00 PM - 3:30 PM

Coronary XV


2:00 PM

TCT 1308: A Challenging Case Of Spontaneous Coronary Artery Dissection In A Male With Unstable Angina
Presenting Author: Prashanth Panduranga

2:00 PM

TCT 1309: A case of Rotational Atherectomy during Primary Angioplasty
Presenting Author: PRAVEEN PAI

2:00 PM

TCT 1310: A HIDDEN OSTIAL LEFT MAIN IN A PATIENT WITH RECURRENT LVF
Presenting Author: Puneet Gupta

2:00 PM

TCT 1311: Thrombus storm in leftmain bifurcation the nightmare is happening what should we do next
Presenting Author: QUAN NGUYEN MANH

2:00 PM

TCT 1312: Acute Coronary Syndrome in an Elderly Male Patient with Isolated Large Left Ventricular Hydatid Cyst Treated by PCI
Presenting Author: Raghuram Palaparti

2:00 PM

TCT 1313: FAILED CONSERVATIVE TREATMENT OF SPONTANEOUS CORONARY ARTERY DISSECTION
Presenting Author: Robert-Jan Van Geuns

2:00 PM

TCT 1314: Change of Bifurcation Strategy for a patient with unstable angina from V Stenting to mini crush.
Presenting Author: Rohit Mody

2:00 PM

TCT 1315: PHARMACOINVASIVE APPROACH IN ACS WITH ACUTE THROMBOTIC OCLUSION OF SVG LAD GRAFT A TOUGH ENEMY TO CONQUER
Presenting Author: Rutvik Trivedi

2:00 PM

TCT 1316: Acute Inferior STEMI with Cardiogenic Shock A new management algorithm
Presenting Author: Sanjeev Kumar Agarwal

2:00 PM

TCT 1317: Hyperkalemia The great mimicker.
Presenting Author: Sarfaraz Memon

2:00 PM

TCT 1318: PCI amp Stenting of LCA originating from Non Coronary Sinus
Presenting Author: Saurabh Mehratra

2:00 PM

TCT 1320: RE Do PCI in ACS due to intracoronary hematoma
Presenting Author: Stefan Mat

2:00 PM

TCT 1321: Bifurcation PCI in Acute Coronary Syndrome a challenge for interventionalist
Presenting Author: surender deora

2:00 PM

TCT 1322: Acute No Dominant Right Coronary Artery Occlusion Presented as Anterior ST Elevation Myocardial Infarction
Presenting Author: Tanowan Riangwiwat

2:00 PM

TCT 1324: Retrieval of two dislodged coronary stents from the ascending aorta with a snare loop
Presenting Author: Ioannis Iakovou

2:00 PM - 3:30 PM

Coronary XVI

Presenting Author: Mohammed Balghith
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 Eshorkawi

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 ostio proximal LAD coronary artery aneurysm with subsequent total occlusion of a tortuous ostial LCX after coil herniation  
Presenting Author: Andre Lawrence Tjino

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 1331: Broken Undeflatable 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 Undeflatable 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: Kesavamoorthy Bhoopalan

2:00 PM TCT 1339: Radial First ..... Think Twice  
Presenting Author: Khaled Mansour

2:00 PM - 3:30 PM Coronary XVII  
Discussant: Provin K. Goel, Jincheng Guo, Stefan Harb, Yutaka Hikichi, Jingbo Hou, Angela Hoye, Dipi Itchhaporia, Adam Janas, Jun Jiang, Aaron V. Kaplan, Yoshiaki Kowase, 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 casewith 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 ImpellaBailoutin Valve In Valve Transcatheter Aortic Valve Replacement: The importance of OptimalProcedure Planning  
Presenting Author: Luis Dallan

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  
Presenting Author: Prafull Sharma

2:00 PM TCT 1351: Calcified LAD1 Bifurcation DK Crush to culotte technique  
Presenting Author: PREETI SHARMA

2:00 PM TCT 1352: OCT Guided Bifurcation Stenting to LMLAD and RAMUS  
Presenting Author: SELVAMANI SETHURAMAN

2:00 PM TCT 1353: Serial Angioscopic Evaluation of Arterial Repair After the Implantation of Drug Coated Stent at the Culprit of Acute Coronary Syndrome  
Presenting Author: Shumpei Kosugi

2:00 PM TCT 1354: A case of successful treatment for chronic total occlusion using the rendezvous technique with a single guiding catheter.  
Presenting Author: Takahisa Tanaka

2:00 PM - 3:30 PM Endovascular V  

2:00 PM TCT 1355: Transfemoral Transcatheter Aortic Valve Replacement inHigh 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: Jonalucero

2:00 PM TCT 1359: Successful Percutaneous Trapping of an Anomalous Splenic Artery Aneurysm
TRANSCATHETER VALVE THERAPY | FRIDAY, SEPTEMBER 27, 2019

Presenting Author: KUNAL MAHAJAN

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

TCT 1360: Third Time is The Charm
Presenting Author: Maryna Popp

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

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

TCT 1363: Percutaneous closure of multiple subannular PA of aortic root following surgical aortic valve replacement
Presenting Author: Oleg Krestyaninov

TCT 1364: TRAUMATIC FISTULA BETWEEN THE INNOMINATED VEIN AND THE AORTIC ARCH NOT EVERYTHING IS CORONARY
Presenting Author: Paulina Cisneros

TCT 1365: Fully percutaneous aneurysm sac embolization in type 1B endoleak
Presenting Author: RAMON RAMIREZ KOELLIKER

TCT 1366: Correction of a Malpositioned Self Expanding Transcatheter Aortic Valve Replacement Using Snare Maneuver
Presenting Author: uday ponangi

TCT 1367: The Dynamic Evolution of Aortic Intramural Haematoma
Presenting Author: XUN YUAN

2:00 PM - 3:30 PM
Endovascular VII
Discussant: Christopher J. Cooper, Beau Hawkins, Shingo Kaneko, Vishal Kapur, Zaza Kavteladze, Lee Kirksey, Charles Matouk, Matthew T. Menard, Peter P. Monteleone, Milut Patel

TCT 1368: Endovascular coil embolization treatment of a right coronary artery giant aneurysm
Presenting Author: Yoshio Kazuno

TCT 1369: Challenging renal artery intervention perforation and timely escape
Presenting Author: Alok K. Ranjan

TCT 1370: Never ending nightmare at femoral access site
Presenting Author: Bhawan Chandra Tiwari

TCT 1371: Unexpected use of Proglide in Aortic Arch
Presenting Author: Salvatore Sacca

TCT 1372: Inadvertent large sheath deep in the proximal common carotid artery Successul removal using Proglide Closure Device
Presenting Author: Dimitrios Nikas

TCT 1373: A Novel Subcutaneous Fat Tissue Embolisation Technique for Renal Hemorrhage Complications
Presenting Author: ERHAN TENEKECIOGLU

TCT 1374: An unusual treatment of peripheral stent dislodgement
Presenting Author: mehmet erturk

TCT 1375: Iatrogenic Radial Artery Perforation in Coronary Intervention
Presenting Author: Sathish Pararasanan

TCT 1376: Blood Thrombin PatchRepair of Ruptured Femoral Artery Pseudo Aneurysm
Presenting Author: Madhu K. Sreedharan

TCT 1377: A simple thing can save the life
Presenting Author: Fazila-Tun-Nesa Malik

TCT 1378: the extraction of the Pecemaker Lead Entraapped by a Eustachian valve
Presenting Author: Noriyuki Kawaura

TCT 1379: Traumatic aorto atrial fistula due to peripheral stent migration.
Presenting Author: Sonal Pruthi

TCT 1380: Bail out from brow out perforation in SFA without stentgraft
Presenting Author: Takuma Tsuda

2:00 PM - 3:30 PM
Endovascular VII
Discussant: Christopher J. Cooper, Beau Hawkins, Shingo Kaneko, Vishal Kapur, Zaza Kavteladze, Lee Kirksey, Charles Matouk, Matthew T. Menard, Peter P. Monteleone, Milut Patel

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

TCT 1383: A case report of pulmonary vein intervention for pulmonary vein stenosis after radiofrequency ablation for atrial fibrillation.
Presenting Author: TATSUNORI IKEDA

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

TCT 1385: Catheter directed thrombolysis for management of lower extremity acute limb ischemia four days after intracranial hemorrhage
Presenting Author: Valentina Jaramillo

TCT 1386: Sirolimus Eluting BioResorbable Peripheral Scaffold System in Patient With Chronic Kidney Disease and Hypertension
Presenting Author: KMK Reddy

TCT 1387: Phlegmasia Cerulea Dolens Secondary to May Turner Syndrome
Presenting Author: Wai Kin Chi

TCT 1388: Successful catheter directed thrombolysis of massive bilateral upper extremity DVT presenting as SVC syndrome
Presenting Author: Dominika Zoltowska

TCT 1389: A case with Leriche syndrome popliteal artery occlusion and chronic venous ulcers Which lesions and when should we treat...
2:00 PM - 3:30 PM   Coronary XIX

Discussant: Robin Dra Nath Chakrabarty, Jeff Chambers, Kam-Tim Chan, Aakriti Gupta, Martin Hudec, Michael 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 Sogame

2:00 PM   TCT 1394: Importance of Integrating Coronary Anatomy and Physiology
Presenting Author: Ahmed El Amrawy

2:00 PM   TCT 1395: The dPRFFR evaluation case for the Coronary artery Pulmonary artery fistula CAPA fistula who had been suspected as STEMI at first.
Presenting Author: Kyosuke Furuhashi

2:00 PM   TCT 1396: A Novel Assessment of ischemia in Patients with Anomalous Coronary Arteries
Presenting Author: Lenin 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, Quang T. Bui, Eduardo De Marchena, Robbert J. De Winter, Cameron Dowling, Makram R. Ebeid, Marvin H. Eng, Francisco Fernandez-Aviles, Craig E. Fleshman, Jason Foerst, Christian Frekker

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

2:00 PM   TCT 1403: CoreValve compression due to extreme Aortic Valve Calcification
Presenting Author: John Ko

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 1407: Uncomplicated Balloon Aortic Valvuloplasty in a Patient with Severe Aortic Stenosis and Left Ventricular Thrombus Using Cerebral Embolic Protection Devices
Presenting Author: Adnan Khalif

2:00 PM   TCT 1408: Percutaneous closure of Aortic Right Ventricular Fistula and Paravalvular leak after Transcatheter Aortic Valve Implantation
Presenting Author: Ahmed Alabbady

2:00 PM   TCT 1409: A tailored approach to Valve in Valve.
Presenting Author: Antonio Mangieri

2:00 PM - 3:30 PM   Structural VIII


2:00 PM   TCT 1410: Severe Aortic Insufficiency and a Ventricular Septal Defect as a Result of Endocarditis Treated with Valve in Valve TAVR and Ventricular Septal Defect Closure
Presenting Author: Alina Brener

2:00 PM   TCT 1411: TAVR in TAVR in a surgically replaced aortic valve with a homograft.
Presenting Author: Fady Marmoush

2:00 PM   TCT 1412: Catastrophic complication of intraprosthetic regurgitation duringtranscatheter aortic valve implantation
Presenting Author: Yoshihki Matsuo

2:00 PM   TCT 1413: BILATERAL TRANSRADIAL AORTIC VALVULOPLASTY WITH DOUBLE ANGIOPLASTY BALLOON OUR FIRST EXPERIENCE.
Presenting Author: Ramiro Trillo Nouche

2:00 PM   TCT 1415: First Transcaval Transcatheter Aortic Valve Replacement using 14F Axela Sheath and a 26mm Sapien Ultra Valve
Presenting Author: Hector Alvarez

2:00 PM   TCT 1416: A new era for minimally calcified aortic valves First in human use of the transcatheter Centera valve in pure aortic regurgitation.
Presenting Author: Hector Alvarez

2:00 PM   TCT 1418: Unorthodox and Unnerving A Challenging Para Valvular Leak Closure
Presenting Author: Imran BAIG

2:00 PM   TCT 1419: When Access is the Issue: Transaxillary Approach for TAVR in a Patient with Peripheral Artery Disease
Presenting Author: Jacob Grand

2:00 PM   TCT 1420: Challenging transcatheter aortic valve implantation with Myval balloon expandable transcatheter heart valve in a patient with severely calcified bicuspid aortic valve and severe aortic stenosis
Presenting Author: Rabin dra Nath Chakraborty, Jeff Chambers, Kam-Tim Chan, Aakriti Gupta, Martin Hudec, Michael C. Kim, Spencer B. King III, Lloyd W. Klein, Sampath Kumar, Amir Lotfi, Matthias Lutz, Nish Patel

2:00 PM   TCT 1421: Catastrophic complication of intraprosthetic regurgitation duringtranscatheter aortic valve implantation
Presenting Author: Yoshikatsu Sogame

2:00 PM   TCT 1422: 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 1423: Severe Aortic Insufficiency and a Ventricular Septal Defect as a Result of Endocarditis Treated with Valve in Valve TAVR and Ventricular Septal Defect Closure
Presenting Author: Alina Brener

2:00 PM   TCT 1424: TAVR in TAVR in a surgically replaced aortic valve with a homograft.
Presenting Author: Fady Marmoush

2:00 PM   TCT 1425: Catastrophic complication of intraprosthetic regurgitation duringtranscatheter aortic valve implantation
Presenting Author: Yoshihki Matsuo
POSTERS ABSTRACTS II

Posters Abstracts II
Coronary: CHIP
Coronary: Core
Structural: Valve

FRIDAY, SEPTEMBER 27, 2019
9:15 AM - 10:45 AM
Hall D

9:15 AM - 10:45 AM
Coronary VIII
Discussant: Mohamed Ali Elsalamony, Mohamed Elsayed Elsetiha, Mohammad El Tahlawi, Spencer B. King III, Ganesan Nambirajan, Massimo Napodano, Nish Patel, Marcello Sena

9:15 AM
TCT 925: Hourly Weekly and Annual Variation of Incidence of Myocardial Infarction and Cardiogenic Shock in Central Europe. Results From Multicenter Registry.
Presenting Author: Piotr Kunik

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: Nobil 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 tomograhpmagnetic 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: Pengyong 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
Presenting Author: Pradeep Rajnala

9:15 AM
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: Yusuke Miyazaki

9:15 AM
TCT 934: Advanced Age and Myocardial Injury in ST segment Elevation Myocardial Infarction: a Cardiac Magnetic Resonance Imaging Study
Presenting Author: Ik Hyun Park

9:15 AM
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 Garlichs, Jorge Gaspar, Robert J. Gil, Jun Jiang, Yader Sandoval, Ricardo Sanz-Ruiz

9:15 AM
TCT 936: MOCA I Study Microvascular obstruction treatment efficacy measured using dynamic Microvascular Resistance dMVR
Presenting Author: Robert S. Schwartz

9:15 AM
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

9:15 AM
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

9:15 AM
TCT 939: Mesh Covered Stent Versus DES Implantation in Diseased Saphenous Vein Graft: Comparative Analysis of Short Term Complications
Presenting Author: Carlos Cafri

9:15 AM
TCT 940: Relative impact of clinical and procedural characteristics on clinical outcomes after Percutaneous Coronary Intervention.
Presenting Author: Jeehoon Kang

9:15 AM
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, Neal S. Kleiman, Hidetaka Nishina

9:15 AM
TCT 942: Early procedural results and outcomes after chronic total occlusion angioplasty: experience of a treatment program
Presenting Author: Vera Marinho

9:15 AM
TCT 943: Short term clinical outcomes of percutaneous coronary intervention of unprotected left main coronary disease in cardiogenic shock
Presenting Author: Luis Nombela-Franco

9:15 AM
TCT 944: Excimer Laser Coronary Angioplasty for Stent Underexpansion: Single Center Experience and Outcomes
Presenting Author: John Nan
9:15 AM  TCT 945: 30 day Readmission Following Revascularization in Patients With Chronic Total Occlusion of Coronary Arteries Presenting With Angina: Insight From Nationwide Readmission Database Presenting Author: Neel Patel

9:15 AM  TCT 946: 30 Day and 1 Year Outpatient PCI Outcomes after Same Day Discharge: A Retrospective Single Center VA Experience Presenting Author: Sanket Gokhale

9:15 AM  TCT 947: Clinical outcomes at 3 years of the Absorb bioresorbable vascular scaffold versus the Xience drug eluting metallic stent in diabetic or non diabetic patients in routine PCI AIDA trial sub study. Presenting Author: Ruben Tijssen

9:15 AM - 10:45 AM  Coronary XII Discussant: Lloyd W. Klein, Shahar Lavi, Abdullah Al Shafi Majumder, Carlos E. Uribe, Zhao Wang, Jennifer Yu

9:15 AM  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

9:15 AM  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

9:15 AM  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

9:15 AM  TCT 951: Cancer diagnosis in patients undergoing percutaneous coronary intervention Presenting Author: KENJI KANENAWA

9:15 AM  TCT 952: Prediction Model for Clinically Relevant Diagonal Branches Based on Anatomical Attributes Presenting Author: Seokhun Yang


9:15 AM  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: Jerzy Sacha

9:15 AM  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: Guofeng Gao

9:15 AM  TCT 973: Postprocedural Radial Artery Compression Time In ChronicAnticoagulated patientsusing StatSeal: The PRACTICAL SEAL FeasibilityStudy Presenting Author: Rodrigo Bagur

9:15 AM  TCT 975: Distal Transradial Approach for Primary Percutaneous Coronary Intervention for Patients With Acute Myocardial Infarction: A Multicentre Study Presenting Author: Takeshi Yamada

9:15 AM  TCT 9476: Relationship Between Sclerostin and Coronary Tortuosity in Postmenopausal Females With Non Obstructive Coronary Artery Disease Presenting Author: El Sayed Farag


9:15 AM  TCT 977: Regional disparities in hospitalization rates for ischemic heart diseases in women between the south and southeast regions of Brazil from 2013 to 2018. Presenting Author: Marcelo Puzzi

9:15 AM  TCT 952: The Role of In Silico Coronary Arterial VesselReconstruction in Determining the Accuracy of Virtual Diagnostic Workflows for Coronary Artery Disease Presenting Author: Roshni Solanki

9:15 AM  TCT 953: Reinforcement learning for guidewire navigation in coronary phantom Presenting Author: Kyoseok Song

9:15 AM  TCT 954: Impact of Myocardial Bridge on Late Lumen Enlargement in Distal Reference Segments After Recanalization of Chronic Total Occlusion in Left Anterior Descending Artery Presenting Author: yoshiyuki okuya

9:15 AM  TCT 955: Coronary Artery Aneurysms Caused by Atherosclerosis or Kawasaki Disease have Different Characteristics by Intravascular Ultrasound and Fractional Flow Reserve Presenting Author: Sherif Rizk

9:15 AM  TCT 956: Angiography alone versus angiography plus intracoronary imaging to guide percutaneous coronary intervention: Outcomes from Wakayama Multicenter PCI registry Presenting Author: Kunihiro Shimamura

9:15 AM  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: Jerzy Sacha

9:15 AM  TCT 958: Prognostic Evaluation of Point Of Care Lung Ultrassound and Intravascular Ultrasound and Fractional Flow Reserve Presenting Author: Sherif Rizk

9:15 AM  TCT 959: Coronary Artery Aneurysms Caused by Atherosclerosis or Kawasaki Disease have Different Characteristics by Intravascular Ultrasound and Fractional Flow Reserve Presenting Author: yoshiyuki okuya

9:15 AM  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

9:15 AM  TCT 951: Cancer diagnosis in patients undergoing percutaneous coronary intervention Presenting Author: KENJI KANENAWA

9:15 AM  TCT 952: Prediction Model for Clinically Relevant Diagonal Branches Based on Anatomical Attributes Presenting Author: Seokhun Yang


9:15 AM  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: Jerzy Sacha
9:15 AM - 10:45 AM
Coronary and Structural I
Discussant: Alejandro Cherro, Matthew J. Daniels, Eduardo De Marchena, Robert J. De Winter, Cameron Dowling, Christophe Dubois, Karel T. Koch, Heitor Medeiros

9:15 AM
TCT 951: Unique computational visualization of a vessel manipulation during large bore transcatheter insertions viewed in virtual reality
Presenting Author: Mikayle Holm

9:15 AM
TCT 959: Cardiovascular Magnetic Resonance CMR Predictors of Clinical Outcomes in Patients with Hypertrophic Cardiomyopathy
Presenting Author: bhishma chowdary

9:15 AM
TCT 978: Transcatheter Aortic Valve Implantation for Failing Surgical Aortic Valves: A Single Center Experience
Presenting Author: Riyad Kherallah

9:15 AM
TCT 979: Acute Changes in Left Ventricular Cardiac Mechanics post Transcatheter Aortic Valve Replacement by Speckle Tracking Echocardiography
Presenting Author: Stamatios Lerakis

9:15 AM
TCT 980: Coronary Hemodynamics Improvement due to Left Ventricular Reverse Remodeling after Transcatheter Aortic Valve Replacement
Presenting Author: Kazuki Mizutani

9:15 AM
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
Presenting Author: Yu Takahashi

9:15 AM
TCT 962: Influence of Side Branches in Computational Fractional Flow Reserve derived from Intravascular Ultrasound
Presenting Author: Cristiano Guedes Bezerra

9:15 AM
TCT 963: Feasibility and Correlation of Angiogram Derived Vessel Fractional Flow Reserve in a Population Undergoing Percutaneous Coronary Intervention
Presenting Author: Luis Augusto Palma Dallan

9:15 AM - 10:45 AM
Coronary XVI
Discussant: Anvar Babaev, Gregory Barsness, Theodore A. Bass, Ivo Bernat, Salvatore Brugaletta, Jeff Chambers

9:15 AM
TCT 964: Investigation of the Effect of Age on Instantaneous Wave Free Ration in Patients with Intermediate Epicardial Artery Disease
Presenting Author: Yasunori Inoue

9:15 AM
TCT 965: Usefulness of the trans stent fractional flow reserve gradient for predicting clinical outcomes after drug eluting stent implantation.
Presenting Author: Hyoung-Mo Yang

9:15 AM
TCT 967: The Utility of iFR for Predictor of MACE in Stable Angina Pectoris
Presenting Author: Nao Yasuda

9:15 AM
TCT 901: Budget Impact of Mechanically Expanded Versus Self expanding Transcatheter Aortic Valve Replacement in High risk Patients with Aortic Stenosis: A Medicare Perspective
Presenting Author: David G. Rizik

9:15 AM
TCT 905: Unique computational visualization of a vessel manipulation during large bore transcatheter insertions viewed in virtual reality
Presenting Author: Mikayle Holm

9:15 AM
TCT 994: Transcatheter Treatment of Severe Tricuspid Regurgitation: First Experiences With the Edge to Edge Technique Using the MitraClip
Presenting Author: Sylvia Otto

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: Francisco José Romeo

9:15 AM

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: M.S. van Mourik

9:15 AM
TCT 987: National Trends in Transcatheter Aortic Valve Replacement in Cardiogenic Shock Patients
Presenting Author: Logan Vincent

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 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

9:15 AM
TCT 994: Transcatheter Treatment of Severe Tricuspid Regurgitation: First Experiences With the Edge to Edge Technique Using the MitraClip
Presenting Author: Sylvia Otto
PHYSIOLOGY SIMPLIFIED: A HANDS-ON RFR SKILLS LAB

Physiology Simplified: A Hands-On RFR Skills Lab
Coronary: Core

FRIDAY, SEPTEMBER 27, 2019
8:00 AM - 9:30 AM
Abbott Pavilion

8:00 AM - 8:15 AM
Didactic Session
Training Pavilion Faculty: Kevin J. Croce, Vamsi Krishna, Eric Lindley, Bruce Samuels, R. Jay Widmer, Jason Wollmuth

8:15 AM - 9:30 AM
Hands-On Activity Guided by Five Case Scenarios: Utilizing a Wet Model to Perform RFR and FFR
Training Pavilion Faculty: Kevin J. Croce, Vamsi Krishna, Eric Lindley, Bruce Samuels, R. Jay Widmer, Jason Wollmuth

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
Coronary: Core

FRIDAY, SEPTEMBER 27, 2019
10:00 AM - 11:30 AM
Abbott Pavilion

10:00 AM - 10:20 AM
OCT: Now That I See It — Presentation

10:20 AM - 11:30 AM
Hands-On Sessions

THE IMPACT OF DESIGN ON CORONARY GUIDEWIRE PERFORMANCE: A HANDS-ON EXPERIENCE

The Impact of Design on Coronary Guidewire Performance: A Hands-On Experience
Coronary: CHIP
Coronary: Core

FRIDAY, SEPTEMBER 27, 2019
12:00 PM - 1:30 PM
Abbott Pavilion

12:00 PM - 1:30 PM
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, Willis Wu

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
Coronary: Core

FRIDAY, SEPTEMBER 27, 2019
2:00 PM - 3:30 PM
Abbott Pavilion

2:00 PM - 2:15 PM
Didactic Session
## Large-Bore Access To Close: What You Want (And Need) To Know

**FRIDAY, SEPTEMBER 27, 2019**

**4:00 PM - 5:30 PM**

Abbott Pavilion

**4:00 PM - 4:20 PM**

**Introduction: Access Planning and Management Complications Review**

Training Pavilion Faculty: Adhir Shroff, Rajeev Tayal

**4:20 PM - 5:30 PM**

**Hands-On Device Deployment**

Training Pavilion Faculty: Adhir Shroff, Rajeev Tayal

## ROTAPRO™ for Plaque Modification and Vessel Prep

**FRIDAY, SEPTEMBER 27, 2019**

**8:00 AM - 9:30 AM**

Boston Scientific Pavilion

**8:00 AM - 9:30 AM**

**ROTAPRO™ for Plaque Modification and Vessel Prep**

Training Pavilion Faculty: Ramy Badawi, Sanjog Kalra

- **8:00 AM** Introduction
- **8:05 AM** ROTAPRO Rotational Atherectomy System: 25 Years of Proven Clinical Safety and Efficacy
- **8:35 AM** Hands On Rotations

## Complex Lesion Algorithmic Approach: Proven Devices and New Applications

**FRIDAY, SEPTEMBER 27, 2019**

**10:00 AM - 11:30 AM**

Boston Scientific Pavilion

**10:00 AM - 11:30 AM**

**Complex Lesion Algorithmic Approach: Proven Devices and New Applications**

Training Pavilion Faculty: Brian K. Jefferson, Taral Patel

- **10:00 AM** Introduction
- **10:05 AM** Complex Lesion Algorithmic Approach: Proven Devices and New Applications
- **10:35 AM** Hands On Rotations

## Transseptal Hands-On Training Program

**FRIDAY, SEPTEMBER 27, 2019**

**12:00 PM - 1:30 PM**

Boston Scientific Pavilion

**12:00 AM - 1:30 AM**

**Transseptal Hands-On Training Program**

Training Pavilion Faculty: Paul D. Mahoney, Rahul Prakash Sharma, Thomas E. Waggoner

- **12:00 AM** Introduction
- **12:05 AM** Video Tutorials
- **12:20 AM** Step by Step Transseptal Technique Interventional Tools and Complication Management
- **12:40 AM** Hands On Rotations

## Advanced Techniques for LAAC Programs
Advanced Techniques for LAAC Programs

FRIDAY, SEPTEMBER 27, 2019
2:00 PM - 3:30 PM
Boston Scientific Pavilion

2:00 PM - 3:30 PM
Advanced Techniques for LAAC Programs
Training Pavilion Faculty: Mohamad Adnan Alkhouli, Amar Patel, Willis Wu

2:00 PM
Introduction
2:05 PM
DataProcedural Overview
2:35 PM
Case Reviews and Workflow Examples

TRANSEPTAL HANDS-ON TRAINING PROGRAM

Transseptal Hands-On Training Program
Structural: Valve

FRIDAY, SEPTEMBER 27, 2019
4:00 PM - 5:30 PM
Boston Scientific Pavilion

4:00 PM - 5:30 PM
Transseptal Hands-On Training Program
Training Pavilion Faculty: Paul D. Mahoney, Thomas E. Waggoner

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

BIFURCATION PCI: A STEP-BY-STEP TRAINING APPROACH (VISIBLE HEART)

Bifurcation PCI: A Step-by-Step Training Approach (Visible Heart)
Coronary: CHIP

FRIDAY, SEPTEMBER 27, 2019
10:00 AM - 11:30 AM
Medtronic Pavilion

10:00 AM - 11:30 AM
Bifurcation PCI: A Step-by-Step Training Approach (Visible Heart)
Training Pavilion Faculty: Francesco Burzotta, Ricardo A. Costa, David Hildick-Smith, Jens Flensted Lassen, Azeem Latib, Goran Stankovic

10:00 AM
Introduction
10:05 AM
Bifurcation Techniques With Integrated Visible Heart Laboratories Footage
10:45 AM
Hands On Simulation

WHO IS MY POTENTIAL RDN CANDIDATE?: AN INTERACTIVE DISCUSSION ON RDN CANDIDATE SELECTION

Who is my Potential RDN Candidate?: An Interactive Discussion on RDN Candidate Selection
Vascular

ONYX ONE AND THE HIGH BLEEDING RISK PATIENT: REAL-WORLD CASE REVIEWS AND DISCUSSION
### Onyx ONE and the High Bleeding Risk Patient: Real-World Case Reviews and Discussion

**Coronary: CHIP**

**2019/09/27 12:00 PM - 1:30 PM**
**Medtronic Pavilion**

**Training Pavilion Faculty:** Aloke Finn, Elvin Kedhi, Roxana Mehran, Daniel I. Simon, Stephan Windecker

---

### TAVR in Bicuspid Aortic Valves

**TAVR in Bicuspid Aortic Valves**

**Structural: Valve**

**2019/09/27 2:00 PM - 3:30 PM**
**Medtronic Pavilion**

**Training Pavilion Faculty:** John K. Forrest

- **2:00 PM** Introduction
- **2:05 PM** Overview Identification Sizing and Classification of Bicuspid Aortic Valves
- **2:30 PM** Procedural Considerations
- **2:45 PM** 3Mensio Imaging Review
- **3:00 PM** Interactive Case Review and Assessment

---

### Contemporary Considerations for TAVR Hemodynamics

**Contemporary Considerations for TAVR Hemodynamics**

**Structural: Valve**

**2019/09/27 4:00 PM - 5:30 PM**
**Medtronic Pavilion**

**Training Pavilion Faculty:** Guilherme Attizzani, G. Burkhard Mackensen, Michael J. Reardon

- **4:00 PM** Introduction
- **4:05 PM** Importance of TAVR Hemodynamics and Current Data
- **4:30 PM** TAVR Imaging Assessments: What Every Implanter Needs to Know
- **5:00 PM** Interactive Discussion and Case Reviews

---

### SEE CLEARLY, TREAT OPTIMALLY: PRACTICAL TRAINING IN DYNAMIC CORONARY ROADMAP AND INTRASIGHT

**See Clearly, Treat Optimally: Practical Training in Dynamic Coronary Roadmap and IntraSight**

**Coronary: Core**

**2019/09/27 8:00 AM - 9:30 AM**
**CRF Pavilion 1**

**Training Pavilion Faculty:** Karim Al-Azizi, Jasvindar Singh

- **8:00 AM** Introduction
- **8:05 AM** KOL Presentation: WAZE to See Clearly and Guide Confidently Case Based Review
- **8:25 AM** Dynamic Roadmap With Simulator
- **8:40 AM** IntraSight 7: Physiology and Sync
- **8:55 AM** IntraSight 7: IVUS and Sync
- **9:10 AM** Level EX Rotation
- **9:25 AM** Closing and Adjourn

---

### SEE CLEARLY, TREAT OPTIMALLY: PRACTICAL TRAINING IN INTRASIGHT, IFR AND IFR CO-REGISTRATION

**See Clearly, Treat Optimally: Practical Training IntraSight, iFR and iFR Co-Registration**

**Coronary: Core**

**2019/09/27 4:00 PM - 5:30 PM**
**Medtronic Pavilion**
HANDS-ON TRAINING ON ELCA LASER FOR COMPLEX CORONARY INTERVENTIONS (A JOURNEY TO LASER TRAINING REQUIREMENTS)

**Hands-On Training on ELCA Laser for Complex Coronary Interventions (A Journey to LASER Training Requirements)**

**Coronary: CHIP**

**FRIDAY, SEPTEMBER 27, 2019**

12:00 - 1:30 PM

CRF Pavilion 1

- **Introduction**
- **12:05 PM** KOL Presentation: Another Notch on Your Complex PCI Tool Belt A Journey to LASER Competence
- **12:25 PM** Laser Hands On
- **12:40 PM** Simulator 1: ISR Case
- **12:55 PM** Simulator 2: CTO Case
- **1:10 PM** KOL Doing Cases

**SEE CLEARLY, TREAT OPTIMALLY: IVUS SIMPLIFIED (A HANDS-ON SKILLS TRAINING PROGRAM)**

**See Clearly, Treat Optimally: IVUS Simplified (A Hands-on Skills Training Program)**

**Coronary: Core**

**FRIDAY, SEPTEMBER 27, 2019**

4:00 - 5:30 PM

CRF Pavilion 1

- **4:00 PM** Introduction
- **4:05 PM** KOL Presentation: The ULTIMATE Outcome with IVUS

**10:00 AM - 11:30 AM**

**See Clearly, Treat Optimally: Practical Training in IntraSight, iFR and iFR Co-Registration**

**Training Pavilion Faculty: Karim Al-Azizi, Christopher Cook**

10:00 AM Introduction
10:05 AM KOL Presentation: Dotting the Eyes With iFRs DEFINE PCI
10:25 AM Dynamic Roadmap With Simulator
10:40 AM IntraSight 7: Physiology and Sync
10:55 AM IntraSight 7: IVUS and Sync
11:10 AM Level EX Rotation
11:25 AM Closing and Adjourn
WHAT YOU NEED TO KNOW REGARDING THE CLASP IID/IIF PIVOTAL TRIAL: NOVEL MITRAL REPAIR SYSTEM CURRENTLY UNDER CLINICAL STUDY IN THE US

8:00 AM - 9:30 AM
What You Need to Know Regarding the CLASP IID/IIF Pivotal Trial: Novel Mitral Repair System Currently Under Clinical Study in the US
Training Pavilion Faculty: Konstantinos P. Koulogiannis, Scott Lim, Robert L. Smith

8:00 AM Didactic Session: Disease Overview Product Overview and Case Reviews and Clinical Trial Overview
8:00 AM Clinical Trial Overview
Training Pavilion Faculty: Scott Lim
8:10 AM Disease Overview What is in CLASP IID
What is in IIF and What isnt in Either
Training Pavilion Faculty: Robert L. Smith
8:20 AM PASCAL Device Overview
Training Pavilion Faculty: Scott Lim
8:30 AM Case Reviews
Training Pavilion Faculty: Konstantinos P. Koulogiannis
8:45 AM Device Demonstration

8:00 AM - 9:30 AM
What You Need to Know Regarding the CLASP IID/IIF Pivotal Trial: Novel Mitral Repair System Currently Under Clinical Study in the US
Training Pavilion Faculty: Konstantinos P. Koulogiannis, Scott Lim, Robert L. Smith

8:00 AM Didactic Sessions: Disease Overview Product Overview and Case Reviews and Clinical Trial Overview
10:00 AM Clinical Trial Overview
Training Pavilion Faculty: Scott Lim
10:10 AM Disease Overview What is in CLASP IID
What is in IIF and What isnt in Either
Training Pavilion Faculty: Robert L. Smith
10:20 AM PASCAL Device Overview
Training Pavilion Faculty: Scott Lim
10:30 AM Case Reviews
Training Pavilion Faculty: Konstantinos P. Koulogiannis
10:45 AM Device Demonstration

WORLD LAUNCH OF THE EDWARDS BENCHMARK PROGRAM: IMPROVING PATIENT ACCESS AND OUTCOMES WITHOUT COMPROMISING SAFETY — CONSISTENT OUTCOMES, AGNOSTIC OF VOLUME

10:00 AM - 11:30 AM
World Launch of the Edwards BENCHMARK Program: Improving Patient Access and Outcomes Without Compromising Safety — Consistent Outcomes, Agnostic of Volume
Training Pavilion Faculty: Peter Bittenbender, Sara Dezell, Derk Frank, Tsuyoshi Kaneko, Lorie Mariano, Charles Nyman, Pinak B. Shah
**World Launch of the Edwards BENCHMARK Program: Improving Patient Access and Outcomes Without Compromising Safety — Consistent Outcomes, Agnostic of Volume**

Training Pavilion Faculty: Oluseun Alli, Rosemary Hansen, Vijay Iyer, Lorie Mariano, Douglas F. Muir, Charles Nyman, Mark Spence, Alex Vasquez

2:00 PM - 3:30 PM

2:00 PM - 3:30 PM

**CONSIDERATIONS FOR MANAGING TAVR AND CONCOMITANT CORONARY ARTERY DISEASE (CAD) IN THIS NEW WORLD**

Considerations for Managing TAVR and Concomitant Coronary Artery Disease (CAD) in This New World

Training Pavilion Faculty: Derk Frank, Ethan C. Korngold, Mark J. Russo, Janarthanan Sathananthan, Rahul Prakash Sharma, John G. Webb, David A. Wood

4:00 PM - 5:30 PM

4:00 PM - 5:30 PM

**BE CALCULATED: OPTIMIZING PREPARATION OF SEVERELY CALCIFIED CORONARY LESIONS**

Be Calculated: Optimizing Preparation of Severely Calcified Coronary Lesions

Training Pavilion Faculty: Nirat Beohar, Prashant Kaul, Ashok Kondur, Rajesh V. Swaminathan

8:00 AM - 9:30 AM

8:00 AM - 9:30 AM

**ACCESS TO CORONARIES AFTER TAVR: THE NEXT BIG THING**

Training Pavilion Faculty: John G. Webb

4:00 PM

4:10 PM

**THE SCOPE OF THE PROBLEM: REVIEW OF RECENT EVIDENCE**

Training Pavilion Faculty: Janarthanan Sathananthan

4:10 PM

4:20 PM

**WHEN IS TAVR AND PCI NOT APPROPRIATE: A SURGEONS PERSPECTIVE**

Training Pavilion Faculty: David A. Wood

5:00 PM

5:15 PM

5:40 PM

5:55 PM

**COMPLETE TAVR: STUDY DESIGN AND RATIONALE**

Training Pavilion Faculty: David A. Wood

8:00 AM - 9:30 AM

8:00 AM - 9:30 AM
10:00 AM - 11:30 AM
Be Calculated: Optimizing Preparation of Severely Calcified Coronary Lesions
Training Pavilion Faculty: Khaldoon F. Alaswad, Mitul Patel, George Revtyak, Ramzan M. Zakir

10:00 AM  Introduction
10:05 AM  Didactic With Case Review
10:50 AM  Hands On

ESSENTIAL GUIDEWIRE AND MICROCATHER TECHNIQUES FOR COMPLEX PCI

**Essential Guidewire and Microcatheter Techniques for Complex PCI**
Coronary: CHIP
Coronary: Core

**FRIDAY, SEPTEMBER 27, 2019**
2:00 PM - 3:30 PM
CRF Pavilion 3

2:00 PM  Introduction
2:05 PM  Guidewire and MC Considerations for Complex PCI
2:30 PM  Case Reviews and Applications of Techniques
2:45 PM  Microcatheter Selection and Proper Use
3:25 PM  Adjourn

**Essential Guidewire and Microcatheter Techniques for Complex PCI**
Coronary: CHIP
Coronary: Core

**FRIDAY, SEPTEMBER 27, 2019**
4:00 PM - 5:30 PM
CRF Pavilion 3

4:00 PM  Introduction
4:05 PM  Guidewire and MC Considerations for Complex PCI
4:30 PM  Case Reviews and Application of Techniques
4:45 PM  Microcatheter Selection and Proper Use
5:25 PM  Adjourn

LMCA INTERVENTION - 1

**LMCA Intervention - 1**
Coronary: CHIP

**FRIDAY, SEPTEMBER 27, 2019**
9:30 AM - 10:20 AM
Moderated Posters 2

9:30 AM - 10:20 AM  
**LMCA Intervention - 1**
Moderators: Darshan Doshi, Runlin Gao
Discussants: Andrejs Erglis, Vasim Farooq, Miroslaw Ferenc, Tim A. Fischell

9:30 AM  TCT 382: Technical Issues in Two Stent Distal Left Main Bifurcation Treatment: An EXCEL Trial Intravascular Ultrasound Substudy
Presenting Author: Tatsuhiro Fujimura

9:37 AM  Discussion

9:40 AM  TCT 383: Ten year Clinical Outcomes of Sirolimus Versus Paclitaxel Eluting Stents for Patients With Unprotected Left Main Coronary Artery Disease
Presenting Author: Euihong Ko

9:47 AM  Discussion

9:50 AM  TCT 384: Is Higher Operator Volumes for Unprotected Left Main Stem PCI Associated with Improved Patient Outcomes A Survival analysis of 6748 cases from the British Cardiovascular Intervention Society National Database
Presenting Author: tim kinnaird

9:57 AM  Discussion

10:00 AM  TCT 385: The MADS classification in patients undergoing left main percutaneous coronary intervention: Technique Analysis from the IDEAL LM Trial
Presenting Author: CHUN CHIN CHANG

10:07 AM  Discussion

10:10 AM  TCT 386: Long Term Outcomes After Left Main PCI: An Individual Patient Data Pooled Analysis of 21 Randomized Controlled Trials
Presenting Author: mayank yadav

10:17 AM  Discussion
## MANAGEMENT OF ANTIPLATELET THERAPY AND ANTICOAGULATION IN PATIENTS UNDERGOING PCI - 3

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Presenting Author(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:30 AM</td>
<td>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</td>
<td>Davide Cao</td>
</tr>
<tr>
<td>9:37 AM</td>
<td>Discussion</td>
<td></td>
</tr>
<tr>
<td>9:40 AM</td>
<td>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</td>
<td>Jung Min Rosa Choi</td>
</tr>
<tr>
<td>9:47 AM</td>
<td>Discussion</td>
<td></td>
</tr>
<tr>
<td>9:50 AM</td>
<td>TCT 408: Impact of dedicated dual antiplatelet therapy with low dose prasugrel on mid term vascular response after everolimus eluting stent implantation</td>
<td>Takayoshi Toba</td>
</tr>
<tr>
<td>9:57 AM</td>
<td>Discussion</td>
<td></td>
</tr>
<tr>
<td>10:00 AM</td>
<td>TCT 410: Assessing Suitability for Short Term DAPT: Thromboreistance Albumin Retention and Endothelial Function in the Resolute Onyx Zotarolimus versus Biofreedom Biolimus Eluting Coronary Stent Systems</td>
<td>Hiroyuki Jinnouchi</td>
</tr>
<tr>
<td>10:07 AM</td>
<td>Discussion</td>
<td></td>
</tr>
<tr>
<td>10:10 AM</td>
<td>TCT 411: Predictors for Early Discontinuation of Ticagrelor in Patients with Acute Coronary Syndrome.</td>
<td>Sang Hyun Park</td>
</tr>
<tr>
<td>10:17 AM</td>
<td>Discussion</td>
<td></td>
</tr>
</tbody>
</table>
9:30 AM - 10:10 AM
Natural History and Management of Bicuspid Aortic Valve Disease
Moderators: Michael A. Borger, Discussants: David R. Holmes Jr., Igor F. Palacios

9:30 AM
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

9:37 AM
Discussion

9:40 AM
TCT 426: TAVR vs. SAVR for Bicuspid Aortic Valve
Presenting Author: John Cyril Lisko

9:47 AM
Discussion

9:50 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

9:57 AM
Discussion

10:00 AM
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

10:07 AM
Discussion

PERIPHERAL VASCULAR INTERVENTION - 2

9:30 AM - 10:30 AM
Outcomes After Primary PCI - 5

9:30 AM
TCT 512: Cost Effective AMI Coverage for a Hundred Million Population with Telemedicine Networks
Presenting Author: Sameer Mehta

9:37 AM
Discussion

9:40 AM
TCT 507: Network Latency and Long distance Robotic Telestenting: Exploring the Potential Impact of Network Delays on Telestenting Performance
Presenting Author: Paulina Phomvongsa

9:47 AM
Discussion

9:50 AM
TCT 508: Telemedicine Without Borders

9:57 AM
Discussion

10:00 AM
Presenting Author: Santiago Garcia

10:07 AM
Discussion

10:10 AM
TCT 510: SYNTAX Score II Application for Prediction of Heart Failure Development in Patients with STEMI Undergoing Primary Percutaneous Coronary Intervention
Presenting Author: Ramiro Trillo Nouche

10:17 AM
Discussion

10:20 AM
Presenting Author: Muhammad Rashid

10:27 AM
Discussion
PHYSIOLOGIC LESION ASSESSMENT - 3

Physiologic Lesion Assessment - 3
Coronary: Core

Physiologic Lesion Assessment - 3
Moderators: Upendra Kaul, Michael J. Lim
Discussants: Samer Mansour, Oscar A. Mendiz

9:30 - 10:20 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

9:40 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
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 Collison

10:07 AM
Discussion

REvascularization IN PATIENTS WITH DIABETES - 2

Revascularization in Patients With Diabetes - 2
Coronary: CHIP

FRIDAY, SEPTEMBER 27, 2019
9:30 AM - 10:30 AM
Moderated Posters 8

9:30 - 10:30 AM
Revascularization in Patients With Diabetes - 2
Moderators: Michael Maeng, Robert L. Wilensky
Discussants: Usman Baber, Mark Goldberger

9:30 AM
TCT 633: Impact of Diabetes on the Outcomes of Chronic Total Occlusion Percutaneous Coronary Interventions: An Updated Systematic Review and Meta analysis
Presenting Author: Abdelrahman Ali

9:40 AM
TCT 634: Trend analysis of In Hospital Outcomes for Patients with Chronic Total Coronary Occlusion with Diabetes Undergoing PCI vs. CABG
Presenting Author: Birendra Amgai

9:50 AM
TCT 635: Combined and Independent Impact of Diabetes Mellitus and Elevated C Reactive Protein Levels on Risk for Death and MI Following PCI: Insights from a Large Single Center Registry
Presenting Author: Usman Baber

10:00 AM
TCT 636: Impact of diabetes on the outcomes in patients undergoing contemporary percutaneous coronary intervention: Analysis from the GLOBAL LEADERS study
Presenting Author: Ply Chichareon

10:10 AM
TCT 637: Influence of diabetes on 1 year Outcome after Revascularization with BioFreedom stent or Orsiro Stents: a SORT OUT IX substudy
Presenting Author: Kirstine Hansen

10:20 AM
TCT 638: Diabetes Mellitus Confers Worse Clinical Outcomes At 1 Year Compared to Non Diabetes Mellitus In An All Comer Population Implanted With Biodegradable Polymer Everolimus Eluting Stents
BIORESORBABLE SCAFFOLDS - 3

Moderated Posters 4

10:30 AM - 11:20 AM
Bioresorbable Scaffolds - 3
Moderators: Afir Al Nooryani, Sundeep Mishra
Discussants: Sunao Nakamura, Manel Sabate

10:30 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

10:37 AM
Discussion

10:40 AM
TCT 178: Intravascular Ultrasound Predictors of Long term Outcomes Following ABSORB Bioresorbable Scaffold Implantation: A Pooled Analysis of the ABSORB III and ABSORB Japan Trials
Presenting Author: Takeshi Nishi

10:47 AM
Discussion

10:50 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

10:57 AM
Discussion

11:00 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

11:07 AM
Discussion

11:10 AM
TCT 181: 5 year Outcomes of Patients Undergoing Everolimus eluting Bioresorbable Scaffold Implantation during Daily Clinical Routine Final Results from the ISAR Absorb Registry
Presenting Author: Jens Wiebe

11:17 AM
Discussion

CHRONIC TOTAL OCCLUSIONS - 1

Moderated Posters 8

10:30 AM - 11:30 AM
Chronic Total Occlusions - 1
Moderators: Darshan Doshi, James Sapontis
Discussants: Waleed El Awady, Miroslaw Ferenc

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

DRUG-ELUTING STENT STUDIES - 3

Moderated Posters 5

10:30 AM - 11:30 AM
Drug-Eluting Stent Studies - 3
Moderators: Hui Wen Sim
Discussants: Waleed El Awady, Miroslaw Ferenc

10:30 AM
TCT 195: Does stent thrombosis predict death with drug eluting stents
Presenting Author: Hui Wen Sim

10:37 AM
Discussion

10:40 AM
TCT 196: Are drug eluting stents associated with increased risk of death among patients undergoing percutaneous coronary intervention for left main disease? Data from 30,000 patients from the ISAR-TEST 2 and ISAR-TEST 3 trials
Presenting Author: Hui Wen Sim

10:47 AM
Discussion

10:50 AM
TCT 197: Does time to PCI impact long-term outcomes after PCI in patients presenting with NSTE-ACS and drug eluting stent placement
Presenting Author: Hui Wen Sim

10:57 AM
Discussion

11:00 AM
TCT 198: Does the use of drug eluting stents in the treatment of acute coronary syndrome improves short and long term outcome? A systematic review and meta-analysis of randomized trials
Presenting Author: Hui Wen Sim

11:07 AM
Discussion

11:10 AM
TCT 199: Does non-compliance to antiplatelet therapy influence long term outcomes of drug eluting stent patients? Evidence from the ISAR-TEST 3 Registry
Presenting Author: Hui Wen Sim

11:17 AM
Discussion
10:30 am - 11:30 am

**Drug-Eluting Stent Studies - 3**

**Moderators:** Philippe E. Gaspard, Henning Kelbæk

**Discussants:** Young-Hak Kim, Scott Kinlay, Dmitry P. Stolyarov

10:30 am **TCT 288:** The Use of New Bionanopolymer Stent Coatings for Coronary Stenting  
**Presenting Author:** Dmitry P. Stolyarov

10:37 am **Discussion**

10:40 am **TCT 289:** Primary Endpoint Results of the World Wide WIN Registry Assessing a Self Apposing Stent for Revascularization of Coronary Arteries in Routine Clinical Practice  
**Presenting Author:** Samer Somi

10:47 am **Discussion**

10:50 am **TCT 290:** Outcomes after Revascularization with a Polymer Free Biolimus Eluting BioFreedom Stent or a Biodegradable Polymer Ultrathin Strut Sirolimus Eluting Orsiro Stent in Patients with and without Acute Coronary Syndromes. From the SORT OUT IX Trial  
**Presenting Author:** Christian Oliver Fallesen

10:57 am **Discussion**

11:00 am **TCT 291:** Comparison of Thromboresistance between with a Polymer Free Drug Eluting Stent (Orsiro) and a Bare Metal Stent in an Ex Vivo Swine Shunt Model under Only Single Antiplatelet 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 Biosorbable 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**

**LEFM INTERVENTION - 2**

**Moderated Posters 5**

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:** Joo Hyeon Kim

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**

**Moderators:** Jason H. Rogers, Apostolos Tzikas

**Discussants:** Anibal A. Damonte, David E. Thaler

**FRIDAY, SEPTEMBER 27, 2019**

10:30 am - 11:30 am

**Moderated Posters 2**

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:** Joo Hyeon Kim

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**

**FRIIDAY, SEPTEMBER 27, 2019**

10:30 am - 11:30 am

**Moderated Posters 5**

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:** Joo Hyeon Kim

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**

**Moderators:** Jason H. Rogers, Apostolos Tzikas

**Discussants:** Anibal A. Damonte, David E. Thaler

**FRIDAY, SEPTEMBER 27, 2019**

10:30 am - 11:30 am

**Moderated Posters 2**

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:** Joo Hyeon Kim

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**
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

11:17 AM Discussion

11:20 AM TCT 381: TAVR Patients at high Risk for Bleeding Value of LAOO in this special cohort Presenting Author: Felix Woitek

11:27 AM Discussion

OUTCOMES AFTER PRIMARY PCI - 6

Outcomes After Primary PCI - 6

Coronary: CHIP

FRIDAY, SEPTEMBER 27, 2019
10:30 AM - 11:30 AM
Moderated Posters 7

10:30 AM - 11:30 AM
Outcomes After Primary PCI - 6
Moderators: Debabrata Mukherjee, Francesco PellicciaDiscussants: Sameer Mehta, Jorge F. Saucedo, Richard Smalling

10:30 AM TCT 460: Aorto Mitral Angulation and Neo LVOT in Transcatheter Mitral Valve Replacement Presenting Author: Georg Lutter

10:37 AM Discussion

10:40 AM TCT 461: Outcomes of Emergent Transcatheter Mitral Valve Repair: A Single Center Experience, Presenting Author: Chris Kovach

10:47 AM Discussion

10:50 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

10:57 AM Discussion

11:00 AM TCT 463: Transcatheter Mitral Valve Replacement in a Series of Ten Compassionate Use Cases With Mid Term Follow up Presenting Author: Sebastian Ludwig

11:07 AM Discussion

11:10 AM TCT 464: The Volume Outcomes for Percutaneous Mitral Valve Repair MitraClip Procedure in a US Registry Presenting Author: Jad Omran

11:17 AM Discussion

11:20 AM TCT 465: Automatic Identification and Quantification of the Mitral Annulus for Consistent TMVR Planning A Preliminary Study Presenting Author: Janelle Schrot

11:27 AM Discussion

NATURAL HISTORY AND MANAGEMENT OF MITRAL AND TRICUSPID VALVE DISEASE - 6

NATURAL HISTORY AND MANAGEMENT OF MITRAL AND TRICUSPID VALVE DISEASE - 6

Natural History and Management of Mitral and Tricuspid Valve Disease - 6

Structural: Valve

FRIDAY, SEPTEMBER 27, 2019
10:30 AM - 11:30 AM
Moderated Posters 1

10:30 AM - 11:30 AM
Natural History and Management of Mitral and Tricuspid Valve Disease - 6
Moderators: James S. Gammie, Satya ShreenivasDiscussants: Michael H. Crawford, Michael J. Lim, Eliano Pio Navarese, Joachim Schofer

10:30 AM TCT 460: Aorto Mitral Angulation and Neo LVOT in Transcatheter Mitral Valve Replacement Presenting Author: Georg Lutter
### ALCOHOL SEPTAL ABLATION/HOCM

**Alcohol Septal Ablation/HOCM**

*Structural: Non-Valve*

**FRIDAY, SEPTEMBER 27, 2019**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenting Author(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:30</td>
<td>TCT 128: Impact of Gender on Clinical Outcomes of Septal Myectomy vs Alcohol Septal Ablation for Hypertrophic Cardiomyopathy in the United States</td>
<td>Alejandro Lemor</td>
</tr>
<tr>
<td>10:37</td>
<td>Discussion</td>
<td></td>
</tr>
<tr>
<td>10:40</td>
<td>TCT 129: Age Stratified Analysis for Patients with Hypertrophic Cardiomyopathy Undergoing Alcohol Septal Ablation or Septal Myectomy.</td>
<td>Alejandro Lemor</td>
</tr>
<tr>
<td>10:47</td>
<td>Discussion</td>
<td></td>
</tr>
<tr>
<td>10:50</td>
<td>TCT 130: When Can Patients be Safely Discharged After Alcohol Septal Ablation Incidence and Timing of Post Ablation Complete Heart Block and Ventricular Tachycardia</td>
<td>Bassim El-Sabawi</td>
</tr>
<tr>
<td>10:57</td>
<td>Discussion</td>
<td></td>
</tr>
</tbody>
</table>

**Peripheral Vascular Intervention - 3**

**Peripheral Vascular Intervention - 3**

*Vascular*

**FRIDAY, SEPTEMBER 27, 2019**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenting Author(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:30</td>
<td>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</td>
<td>Xunj Yuan</td>
</tr>
<tr>
<td>10:37</td>
<td>Discussion</td>
<td></td>
</tr>
<tr>
<td>10:40</td>
<td>TCT 564: Long term clinical outcomes of patients undergoing percutaneous intervention of transplanted renal artery stenosis</td>
<td>Gustavo Feitosa</td>
</tr>
<tr>
<td>10:47</td>
<td>Discussion</td>
<td></td>
</tr>
</tbody>
</table>
12:00 PM 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 PM Discussion

12:10 PM TCT 132: Simultaneous Interventional Treatment of Patients With Hypertrophic Obstructive Cardiomyopathy and Coexisting Coronary Artery Disease
Presenting Author: Stanislav Fanta

12:17 PM Discussion

12:20 PM 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 PM Discussion

CHRONIC TOTAL OCCLUSIONS - 2

11:30 AM - 12:30 PM
Moderated Posters 6

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 AM TCT 221: Initial Report of Safety and Feasibility of Robotic Assisted Chronic Total Occlusion Coronary Intervention
Presenting Author: Taishi Hirai

12:07 AM Discussion

12:10 AM TCT 222: Characteristics Procedures and Outcomes of Percutaneous Coronary Intervention for In Stent Chronic Total Occlusion
Presenting Author: Erica Osip
TAVR: CLINICAL ACCESS AND COST-EFFECTIVENESS - 1

11:30 am - 12:30 pm
TAVR: Clinical Access and Cost-Effectiveness - 1
Moderators: Robert M. Bersin, Aaron Horne, Jr. Discussants: Suzanne J. Baron, Bernadette S. Speiser, Bonnie H. Weiner

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 am TCT 742: Comparison of Year Over Year U.S. Hospital Costs Between Transcatheter Aortic Valve Replacement TAVR and Surgical Aortic Valve Replacement SAVR
Presenting Author: Carlos E. Sanchez

12:07 am Discussion

12:10 am 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 am Discussion

12:20 am TCT 744: Our Experience With TAVR Accessibility
Presenting Author: Frank Annie

TAVR: Clinical Access and Cost-Effectiveness - 1
Structural: Valve
FRIDAY, SEPTEMBER 27, 2019
11:30 am - 12:30 pm
Moderated Posters 3

11:30 am - 12:30 pm
Rotational and Orbital Atherectomy, Cutting/Scoring Balloons, and Lithotripsy
Moderators: James Sapontis, Mohamed Ahmed Sobhy Discussants: Jonathan M. Hill, Petr Kola, 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

12:17 am Discussion

12:20 am TCT 656: National Utilization and Outcomes of Patients Undergoing Percutaneous Coronary Intervention with Intracoronary Imaging and Atherectomy
Presenting Author: Fahed Darmoch

12:27 am Discussion

ROTATIONAL AND ORBITAL AHERECTOMY, 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

11:30 am - 12:30 pm
Rotational and Orbital Atherectomy, Cutting/Scoring Balloons, and Lithotripsy
Moderators: James Sapontis, Mohamed Ahmed Sobhy Discussants: Jonathan M. Hill, Petr Kola, 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
TAVR: VALVE-IN-VALVE - 2

TAVR: Valve-in-Valve - 2

Structural: Valve

FRIDAY, SEPTEMBER 27, 2019
11:30 am - 12:10 pm
Moderated Posters 1

11:30 am - 12:10 pm
TAVR: Valve-in-Valve - 2
Moderators: Robert J. Cubeddu, Harold L. Dauerman
Discussants: Chandan Devireddy, Gregory P. Fontana, Kentaro Hayashida, David Hildick-Smith

11:30 am TCT 760: 30 day echocardiographic assessment of Self 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 762: Valve in Valve TAVR in Degenerated Aortic Valve Prostheses with Externally Mounted Leaflets Presenting Author: Magdalena Erlebach

11:47 am Discussion

11:50 am 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

11:57 am Discussion

12:00 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

12:07 pm Discussion

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

11:30 am - 12:30 pm
Vascular Access and Closure in PCI - 2
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 Alabbad

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 PM  TCT 786: Examination of the Appropriate Hemostatic Time for Cardiac Catheterization in the Distal Radial Artery Approach  
Presenting Author: Yukio Mizuguchi

12:07 PM  Discussion

12:10 PM  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: Mubbasher Ameer Syed

12:17 PM  Discussion

12:20 PM  TCT 788: Integrative approach following transradial access for coronary angiography yields heparin avoidance ultrafast hemostasis andabsoluteradial artery patency  
Presenting Author: Gregory Sgueglia

12:27 PM  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  
Moderated Posters 5

2:00 PM - 3:00 PM  
Assessment of Patients With Aortic Stenosis or Aortic Insufficiency - 3

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  
Presenting Author: Jo Zelis

2:17 PM  Discussion

2:20 PM  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

2:27 PM  Discussion

2:30 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

2:37 PM  Discussion

2:40 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

2:47 PM  Discussion

2:50 PM  TCT 151: Elective Non cardiac Surgery in Patients with Severe Aortic Stenosis: Observations from the CURRENT AS Registry  
Presenting Author: Tomohiko Taniguchi

2:57 PM  Discussion

BIORESORBABLE SCAFFOLDS - METALLIC

Bioreabsorbable Scaffolds - Metallic

Coronary: Core

FRIDAY, SEPTEMBER 27, 2019  
2:00 PM - 3:00 PM  
Moderated Posters 2

2:00 PM - 3:00 PM  
Bioreabsorbable Scaffolds - Metallic  
Moderators: Manel Sabate, Jean-François TanguayDiscussants: Bill D. Gogas, Sundeep Mishra, Nick E. J. West

2:00 PM  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
CHRONIC TOTAL OCCLUSIONS - 3

**Coronary: CHIP**

**FRIDAY, SEPTEMBER 27, 2019**
2:00 PM - 3:00 PM
Moderated Posters 6

---

2:00 PM - 3:00 PM
**Coronary Total Occlusions - 3**
**Moderators:** Richard R. Heuser, Jonathan M. Hill
**Discussants:** Arun Kalyanasundaram, Samer Mansour, Imre Ungi

2:00 PM
TCT 224: High Risk Chronic Total Occlusion Percutaneous Coronary Interventions Assisted with Tandem Heart
**Presenting Author:** Saroj Neupane

2:07 PM
Discussion

2:10 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

2:17 PM
Discussion

2:20 PM
TCT 226: ElectroCautery Facilitated Crossing ECFC of Chronic Total Occlusions
**Presenting Author:** Saroj Neupane

2:27 PM
Discussion

2:30 PM
TCT 227: Efficacy of Coronary Sinus Reducer in Patients with non Revascularized Chronic Total Occlusions: a Multicentre Experience
**Presenting Author:** Carlo Zivelonghi

2:37 PM
Discussion

2:40 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:** Lei Guo

2:47 PM
Discussion

2:50 PM
TCT 229: Outcomes of Investment Procedures in Chronic Total Occlusion Interventions
**Presenting Author:** Iosif Xenogiannis

2:57 PM
Discussion

---

**CORONARY BIFURCATION INTERVENTION**

**Coronary Bifurcation Intervention**

**Coronary: CHIP**

**FRIDAY, SEPTEMBER 27, 2019**
2:00 PM - 3:00 PM
Moderated Posters 8

---

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 Bilias

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 Palazuelas

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
TAVR: CLINICAL ACCESS AND COST-EFFECTIVENESS - 2

Moderators: Suzanne V. Arnold, Gary Gershony
Discussants: Bernadette S. Speiser

2:00 PM - 2:50 PM TAVR: Clinical Access and Cost-Effectiveness - 2
2:07 PM Discussion
2:10 PM TCT 746: Differences in Transcatheter Aortic Valve Replacement TAVR Outcomes by Gender and Race Over Time
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

ATRIAL FIBRILLATION IN PATIENTS UNDERGOING CATHETER-BASED INTERVENTION

Atrial Fibrillation in Patients Undergoing Catheter-Based Intervention

2:00 PM TAVR vs. SAVR and TAVR vs. TAVR - 1
2:07 PM Discussion
2:10 PM TCT 721: Outcomes of Transcatheter versus Surgical Aortic Valve Replacement in Low Risk Patients: A Meta Analysis of Randomized Controlled Trials
Presenting Author: Anoop Koshy
2:17 PM Discussion
2:20 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
2:27 PM Discussion
2:30 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
2:37 PM Discussion
2:40 PM TCT 725: Comparative Study of the Hemodynamic Performance of Two Latest Generation Supra annular Self expanding Transcatheter Aortic Valves Allegra versus ACURATE neo.
Presenting Author: Ariana Gonzálvez
2:47 PM Discussion
2:50 PM TCT 726: Infolding of Self Expanding Transcatheter Aortic Valve: Diagnosis Management and Outcomes
Presenting Author: Anees Musallam
2:57 PM Discussion

2:00 PM TAVR vs. SAVR and TAVR vs. TAVR - 1
Moderators: Carlos E. Ruiz
Discussants: Ulrich Schäfer

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: Anoop Koshy
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
2:30 PM TCT 725: Comparative Study of the Hemodynamic Performance of Two Latest Generation Supra annular Self expanding Transcatheter Aortic Valves Allegra versus ACURATE neo.
Presenting Author: Ariana Gonzálvez
2:37 PM Discussion
2:40 PM TCT 726: Infolding of Self Expanding Transcatheter Aortic Valve: Diagnosis Management and Outcomes
Presenting Author: Anees Musallam
2:47 PM Discussion

FRIDAY, SEPTEMBER 27, 2019
2:00 PM - 3:00 PM
Moderated Posters 3
3:00 - 4:00 PM

Atrial Fibrillation in Patients Undergoing Catheter-Based Intervention

Moderators: Kurt Huber, Michael A. Kutcher
Discussants: Kishore J. Harjai, Petr Kala, 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 hospital Outcomes 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: David R. Holmes Jr.

3:57 PM
Discussion

INTRAVASCULAR IMAGING - 3

Out-of-Hospital Arrest

Out-of-Hospital Arrest

FRIDAY, SEPTEMBER 27, 2019
3:00 PM - 3:50 PM
Moderated Posters 4
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 barawi

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 524: Sex Differences in Survival From Out of Hospital Cardiac Arrest: Insights from the National Inpatient Sample
Presenting Author: Yulanka Castro

3:47 pm  Discussion

3:00 pm  - 4:00 pm
Peripheral Vascular Intervention - 4
Moderated Posters 3

3:00 pm  TCT 569: Periprocedural Outcomes of Lead Extraction in Patients With or Without Abandoned Leads: A Metaanalysis
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 inChronic 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 572: Clinical outcomes of critical limb ischemia patients with angiographic dissection after balloon angioplasty for infrapopliteal artery disease.
Presenting Author: TOMOYA FUKAGAWA

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

3:00 pm  - 4:00 pm
Resting Physiologic Indices
Moderated Posters 7

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
Presenting Author: HIROFUMI OHASHI

3:07 pm  Discussion

3:10 pm  TCT 622: Respiration related variations in PdPa ratio and fractional flow reserve in resting conditions and during intravenous adenosine administration.
Presenting Author: Rutger Feenstra

3:17 pm  Discussion

3:20 pm  TCT 623: Objective identification of stenoses inducing myocardial ischemia using sequential iFR FFR and intracoronary flow measurements
Presenting Author: Kenji Makino

3:27 pm  Discussion

3:30 pm  TCT 624: Clinical outcomes of critical limb ischemia patients with angiographic dissection after balloon angioplasty for infrapopliteal artery disease.
Presenting Author: TOMOYA FUKAGAWA

3:37 pm  Discussion

3:40 pm  TCT 625: More Fresh Thrombi in Cardio Embolic Than Vascular Related Acute Vessel Syndromes
Presenting Author: Martijn Meuwissen

3:47 pm  Discussion

3:50 pm  TCT 626: More Fresh Thrombi in Cardio Embolic Than Vascular Related Acute Vessel Syndromes
Presenting Author: Martijn Meuwissen

3:57 pm  Discussion
TAVR COMORBIDITIES AND COMPLICATIONS - 1

TAVR Comorbidities and Complications - 1

Structural: Valve

FRIDAY, SEPTEMBER 27, 2019
3:00 PM - 4:00 PM
Moderated Posters 5

3:00 PM - 4:00 PM
TAVR Comorbidities and Complications - 1
Moderators: Talib Majwal, Alan C. Yeung
Discussants: Andrzej J. Ochala, Petra Poliacikova, Pinak B. Shah

3:00 PM
TCT 691: Clinical Results of Rescue Balloon Valvuloplasty for severe Aortic valve stenosis in patients with severe heart failure and cardiogenic shock in a community hospital without onsite TAVR facility
Presenting Author: Wolfgang Gerhard Bocksch

3:07 PM
Discussion

3:10 PM
TCT 692: Cerebral embolization in TAVR: valve type matters
Presenting Author: Christina Brinkmann

3:17 PM
Discussion

3:20 PM
TCT 693: Aortic Valve Calcification Volumes and Chronic Brain Infarctions in Patients Undergoing Transcatheter Aortic Valve Implantation
Presenting Author: Wienke Vlastra

3:27 PM
Discussion

3:30 PM
TCT 694: Prognostic Impact of Aortic Valve Calcification in Patients With Low Flow Low Gradient Aortic Stenosis Undergoing Transcatheter Aortic Valve Replacement
Presenting Author: Sebastian Ludwig

3:37 PM
Discussion

3:40 PM
TCT 695: Protection against Cerebral embolism during Transcatheter Aortic Valve Replacement: A systematic review and Meta analysis
Presenting Author: Samineh Sehatbakhsh

3:47 PM
Discussion

3:50 PM
TCT 696: Cardiac Output and Cerebral Blood Flow in Patients with Severe Aortic Valve Stenosis undergoing Transcatheter Aortic Valve Implantation
Presenting Author: Wienke Vlastra

3:57 PM
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

3:00 PM - 4:00 PM
Treatment of Congenital Heart Diseases - 2
Moderators: Matthew A. Crystal, Xiangbin Pan
Discussants: Mohammad Mehdi Ansari, Harsimran Sachdeva Singh

3:00 PM
TCT 771: Percutaneous device closure of ruptured sinus of Valsalva: feasibility of transthoracic echocardiography assisted procedure
Presenting Author: Dinkar Bhasin

3:07 PM
Discussion

3:10 PM
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

3:17 PM
Discussion

3:20 PM
TCT 774: Percutaneous closure of septum secundum ASD
Presenting Author: Mohammad Mehdi Ansari

3:27 PM
Discussion

3:30 PM
TCT 776: Secondary Prevention of Ischemic Stroke Following Cryptogenic Stroke in Patients With Patent Foramen Ovale: A Meta Analysis of Randomized Controlled Trials
Presenting Author: Babikir Kheiri
VASCULAR ACCESS FOR TAVR - 1

Moderators: Paul D. Mahoney
Discussants: Tsuyoshi Kaneko, Rajeev Narayan, Andres Pineda

3:00 - 4:00
Vascular Access for TAVR - 1

3:00
TCT 801: Vascular complications in Transaxillary TAVI: Incidence and predictors incorporating CTA measurements
Presenting Author: marleen van Wely

3:07
Discussion

3:10
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
Discussion

3:20
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
Discussion

3:30
TCT 804: Outcomes of Trans Carotid TAVR in a high volume center
Presenting Author: Vishesh Kumar

3:37
Discussion

3:40
TCT 805: Impact of Major Vascular Complications on Outcome following Transfemoral Transcatheter Aortic Valve Replacement
Presenting Author: Noriaki Moriyama

3:47
Discussion

3:50
TCT 789: Comparison of Radial With Femoral Access Coronary Angiography in Patients With Previous Coronary Artery Bypass Surgery
Presenting Author: amir orlev

3:57
Discussion

CATH LAB OF THE FUTURE - 2

Moderators: Steven R. Bailey, William J. French
Discussants: H. Vernon Anderson, David L. Fischman, Manish A. Parikh, George W. Vetrovec

4:00 - 5:00
Cath Lab of the Future - 2

4:00
TCT 200: Reduced Radiation Exposure in the Cardiac Catheterization Laboratory using Combination of both Horizontal and a Novel Vertical Radiation Shield.
Presenting Author: Carmelo Panetta

4:07
Discussion

4:10
TCT 201: Does a Coronary Calcium score Zero reliably rule out coronary artery disease in low to intermediate risk patients A coronary CTA study.
Presenting Author: Gudrun Feuchtner

4:17
Discussion

4:20
TCT 202: Predicting Revascularization Rate of Positive CT FFR vs Invasive FFR in Elevated Coronary Calcium Score
Presenting Author: Rajbir Sidhu

4:27
Discussion

4:30
TCT 203: The role of CT angiography in a management strategy based on high sensitivity cardiac troponin T for predicting an early prognosis in patients with acute chest pain admitted to the emergency department.
Presenting Author: Jae Gyung Kim

4:37
Discussion

4:40
Presenting Author: Kalaivani Mahadevan

4:47
Discussion

4:50
TCT 205: Clinical Management and Primary Prevention in Suspected Coronary Artery Disease Guided by Computed Tomography Angiography
Presenting Author: Fabian Plank

4:57
Discussion

CORONARY PERFORATION AND CARDIAC TAMPOANDE

Coronary Perforation and Cardiac Tamponade

Coronary: CHIP
4:00 PM - 4:50 PM
**Coronary Perforation and Cardiac Tamponade**
Moderators: Lorenzo Azzalini, Itshac Itsik Ben-dor
Discussants: Wacin Buddhari, James Cockburn, Tom J. Ford

- **TCT 248: Coronary Artery Perforation During Chronic Total Occlusion Percutaneous Coronary Intervention: Epidemiology Mechanisms Management and Outcomes**
  Presenting Author: Lorenzo Azzalini
  Discussion

- **TCT 249: Coronary Artery Perforations: Glasgow Natural History Study of Covered Stent Coronary Interventions GNOCCI study**
  Presenting Author: Tom J. Ford
  Discussion

- **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
  Discussion

- **TCT 251: SOS PK Papyrus an Observational Study of Patients with Covered PK Papyrus Stent**
  Presenting Author: Marco Hernández Enríquez
  Discussion

- **TCT 252: Pericardial Tamponade Secondary to Complications of Interventional and Endovascular Procedures**
  Presenting Author: Daniel Johnsrud
  Discussion

**INTERVENTIONAL HEART FAILURE**

**Interventional Heart Failure**
**Structural: Non-Valve**

**STENT THROMBOSIS AND RESTENOSIS - 2**

- **Stent Thrombosis and Restenosis - 2**
  Coronary: CHF

**Moderated Posters 2**

4:00 PM - 5:00 PM
**Stent Thrombosis and Restenosis - 2**
Moderators: Bimmer E. Claessen
Discussants: Kevin J. Croce, Imad Sheiban, Sigmund Silber, Yasunori Ueda

- **TCT 662: Patients Who Do Not Receive Drug Eluting Stent for In stent Restenosis Characteristics and Outcomes**
  Discussion
Presenting Author: Bimmer E. Claessen

4:07 PM Discussion
4:10 PM TCT 663: Very Very Late Stent Thrombosis Beyond Five Years: Some Wounds Never Heal
Presenting Author: LIVIA LUCIANA GHEORGHE

4:17 PM Discussion
4:20 PM TCT 664: Overlapping Drug Eluting Stent Increases Definite Stent Thrombosis and Revascularization: Results from 15561 Patients in The AUTHENTIC Study
Presenting Author: Xiang Chen

4:27 PM Discussion
4:30 PM TCT 665: Experience with Excimer laser in Percutaneous Coronary Intervention with Indications Procedural Characteristics Complications and Outcomes in a Large University Teaching Hospital
Presenting Author: Muhammad Jawad Ul Qamar

4:37 PM Discussion
4:40 PM TCT 666: Percutaneous Coronary Intervention in In Stent Restenosis Lesions with Second Generation Drug Coated Balloons: Results at a Long Term Follow Up.
Presenting Author: IGNACIO SANCHEZ PEREZ

VENTRICULAR ASSIST AND MANAGEMENT OF CARDIOGENIC 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

4:00 PM - 4:50 PM Ventricular Assist and Management of Cardiogenic Shock - 3
Moderators: Marco A. Alcocer-Gamba, Fayaz ShawlDiscussants: Ariel Furer, David D. Israeli, Risto Jussila, Guillaume Leurent, Arnold Seto, 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
Presenting Author: Colin Hirst
8:00 am - 9:30 am  
**Live Cases #5**  
*Live Case Moderators: Martin B. Leon*  
*Live Case Co-Moderators: Saibal Kar, Francesco Maisano*  
*Live Case Discussants: Anita Asgar, Mackram F. Eleid, Kendra J. Grubb, Mayra Guerrero, James B. Hermiller Jr, Tsuyoshi Kaneko, James M. McCabe, David W.M. Muller, Patrick T. O’Gara, Thomas Pilgrim, Jeffrey J. Popma*  
*Factoid Faculty: Rishi Chandiramani, Shmuel Chen, Tatsuhiro Fujimura, Tanush Gupta*

8:00 am - 9:00 am  
**Instituto Dante Pazzanese de Cardiologia Sao Paulo Brazil SHD**  
*Live Case Operator: Alexandre Abizaid, Daniel Chamie, Jose de Ribamar Costa Jr*  
*Live Case Guest Operator: Eberhard Grube*

8:45 am - 9:45 am  
**Cedars Sinai Medical Center Los Angeles CA SHD**  
*Live Case Operator: Tarun Chandramani, Shmuel Chen, Tatsuhiro Fujimura, Tanush Gupta*

9:30 am - 10:15 am  
**Featured Lecture: Freddy Abnousi, Head of Healthcare – Research Facebook**  
*Moderators: Robert M. Califf*  
*Discussants: Freddy Abnousi, Wayne B. Bachelor, Ralph G. Brindis, Anthony DeMaria, C. Michael Gibson, Robert A. Harrington, Roxana Mehran, Celina M. Yong*

9:30 am - 10:00 am  
**Featured Lecture: Social Determinants of Health: The Future of Health Assessment in the Digital World**  
*Lecturer: Freddy Abnousi*

9:50 am - 10:20 am  
**Roundtable Discussion**

10:15 am - 10:30 am  
**TCT 2019 Linnemeier Young Investigator Award**  
*Moderator: Martin B. Leon, Gregg W. Stone*

10:15 am - 10:45 am  
**TCT 2019 Linnemeier Young Investigator Award Presentation**

10:30 am - 11:30 am  
**Late-Breaking Trials 3**  
*Moderators: Juan F. Granada*  
*Discussants: Michael A. Borger, Davide Capodanno, James B. Hermiller Jr, Martin B. Leon, G. Burkhard Mackensen, Mark Reisman, Gilbert H.L. Tang, Leif Thuesen, Nir Uriel*  
*Co-Moderators: 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**

10:50 am  
**PARTNER 2A: 5 Year Outcomes From a Randomized Trial of Transcatheter vs. Surgical Aortic Valve Replacement in Intermediate Risk Patients With Severe Aortic Stenosis**  
*Lecturer: Vinod H. Thourani*

11:02 am  
**Roundtable Discussion**

11:10 am  
**EXCEL: 5 Year Outcomes From a Randomized Trial of PCI vs. CABG in Patients With Left Main Coronary Artery Disease**  
*Lecturer: Gregg W. Stone*

11:22 am  
**Roundtable Discussion**

11:30 am - 12:15 pm  
**Live Cases #6**  
*Live Case Moderators: Tony Dasi*  
*Live Case Co-Moderators: Jacques Busquet*  
*Factoid Faculty: Rishi Chandiramani, Shmuel Chen, Tatsuhiro Fujimura, Tanush Gupta*

11:30 am  
**Lankenau Institute for Medical Research Wynnewood PA Endo Live Case Operator: William A. Gray**

12:15 pm - 1:15 pm  
**Late-Breaking Science 3, Co-Sponsored by Circulation**  
*Moderators: Joseph A. Hill*  
*Discussants: Michael Böhm, Robbert J. De Winter, Anthony H. Gershlick, Jonathan M. Hill, Dharam J. Kumbhani, Sahil A. Parikh, Pieter C. Smits, Craig A. Thompson, Michael A. Weber*  
*Co-Moderators: Sunil V. Rao*

12:15 pm  
**COMPLETE Timing Substudy: A Randomized Trial of Complete Staged Revascularization vs. Infarct Artery PCI Alone in Patients With Acute Myocardial Infarction and Multivessel Disease Importance of Revascularization Timing**  
*Lecturer: David A. Wood*

12:25 pm  
**Roundtable Discussion**

12:30 pm  
**EURO CTO: 3 Year Outcomes From a Randomized Trial of PCI vs. Medical Therapy in Patients With Chronic Total Coronary Occlusions**  
*Lecturer: Gerald S. Werner*

12:40 pm  
**Roundtable Discussion**

12:45 pm  
**MODERATO II: A Double Blind Randomized Trial of Cardiac Neuromodulation Therapy in Patients With Hypertension**  
*Lecturer: Karl-Heinz Kuck*
LEVANT: 5 Year Outcomes From Three Randomized Trials of Percutaneous Angioplasty With vs. Without a Drug Coated Balloon in Patients With Femoropopliteal Arterial Disease
Lecturer: Kenneth Ouriel

Roundtable Discussion

LEVANT: 5 Year Outcomes From Three Randomized Trials of Percutaneous Angioplasty With vs. Without a Drug Coated Balloon in Patients With Femoropopliteal Arterial Disease
Lecturer: Kenneth Ouriel

Roundtable Discussion
### HYPERTENSION THERAPIES: RENAL DENERVATION AND BEYOND

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Description</th>
<th>Lecturer(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:08</td>
<td>II</td>
<td>Roundtable Discussion With Audience QA</td>
<td>Ileana L. Pina</td>
</tr>
<tr>
<td>8:13</td>
<td>II</td>
<td>Sex Based Differences in Hypertension Management: Do They Exist</td>
<td>Clyde W. Yancy</td>
</tr>
<tr>
<td>8:20</td>
<td>II</td>
<td>Roundtable Discussion With Audience QA</td>
<td>Clyde W. Yancy</td>
</tr>
<tr>
<td>8:24</td>
<td>II</td>
<td>Race Based Differences in Hypertension Management: What's Relevant</td>
<td>Clyde W. Yancy</td>
</tr>
<tr>
<td>8:31</td>
<td>II</td>
<td>Roundtable Discussion With Audience QA</td>
<td>Clyde W. Yancy</td>
</tr>
<tr>
<td>8:35</td>
<td>II</td>
<td>Non Adherence in Uncontrolled Hypertension: How to Assess and Manage</td>
<td>Roland E. Schmieder</td>
</tr>
<tr>
<td>8:43</td>
<td>II</td>
<td>Roundtable Discussion With Audience QA</td>
<td>David E. Kandzari</td>
</tr>
<tr>
<td>8:48</td>
<td>II</td>
<td>Patient Preferences in Hypertension Treatment</td>
<td>David E. Kandzari</td>
</tr>
<tr>
<td>8:55</td>
<td>II</td>
<td>Roundtable Discussion With Audience QA</td>
<td>David E. Kandzari</td>
</tr>
<tr>
<td>9:00</td>
<td>II</td>
<td>The Essentials of Blood Pressure Measurement: Office Home and Ambulatory And Why It Matters</td>
<td>Michael A. Weber</td>
</tr>
<tr>
<td>9:09</td>
<td>II</td>
<td>Roundtable Discussion With Audience QA</td>
<td>Michael A. Weber</td>
</tr>
<tr>
<td>9:14</td>
<td>III</td>
<td>Update on RADIANCE Trials Program Ultra Sound Renal Denervation: Lessons Learned Ongoing Efforts</td>
<td>Ajay J. Kirtane</td>
</tr>
<tr>
<td>9:24</td>
<td>III</td>
<td>Roundtable Discussion With Audience QA</td>
<td>Ajay J. Kirtane</td>
</tr>
<tr>
<td>9:29</td>
<td>III</td>
<td>Update on Target BP Trials Program Chemical Renal Denervation: Lessons Learned Ongoing Efforts</td>
<td>Felix Mahfoud</td>
</tr>
<tr>
<td>9:36</td>
<td>III</td>
<td>Roundtable Discussion With Audience QA</td>
<td>Felix Mahfoud</td>
</tr>
<tr>
<td>9:40</td>
<td>III</td>
<td>Magnitude of Antihypertensive Effect After Renal Denervation: Is It Sufficient for High Risk as Well as Low Risk Patients</td>
<td>Justin E. Davies</td>
</tr>
<tr>
<td>9:47</td>
<td>III</td>
<td>Roundtable Discussion With Audience QA</td>
<td>Justin E. Davies</td>
</tr>
<tr>
<td>9:51</td>
<td>III</td>
<td>Update on CALM II Trial Endovascular Baroreflex Stimulation</td>
<td>Greg W. Stone</td>
</tr>
<tr>
<td>9:58</td>
<td>III</td>
<td>Roundtable Discussion With Audience QA</td>
<td>Greg W. Stone</td>
</tr>
<tr>
<td>10:02</td>
<td>III</td>
<td>Update on ROX Trial Program AV Fistula Creation</td>
<td>Melvin D. Lobo</td>
</tr>
<tr>
<td>10:09</td>
<td>III</td>
<td>Roundtable Discussion With Audience QA</td>
<td>Melvin D. Lobo</td>
</tr>
<tr>
<td>10:11</td>
<td>III</td>
<td>Roundtable Discussion With Audience QA</td>
<td>Daniel Burkhoff</td>
</tr>
<tr>
<td>10:17</td>
<td>III</td>
<td>Roundtable Discussion With Audience QA</td>
<td>Daniel Burkhoff</td>
</tr>
<tr>
<td>10:21</td>
<td>III</td>
<td>Device Based Hypertension Treatments: Defining Responders and Predictors of Response</td>
<td>Naomi Fisher</td>
</tr>
<tr>
<td>10:28</td>
<td>III</td>
<td>Roundtable Discussion With Audience QA</td>
<td>Naomi Fisher</td>
</tr>
<tr>
<td>10:33</td>
<td>III</td>
<td>Roundtable Discussion With Audience QA</td>
<td>Naomi Fisher</td>
</tr>
<tr>
<td>10:40</td>
<td>III</td>
<td>Roundtable Discussion With Audience QA</td>
<td>Naomi Fisher</td>
</tr>
<tr>
<td>10:47</td>
<td>III</td>
<td>Roundtable Discussion With Audience QA</td>
<td>Naomi Fisher</td>
</tr>
<tr>
<td>10:54</td>
<td>III</td>
<td>Roundtable Discussion With Audience QA</td>
<td>Naomi Fisher</td>
</tr>
<tr>
<td>11:01</td>
<td>III</td>
<td>Roundtable Discussion With Audience QA</td>
<td>Naomi Fisher</td>
</tr>
</tbody>
</table>

**Session III: Procedural Aspects and Indications Beyond Hypertension**

**Moderators:** Horst Sievert, Thomas Zeller
**Discussants:** Stefan C. Bertog, Daniel Burkhoff, Philipp Hurz, Vasilios Papademetriou, Andrew Sharp, Jie Wang

**Moderators:** Chandan Devireddy, Felix Mahfoud
**Discussants:** Tim A. Fischell, Michael Jonas, David P. Lee, Melvin D. Lobo, Chaim S. Lotan, Christian Ukena

### Transcatheter Valve Therapy

- **Live Case Operator:** Tarun Chakravarty, Wen Cheng, Moody M. Makar, Raj Makkar, Mamoo Nakamura, Aamir Shah, Sidarth Singh, Sabah Skaf
TREATMENT OF CORONARY CALCIFICATION

8:00 AM - 8:48 AM
Section I: Overview and Devices
Moderators: J. Dawn Abbott, Azeem Latib
Discussants: Nirat Beohar, Sanjit S. Jolly, Prashant Kaul, Carey D. Kimmelstiel, Annapoorna Kini, Jeffrey W. Moses

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
Lecturer: Antonio Colombo

8:09 AM Rotational Atherectomy for Coronary Calcification: When and How
Lecturer: Annapoorna Kini

8:16 AM Orbital Atherectomy for Coronary Calcification: When and How
Lecturer: Richard Shlofmitz

8:48 AM - 10:00 AM
Section II: Flash Clinical Debates and Case Studies
Moderators: Fazila-Tun-Nesa Malik, Giora Weisz
Discussants: Annapoorna Kini, Michael S. Lee, Akiko Maehara, Jeffrey W. Moses, Francesco Pelliccia, Tanveer Rab

8:48 AM Flash Debate 1: Treating Coronary Artery Disease Without Intravascular Imaging Is Like Flying Blind
Lecturer: Jonathan M. Hill

8:54 AM Flash Debate 2: I Don't Need Intravascular Imaging to Detect Most Cases of Coronary Calcium
Lecturer: Paul S. Teirstein

9:11 AM Flash Debate 2: Don't Overthink It! Plaque Modification Is Rarely Needed for Severely Calcified Coronary Lesions
Lecturer: Mohamed Abdel-Wahab

9:29 AM The Future: Imaging Based Algorithm for Device Selection in Coronary Calcium
Lecturer: Akiko Maehara

9:37 AM Roundtable Discussion with Audience QA

9:41 AM Extreme Atherectomy Cases Tortuosity Stent Underexpansion and Beyond
Case Presenter: Annapoorna Kini

9:49 AM Management of Complications Associated With Treatment of Calcified CAD
Lecturer: Ramzan M. Zakir

9:57 AM Roundtable Discussion with Audience QA

TRICUSPID REGURGITATION: EVOLVING CONCEPTS AND TECHNOLOGIES

Tricuspid Regurgitation: Evolving Concepts and Technologies

Structural: Valve
8:00 AM - 9:10 AM
Session I: Assessment of Tricuspid Regurgitation Severity and Procedural Planning
Moderators: Jeroen J. Bax, Rebecca T. Hahn Discussants: João L. Cavalcante, Dmitry B. Levin, Mark Reisman, Maurizio Taramasso, Dee Dee Wang

8:00 AM Case Presentation: The Typical Workflow Assessment in a Patient With Functional TR
Case Presenter: Vivian G. Ng

8:08 AM Tricuspid Valve Pathobiology: Anatomical Correlations With Multi-Modality Imaging
Lecturer: Dmitry B. Levin

8:16 AM The Natural History of TR: Disease Progression and Clinical Outcomes
Lecturer: Jeroen J. Bax

8:24 AM Roundtable Discussion With Audience QA

8:32 AM What the Interventionist Needs to Know About TR Evaluation
Lecturer: Rebecca T. Hahn

8:40 AM Anatomical Evaluation Is Not Enough Impact of Physiological TR Assessment in Patient and Device Selection
Lecturer: Edgard Alexander Prihadi

8:48 AM Transcatheter Device Therapies for TR Treatment: Lessons Learned From the Surgical World
Lecturer: Joanna Chikwe

8:56 AM Roundtable Discussion With Audience QA

9:10 AM - 10:40 AM
Session II: Transcatheter Tricuspid Valve Interventions — Part 1
Moderators: Horst Sievert, Molly Szerlip Discussants: Ruediger S. Lange, Christopher U. Meduri, Thomas Modine, Tamim M. Nazif, Georg Nickenig, Hendrik Treede

9:10 AM Case Presentation: A Real World Case of Functional TR Not Considered in the Guidelines
Case Presenter: Antonio Mangieri

9:15 AM What the Guidelines Do and Dont Tell Us: The Unmet Clinical Needs
Lecturer: Stephan Von Barderleben

9:23 AM Roundtable Discussion With Audience QA

9:30 AM Impact of Surgical Repair Optimization in TR Reduction and Clinical Outcomes
Lecturer: Hendrik Treede

9:38 AM Transcatheter Annular Devices: Overview and Outcomes
Lecturer: Georg Nickenig

9:46 AM Roundtable Discussion With Audience QA

9:54 AM Risk Assessment Models: Can Surgical Data Assist Risk Prediction in Catheter Based TR Interventions

10:02 AM Case Presentation: Transcatheter Approach to Torrential Functional TR With Large Coaptation Defects
Case Presenter: Rebecca T. Hahn

10:07 AM Making the Case for Transcatheter Tricuspid Valve Replacement: Theory and Outcomes to Date
Lecturer: Vinayak N. Bapat

10:15 AM Roundtable Discussion With Audience QA

10:22 AM Case Presentation: Pacemaker Related TR Diagnostic Approach and Potential Catheter Based Therapeutic Options
Case Presenter: Tamim M. Nazif

10:27 AM Redefining Patient Selection and Therapeutic Approach for Tricuspid Valve Interventions
Lecturer: Azeem Latib

10:35 AM Roundtable Discussion With Audience QA

10:40 AM - 12:00 PM
Session III: Transcatheter Tricuspid Valve Interventions — Part 2
Moderators: Rebecca T. Hahn, Azeem Latib Discussants: Christopher U. Meduri, Georg Nickenig, Didier Tchetche, Stephan Von Barderleben, Dee Dee Wang

10:40 AM Building a Tricuspid Valve Program: Early Lessons Challenges and Opportunities
Lecturer: Charles J. Davidson

10:48 AM Predictors of Procedural Success and Failure: Echocardiographic Insights
Lecturer: Abdellaziz Dahou

10:56 AM Transcatheter TR Therapies: Lessons Learned From the International TriValve Registry
Lecturer: Maurizio Taramasso

11:04 AM Roundtable Discussion With Audience QA

11:12 AM Step by Step Tricuspid Clipping: Echo and Intervention Working Together
Lecturer: Richard Bae

11:29 AM Roundtable Discussion With Audience QA

11:39 AM Emerging Catheter Based Therapies: Thinking Outside the Box
Lecturer: Francesco Maisano

11:47 AM Trial Design for Tricuspid Devices: Perspectives From the FDA
Lecturer: Jaime Raben

11:55 AM Roundtable Discussion With Audience QA

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: David E. Kandzari, Paul Hsien-Li KooDiscussants: Emmanouil S. Brilakis, Evald H. Christiansen, Juan Russo, Adam C. Salisbury, 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: Emmanouil S. Brilakis

10:23 AM No They Are Not: Its All About the Operator
Lecturer: William L. Lombardi

10:29 AM Roundtable Discussion With Audience QA

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: Masahisa YamaneDiscussants: Ingibjorg J. Gudmundsdottir, Arun Kalyanasundaram, Paul Knaapen, Husam Noor, Ling Tao, R. Michael Wyman

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: Paul Knaapen

11:25 AM CTO PCI Strategies to Navigate The Hierarchy of Risk: From AWE to ADR to Retrograde to Epicardials

11:32 AM Roundtable Discussion With Audience QA

11:40 AM IVUS Usage in CTO PCI Stent Optimization Proximal Cap Ambiguity Dissections Re Entry
Lecturer: Dimitri Karpapalitis

11:48 AM Maximizing CTO PCI Durability Optimizing Vessel Healing Avoiding Stent Fractures Using Adjunctive Technologies Including Drug Eluting Balloons
Lecturer: Paul Knaapen

11:56 AM Roundtable Discussion With Audience QA

CORONARY DRUG-COATED BALLOONS AND BIORESORBABLE SCAFFOLDS

Coronary Drug-Coated Balloons and Bioresorbable Scaffolds

SATURDAY, SEPTEMBER 28, 2019
2:00 PM - 4:00 PM
Room 152/154

2:00 PM Paclitaxel Coated Balloons for Coronary Intervention: Critical Review of Long Term Trial Data in Light of the PAD Controversy The DAEDALUS Collaboration
Lecturer: Robert A. Byrne

2:07 PM Tips and Tricks for DCB Use: Optimal Technique Is Still Important
Lecturer: Azeem Latib

2:14 PM Drug Coated Balloons for Small Vessels: Latest Trial Evidence
Lecturer: Bernardo Cortese

2:21 PM Drug Coated Balloons in De Novo Lesions: Case Vignettes From Europe
Case Presenter: Bernardo Cortese

2:28 PM Drug Coated Balloons in De Novo Lesions: Case Vignettes From Asia
Case Presenter: Paul JL Ong

2:35 PM Emerging Data on Drug Coated Balloon Use in the High Bleeding or High Thrombotic Risk Patient
Lecturer: Bruno Scheller

2:42 PM DAPT After PCI With DCB: Current Guidelines and Special Considerations
Lecturer: Marco Valgimigli

2:49 PM Sirolimus Coated Balloon Therapy: State of Development
INTERVENTIONAL HEART FAILURE AND HEMODYNAMIC SUPPORT: CHRONIC THERAPIES

Interventional Heart Failure and Hemodynamic Support: Chronic Therapies
Structural: Non-Valve

SATURDAY, SEPTEMBER 28, 2019
2:00 PM - 6:00 PM
Room 156/158

2:00 PM - 3:36 PM
Heart Failure: State of the Art

2:00 PM State of the Art: Current and Future of Medical Therapies for HF
Lecturer: Clyde W. Yancy

2:12 PM State of the Art: Device Based Therapies for Heart Failure and Reduced EF
Lecturer: Nir Uriel

2:24 PM State of the Art: Latest Insights into the Pathophysiology and Medical and Device Based Therapies for HFpEF
Lecturer: Peter Carson

2:36 PM Roundtable Discussion With Audience QA

2:48 PM Assessment of Volume Status Cardiomems Endotronix Sensible
Lecturer: JoAnn Lindenfeld

3:00 PM Mitral Regurgitation as a Target for Heart Failure and the Relevance of Proportionate vs. Disproportionate MR
Lecturer: Susan M. Joseph

3:12 PM Acute Decompensated Heart Failure: Trials and Tribulations
Lecturer: James E. Udelson

3:24 PM Roundtable Discussion With Audience QA

3:36 PM - 4:42 PM
Acute Decompensated Heart Failure
Moderators: James E. Udelson, Clyde W. YancyDiscussants: Michael Jonas, Navin K. Kapur, Leslie Miller, Ileana L. Pina, Gabriel Sayer, Nir Uriel

3:36 PM Pathophysiology of ADHF: Focus on Diuretic Resistance
Lecturer: Ileana L. Pina

3:43 PM Whiteswell: Preclinical and Early Clinical Results
Lecturer: Michael Jonas

3:50 PM Modulating CVP and PCWP From Above: PreCardia
Lecturer: Navin K. Kapur

3:57 PM Improving Renal Perfusion Pressure: Procyrion Aortix
Lecturer: Gabriel Sayer

4:04 PM Improving Renal Perfusion Pressure: Second Heart
Lecturer: Leslie Miller

4:11 PM Reducing Renal Venous Pressure: RevampDoraya Infra Renal Vein Flow Regulator
Lecturer: Ulrich P. Jorde

4:18 PM Direct Sodium Removal With an Ambulatory Peritoneal Dialysis System: Sequana
Lecturer: Jeffrey Testani

4:25 PM Roundtable Discussion With Audience QA

4:42 PM - 6:00 PM
Device-Based Therapies for Chronic Heart Failure

4:42 PM V Wave for HFrEF and HFpEF
Lecturer: Gregg W. Stone

4:50 PM Corvia for HFpEF
Lecturer: Scott Lilly

4:58 PM NoYo Interatrial Shunting
Lecturer: Chaim S. Lotan

5:06 PM Aortic Arch Neurmodulation for Chronic Heart Failure: EnoPace
Lecturer: Felix Mahfoud
5:14 PM Cardiac Contractility Modulation CCM
Lecturer: Daniel Burkhoff

5:22 PM Treating Central Sleep Apnea in CHF: Respicardia
Lecturer: Susan M. Joseph

5:30 PM Ventricular Reshaping for HF: ANCORA
Lecturer: Mark Reisman

5:38 PM Transcutaneous Pericardectomy for HfPEF
Lecturer: Samuel J. Asirvatham

5:46 PM Roundtable Discussion With Audience QA

THE CTO SUMMIT: PART 2

The CTO Summit: Part 2
Coronary: CHIP

SATURDAY, SEPTEMBER 28, 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

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: Alexandre Avran, Simon J. Walsh
Discussants: Lorenzo Azzalini, Robert Federici, Roberto Garbo, Nicholas J. Lembo, Lampros Michalis, Anthony J. Spaedy

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 Perforation Into a Ventricular Cavity: Prevention Identification and Management
Lecturer: Dimitri Karmpaliotis

4:03 PM Post CABG Localized Tamponade: Prevention Identification and Management
Lecturer: Robert F. Riley

4:11 PM Free Wall Hematoma Dry Tamponade: Prevention Identification and Management
Lecturer: Lorenzo Azzalini

4:19 PM Donor Vessel Dissection and/or Thrombosis: How to Avoid Recognize and Manage
Lecturer: M. Nicholas M. Burke

4:27 PM Equipment EntrapmentLoss: 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: Khaldoon F. Alaswad, Scott Harding, Wissam Jaber, Juan Russo, Lee Seung-Whan, Chris Zambikides

4:40 PM My Worst Antegrade Wire Escalation Complication and What I Learned
Case Presenter: Lei Ge

4:46 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

---

**Session I: TMVR Overview and Principle Devices**

Moderators: Vinayak N. Bapat, Marc Gillinov
Discussants: Steven F. Bolling, Adnan K. Chhatriwalla, Neil P. Fam, Philippe Genereux, Kendra J. Grubb, Alan C. Yeung

2:00 pm  
**TMVR: Lessons From Surgery Not to Be Ignored**
Lecturer: Steven F. Bolling

2:06 pm  
**Technical Hurdles in TMVR Development**
Lecturer: Juan F. Granada

2:13 pm  
**Transapical I: Intrepid Device Description Results and Ongoing Studies**
Lecturer: Martin B. Leon

2:20 pm  
**Transapical II: Tendyne Device Description Results and Ongoing Studies**
Lecturer: Jason H. Rogers

2:27 pm  
**Transapical III: Tiara Device Description Results and Ongoing Studies**
Lecturer: Anson Cheung

2:34 pm  
**Transseptal I: HighLife Device Description Results and Ongoing Studies**
Lecturer: Stephen G. G. Worthley

2:39 pm  
**Transseptal II: Caisson Device Description Results and Ongoing Studies**
Lecturer: Anita Asgar

2:44 pm  
**Transseptal III: Cephea Device Description Results and Ongoing Studies**
Lecturer: Thomas Modine

2:49 pm  
**Transseptal IV: EVOQUE Device Description Results and Ongoing Studies**
Lecturer: Howard C. Herrmann

2:54 pm  
**Transseptal V: M3 Device Description Results and Ongoing Studies**
Lecturer: John G. Webb

2:59 pm  
**Transseptal VI: Cardiovalve Device Description Results and Ongoing Studies**
Lecturer: Francesco Maisano

3:04 pm  
**Transseptal VII: AltaValve Device Description Results and Ongoing Studies**
Lecturer: Philippe Genereux

3:09 pm  
**Roundtable Discussion with Audience QA**

---

**Session II: TMVR Special Situations**

Moderators: Thomas Modine, John G. Webb
Discussants: Saif Anwaruddin, David J. Cohen, Danny Dvir, Adam B. Greenbaum, Jaffar M. Khan, Maurizio Taramasso

3:18 pm  
**Valve in MAC Mitral: Acute and Long Term Outcomes**
Lecturer: Vinayak N. Bapat

3:23 pm  
**Valve in Valvul Mitral: Acute and Long Term Outcomes**
Lecturer: Mayra Guerrero

3:28 pm  
**Valve in Ring Mitral: Acute and Long Term Outcomes**
Lecturer: Sung-Han Yoon

3:33 pm  
**Essentials of LVOTO Screening And Device Specificity**
MITRAL TRIAL DESIGN, ANTICOAGULATION, IMAGING, AND MORE

Mitral Trial Design, Anticoagulation, Imaging, and More

SATURDAY, SEPTEMBER 28, 2019

4:00 pm - 6:10 pm
Room 155/157

4:00 pm - 4:28 pm
Session I: Three Hot Mitral Topics
Moderators: Charles J. Davidson, Patrick T. O’Gara
Discussants: Ori Ben-Yehuda, Khalil Fattouch, Azeez Latib, Philipp Lurz, Oscar A. Mendiz, Michael J. Reardon

4:00 pm
Combination Valve Treatments MR and TRMR and AS: Rationale Sequence and Results
Lecturer: Georg Nickenig

4:07 pm
Antiplatelet and Anticoagulation After TMVR and TAVR: Considerations and Recommendations
Lecturer: Robert O. Bonow

4:14 pm
Transcatheter Mitral Valve Repair and Replacement Clinical Trial Designs After COAPT and MITRA FR
Lecturer: Gregg W. Stone

4:21 pm
Roundtable Discussion With Audience QA

4:28 pm - 5:34 pm
Session II: Mitral Imaging Deep Dive
Moderators: Linda D. Gillam, Nina C. Wunderlich
Discussants: Victoria Delgado, Anthony DeMaria, Creighton W. Don, G. Burkhard Mackensen, Maurice E. Sarano, Neil J. Weissman

4:28 pm
State of the Art: DMR Severity Assessment by Quantitative Echo
Lecturer: G. Burkhard Mackensen

4:36 pm
State of the Art: FMR Severity Assessment by Quantitative Echo
Lecturer: Linda D. Gillam

4:44 pm
Roundtable Discussion With Audience QA

4:51 pm
Advanced Mitral Imaging Intraprocedural Guidance and Image Fusion Technologies

5:34 pm - 6:10 pm
Session III: Mitral Stenosis and MAC
Moderators: Igor F. Palacios, Chet Rihal
Discussants: Itshac Itsik Ben-dor, Philipp Blanke, Sameer Gafoor, Habib Gamra, Mayra Guerrero, Dee Dee Wang

5:34 pm
MAC Types and Clinical Implications
Lecturer: Philipp Blanke

5:40 pm
Nonrheumatic MAC Related Mitral Stenosis and Balloon Valvuloplasty
Lecturer: Igor F. Palacios

5:46 pm
Imaging Rheumatic Mitral Stenosis
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
Moderators: Rajiv Gulati, Sunil V. Rao
Discussants: Mauricio G. Cohen, Perwaiz M. Meraj, Vivian G. Ng, Adhir Shroff, Kimberly Skelding, Jennifer A. Tremmel

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
The SAFARI Trial Proves It: Femoral Access Is Preferred for STEMI
Lecturer: Michel R. Le May

4:14 PM ARS: What Is Your Routine Vascular Access for Primary PCI for STEMI
Radial or Femoral

4:19 PM ARS: Left Radial Access LDTRA or Traditional Proximal Radial

4:21 PM Debate: Transradial Civil War

Embrace Left Distal Radial Access: Its the New and Best Approach
Lecturer: Ethan C. Korngold

LDTRA Is a Fad: Ill Stick With Traditional Proximal Radial
Lecturer: Ian C. Gilchrist

ARS: Left Radial Access LDTRA or Traditional Proximal Radial

4:40 PM Roundtable Discussion With Audience QA

ARS: Same Day Discharge Radial or Femoral Access

4:42 PM Transradial and Same Day Discharge Are a Natural Fit and Cost Saving
Lecturer: Adhir Shroff

4:48 PM Same Day Discharge Doesn’t Mean Radial Access: Safe Femoral Access Makes Sense
Lecturer: Richard Shlofmitz

ARS: Same Day Discharge Radial or Femoral Access

5:02 PM Roundtable Discussion With Audience QA

SESSION II: DIFFERENT WAYS TO SKIN VASCULAR ACCESS
Moderators: Prashant Kaul, Sara C. Martinez
Discussants: Olivier F. Bertrand, Alaide Chieffo, Steven Goldberg, Mitchell W. Krucoff, Kimberly Skelding, Miljen 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
Lecturer: Yves R. Louvard

5:24 PM Complex PCI of a Left Main Bifurcation in a Complex Patient
Case Presenter: Francesco Burzotta

8:00 AM - 9:00 AM
Adjuvant Pharmacotherapy Studies
Moderators: Kurt Huber, Neal S. Kleiman
Discussants: M Chadi Alraies, David L. Fischman, Michalis Hamilos, Maurizio Menichelli, Sigmund Silber, Robert C. Welsh

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

HIGH-IMPACT CLINICAL RESEARCH IV:
ADJUNCTIVE PHARMACOTHERAPY STUDIES
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

HIGH-IMPACT CLINICAL RESEARCH V: 
TRANSCATHETER AORTIC VALVE REPLACEMENT

High-Impact Clinical Research V: Transcatheter Aortic Valve Replacement

Structural: Valve

SATURDAY, SEPTEMBER 28, 2019
9:00 am - 10:00 am
Innovation & Keynote Theater

9:00 am - 10:00 am
Transcatheter Aortic Valve Replacement
Moderators: Carlos E. Ruiz, Lars SondergaardDiscussants: George S. Hanzel, Jaffar M. Khan, Oscar A. Mendiz, Stephane Noble, Toby Rogers

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 Jimenez Diaz

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: Ronak Delewi

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: 
MANAGEMENT OF CARDIogenic SHOCK

High-Impact Clinical Research VI: Management of Cardiogenic Shock

Coronary: CHIP

SATURDAY, SEPTEMBER 28, 2019
10:00 am - 11:00 am
Innovation & Keynote Theater

10:00 am Shock Prognosis: Validation of the SCAI Cardiogenic Shock Classification
Lecturer: Dirk Westermann

10:10 am Roundtable Discussion With Audience QA

10:15 am Impact of Right Ventricular Dysfunction in Acute Myocardial Infarction Complicated by Cardiogenic Shock
Lecturer: Mir Babar Basir

10:25 am Roundtable Discussion With Audience QA

10:30 am Multivessel Intervention in Shock: Validation of the CULPRIT SHOCK Trial Outcomes in a National Myocardial Infarction Registry
Lecturer: Wojtek Wojakowski

10:40 am Roundtable Discussion With Audience QA

10:45 am Trends in the Use of Mechanical Circulatory Support in the United States: The 2012 2015 National Inpatient Sample
Lecturer: Ankur Kalra

10:55 am Roundtable Discussion With Audience QA

FASCINATING LECTURES

Fascinating Lectures

Innovation

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
HIGH-IMPACT CLINICAL RESEARCH VIII: VALVE THERAPIES AND NON-CARDIAC SURGERY

High-Impact Clinical Research VIII: Valve Therapies and Non-Cardiac Surgery

Structural: Valve

SATURDAY, SEPTEMBER 28, 2019
3:00 PM - 4:00 PM
Innovation & Keynote Theater

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: Alexander Lauten

3:25 PM  Roundtable Discussion With Audience QA

3:30 PM  TRILUMINATE Trial: 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

HIGH-IMPACT CLINICAL RESEARCH VII: PCI WITH PHYSIOLOGIC GUIDANCE

High-Impact Clinical Research VII: PCI With Physiologic Guidance

Coronary: Core

SATURDAY, SEPTEMBER 28, 2019
2:00 PM - 3:00 PM
Innovation & Keynote Theater

2:00 PM  PCI With Physiologic Guidance
Moderators: Nick Curzen, Paul KnaapenDiscussants: Joost Daemen, Niels R. Holm, Nils Johnson, Morton J. Kern, Barry F. Uretsky, Tim P. Van de Hoeven

2:00 PM  DEFINE FLAIR: 2 Year Outcomes From a Randomized Trial of iFR and FFR Decision Making in Patients With Coronary Artery Disease
Lecturer: Justin E. Davies

2:10 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 IX: CAD DIAGNOSIS AND COMPLEX PCI STRATEGIES

High-Impact Clinical Research IX: CAD Diagnosis and Complex PCI Strategies
Coronary: CHIPCoronary: Core

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
Moderators: Yves R. Louvard, John A. Ormiston
Discussants: Shao-Liang Chen, Michael J. Cowley, Bjarne Linde Norgaard, Huay Cheem Tan, Jan G. P. Tijssen

4:00 PM
Lecturer: Udo Hoffmann

4:10 PM
Roundtable Discussion With Audience QA

4:15 PM
ASET: DES implantation with an Aspirin free Strategy and Prasugrel Monotherapy in Patients with Chronic Coronary Artery Disease
Lecturer: Pedro A. Lemos

4:25 PM
Roundtable Discussion With Audience QA

4:30 PM
SR SCAD: Patient Characteristics Management and Outcomes of Spontaneous Coronary Artery Dissection From a Spanish National Registry
Lecturer: Fernando Alfonso

4:40 PM
Roundtable Discussion With Audience QA

4:45 PM
PROPOST: A Randomized Trial of the Proximal Optimization Technique in Coronary Bifurcation Lesions
Lecturer: Ken Kozuma

4:55 PM
Roundtable Discussion With Audience QA

FDA UNIVERSITY AT TCT

FDA University at TCT
Innovation

SATURDAY, SEPTEMBER 28, 2019
9:00 AM - 5:00 PM
Room 205-206

9:00 AM - 9:05 AM
Introduction

9:05 AM - 11:15 AM
Session I: Best Practices in Regulatory Affairs — Premarket, Part 1
Moderators: Jaime Raben, Changfu Wu
Discussants: Ariel Ash-Shakoor, Lauren S. Baker, Jennifer Bastijanic, Declan Dineen, Semih Oktay, Nasser Rafiee, Ryan Randall, Julie Selstrom

9:05 AM
Its Now Official: The New CDRH Organizational Structure and How It May Impact Your Interactions With the FDA Through the Total Product Life Cycle
Lecturer: Nicole Ibrahim

9:25 AM
Best Practices in Presubmissions: How to Make Them Useful for Everyone
Lecturer: Ariel Ash-Shakoor

9:45 AM
How to Get Your IDE Approved in the First Round: Tips and Common Mistakes to Avoid
Lecturer: Jennifer Bastijanic

10:05 AM
The Winding Journey From EFSFIH to Pivotal Study: How to Work Closely With the FDA Through the Ups and Downs
Lecturer: Changfu Wu

10:25 AM
Breakthrough Device Designation: What Is It for and What Is It Not For
Lecturer: Ryan Randall

10:45 AM
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, Kent Grove, Claire Hambright, Grzegorz L. Kaluza, Natalie Miller, Hiren Mistry, Semih Oktay, 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 AM
Roundtable Discussion With Audience QA

1:00 PM - 2:00 PM
Lunch Break

2:00 PM - 4:00 PM
Session III: Best Practices in Regulatory Affairs — Postmarket
Moderators: Lydia S. Glow, Rachel Neubrander
Discussants: Lisa A.M. Becker, Jennifer Bolton, Declan Dineen, Adam Donat, Judy Ji, Irene Parker, Samuel Raben, 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

2:50 PM  Real World Data vs. Real World Evidence: How Can It Be Used for Device Labeling Expansion  
Lecturer: Rebecca Ward

3:10 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  Coffee Break

4:00 PM - 5:00 PM  Session IV: General Topic Roundtable and Q&A  
Moderator: Nicole Ibrahim, Martin B. Leon

4:00 PM  Roundtable Discussion: Most Frequently Asked Questions and FDA Chokepoints Industry and Perspectives and FDA Responses  
Discussant: Lauren S. Baker, Andrew Cleeland, James S. Eadie, Katherine Kumar, Aaron Lottes, William H. Maisel, Evan Norton, Semih Oktay, Michael Zapien

4:40 PM  Open Mic: Audience QA  
Discussant: Hajira Ahmad, Lydia S. Glaw, Claire Hambright, Nicole Ibrahim, Jinny Liu, Natalie Miller, Rachel Neubrander, Greg O'Connell, Changfu Wu

4:55 PM  Wrap Up and Adjourn  
Lecturer: Changfu Wu

CHRONIC KIDNEY DISEASE: PREVENTING AND TREATING CONTRAST NEPHROPATHY

12:15 PM - 1:45 PM  Chronic Kidney Disease: Preventing and Treating Contrast Nephropathy  
Moderators: Somjot S. Brar, Hitinder S. Gurm  
Discussants: Carlo Briguori, Sanjog Kalra, R. Stefan Kiesz, Richard J. Solomon, George W. Vetrovec, Junjie Zhang

12:15 PM  Contrast Induced Nephropathy: Does It Exist and Does It Matter  
Lecturer: Richard J. 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

1:00 PM  CIN Prevention II: Clinical Trials Summary of Completed and Ongoing Studies

BALLOON PULMONARY ANGIOPLASTY FOR CHRONIC THROMBOEMBOLIC PULMONARY HYPERTENSION: CENTER EXPERTISE AND ILLUSTRATIVE CASE DEMONSTRATIONS

12:15 PM - 1:45 PM  Balloon Pulmonary Angioplasty for Chronic Thromboembolic Pulmonary Hypertension: Center Expertise and Illustrative Case Demonstrations  
Moderators: Somjot S. Brar, Hitinder S. Gurm  
Discussants: Carlo Briguori, Sanjog Kalra, R. Stefan Kiesz, Richard J. Solomon, George W. Vetrovec, Junjie Zhang

12:15 PM  Balloon Pulmonary Angioplasty for Chronic Thromboembolic Pulmonary Hypertension: Center Expertise and Illustrative Case Demonstrations
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 PM - 1:45 PM
Room 216

12:15 PM - 1:45 PM
Clinical Trial Design, Statistics, and Literature Interpretation: The Evidence-Based Medicine Expert
Moderators: C. Michael Gibson, Stuart J. Pocock
Discussants: Andrew Althouse, Otavio Berwanger, Mitchell W. Krucoff, 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: Andrew Althouse

12:25 PM
When Trials Disagree: The COAPTMITRA FR Case Study
Lecturer: Milton Packer

12:35 PM
Roundtable Discussion With Audience QA

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

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

12:15 PM - 1:45 PM
Combined Structural Interventions: Two Valves, Valve and LAAO, and More

Combined Structural Interventions: Two Valves, Valve and LAAO, and More
Structural: Valve

SATURDAY, SEPTEMBER 28, 2019
12:15 PM - 1:45 PM
Room 216

12:15 PM
Combined Low Flow Low Gradient Aortic Stenosis and Functional Mitral Regurgitation: A Diagnostic Challenge
Lecturer: Rebecca T. Hahn

12:22 PM
Role of CT Angiography for Quantification of Aortic Stenosis
Lecturer: Hasan Jilaihawi

12:27 PM
Roundtable Discussion With Audience QA

12:32 PM
Case Introduction: Moderate Aortic Stenosis and Severe Secondary Mitral Regurgitation
Case Presenter: Howard C. Herrmann

12:35 PM
Case Viewpoint: Treat Both AS and MR
Lecturer: Saibal Kar

12:40 PM
Case Viewpoint: Treat the MR Conservative Management for the AS
Case Presenter: Brij Maini

12:45 PM
Roundtable Discussion With Audience QA

12:50 PM
Case Resolution: How We Treated Moderate Aortic Stenosis and Severe Secondary Mitral Regurgitation
Case Presenter: Howard C. Herrmann

12:55 PM
State of the Art Medical Therapy for Treatment of Tricuspid Regurgitation and Its Effect on Prognosis
Lecturer: Linda D. Gillam

1:02 PM
Case Presentation: Severe DMR and Severe TR
Case Presenter: Anita Asgar

1:05 PM
Case Viewpoint: Treat the MR Only
Lecturer: Magnus Settergren

1:10 PM
Case Viewpoint: Treat Both the MR and TR
Lecturer: Neil P. Fam

1:15 PM
Roundtable Discussion With Audience QA
1:20 pm  Case Resolution: How We Treated Severe DMR and Severe TR  
Lecturer: Anita Asgar

1:25 pm  Flash Debate: TAVR in the Moderate Risk Bleeding Patient With AF Close the LAA  
Lecturer: Kishore J. Harjai

1:31 pm  Flash Debate: TAVR in the Moderate Risk Bleeding Patient With AF Medical Therapy Is Best  
Lecturer: Freek Verheugt

1:37 pm  Roundtable Discussion With Audience QA

**HYPERTROPHIC CARDIOMYOPATHY AND SEPTAL ABLATION**

| Hypertrophic Cardiomyopathy and Septal Ablation |
| Structural: Non-Valve |

**SATURDAY, SEPTEMBER 28, 2019**

12:15 pm - 1:00 pm  
Session I: HCM Diagnosis and Medical Management  
Moderators: John S. Douglas Jr, George S. Hanzel  
Discussants: Bernard J. Gersh, Carey D. Kimmelstiel, Antoine Lafont, John C. Messenger, Sherif F. Nagueh, Ali Oto

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  Risk Stratification for Sudden Cardiac Death and ICD Implantation  
Lecturer: Bernard J. Gersh

12:42 pm  Discussion With Audience QA

12:51 pm  Clinical Presentation Pathophysiology and Natural History  
Lecturer: Bernard J. Gersh

1:00 pm - 1:45 pm  
Session II: Alcohol Septal Ablation  
Moderators: Sherif F. Nagueh, Hubert Seggewiss  
Discussants: Valerian Fernandes, Jorge Gaspar, Morton J. Kern, Srihari S. Naidu, Francesco Pelliccia, Stephen R. Ramee

1:00 pm  Case Selection for Alcohol Septal Ablation  
Lecturer: Srihari S. Naidu

1:09 pm  The Alcohol Septal Ablation Procedure  
Lecturer: Valerian Fernandes

1:18 pm  Alcohol Septal Ablation Complications and Management  
Lecturer: Hubert Seggewiss

1:27 pm  Long term Outcomes of Alcohol Septal Ablation  
Lecturer: George S. Hanzel

1:36 pm  Discussion With Audience QA

**COMPLEX ADULT CONGENITAL INTERVENTION**

| Complex Adult Congenital Intervention |
| Structural: Non-Valve |

**SATURDAY, SEPTEMBER 28, 2019**

12:15 pm - 1:45 pm  
Complex Adult Congenital Intervention  
Moderators: Zahid Amin, John F. Rhodes  
Discussants: Matthew A. Crystal, Eric Horlick, Thomas K. Jones, Clifford J. Kavinsky, Manuel D. Pan, Harsimran Sachdeva Singh

12:15 pm  A Cancer Patient Who Underwent Placement of a Port a Cath: Look What Happened  
Case Presenter: Clifford J. Kavinsky

12:24 pm  An Adult With an Aortopulmonary Window  
Case Presenter: Eric Horlick

12:33 pm  A Fontan Patient Who Had a Thrombus  
Case Presenter: Matthew A. Crystal

12:42 pm  Pregnancy CHF and a Transcatheter Tricuspid Valve Implantation  
Case Presenter: Harsimran Sachdeva Singh

12:51 pm  A Case of PIVSD: A Difficult Case With a Difficult Decision  
Case Presenter: Zahid Amin

1:00 pm  An Octogenarian With a De Novo Dilated Cardiomyopathy  
Case Presenter: Reda Ibrahim

1:09 pm  Coarctation Stent Implantation in an Adult With Turner Syndrome  
Case Presenter: Thomas K. Jones

1:18 pm  A Left Ventricular Pseudoaneurysm

1:27 pm  A Baffling Occlusion: Transcatheter Fontan Baffle Creation  
Lecturer: John F. Rhodes

1:36 pm  An Adult With Azygous Continuation and an ASD

**SPONTANEOUS CORONARY ARTERY DISSECTION: NOVEL INSIGHTS ON DIAGNOSIS AND TREATMENT**

| Spontaneous Coronary Artery Dissection: Novel Insights on Diagnosis and Treatment |
| Coronary: Core |
Spontaneous Coronary Artery Dissection: Novel Insights on Diagnosis and Treatment
Moderators: Fernando Alfonso, Jacqueline Saw
Discussants: Patricia J. Best, Carlo Di Mario, Rajiv Gulati, Francesco Prati

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: Carlo Di Mario
1:10 PM Roundtable Discussion With Audience QA
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: Patricia J. Best
1:40 PM Roundtable Discussion With Audience QA

CHALLENGES AND DEVELOPMENTS IN TAVI PROCEDURE: ARGENTINEAN AND FRENCH EXPERIENCES — PRESENTED BY GROUPE ATEROME ET CARDIOLOGIE INTERVENTIONNELLE (GACI) AND COLEGIO ARGENTINO DE CARIOANGIOLOGOS INTERVENCIONISTAS (CACI)
Challenges and Developments in TAVI Procedure: Argentinean and French Experiences

Moderators: Anibal A. Damonte, Jacques Monsegu
Discussants: Gustavo Andersen, Alejandro D. Fernandez, Gerardo Nau, Christian M. Spaulding, Eric Van Belle

9:00 AM - 10:10 AM

Introduction and Session Objectives
Lecturer: Anibal A. Damonte

9:05 AM
Moving From a Full Invasive to a Minimalistic Procedure The Argentinean and Latin American Experience
Lecturer: Matias Sztejfman

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

10:05 AM
Conclusion
Lecturer: Jacques Monsegu

CSI-NIC INDIA SESSION @ TCT

CSI-NIC India Session @ TCT
Coronary: Core

SATURDAY, SEPTEMBER 28, 2019
3:00 PM - 4:30 PM
Room 216

3:00 PM - 4:30 PM

Session I: Imaging

3:00 PM
IVUS: Its Present Roles and Advantages
Lecturer: Debdeep Bhattacharya

3:10 PM
How OCT Can Help Better Predict MACE Events in Left Main vs. IVUS: ROCK II Retrospective Update
Lecturer: Selvamani Sethuraman

3:20 PM
How India Is Learning to See Its PCI Patients Through 1n OCT: The 2 Year Journey Update
Lecturer: Rony Mathew

3:30 PM
Roundtable Discussion With Audience QA

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 Abdulakutty

3:50 PM
FFR in STEMI NSTEMI and Unstable Angina: What Is the Latest Data
Lecturer: Rajesh Vijayvergiya

4:00 PM
Roundtable Discussion With Audience QA

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: Prathap Kumar

4:15 PM
STOPDAPT SMART CHOICE and TWILIGHT: Will These Trials Change Your Clinical Practice
Lecturer: Aditya Kapoor

4:25 PM
Closing Remarks and Key Takeaways

INTERNATIONAL COMPLEX CASE SESSION VII: FEATURED CHIP AND OTHER SPECIAL PCI SITUATIONS

International Complex Case Session VII: Featured CHIP and Other Special PCI Situations
Coronary: CHIP

SATURDAY, SEPTEMBER 28, 2019
8:30 AM - 10:30 AM
Presentation Theater 1

3:00 PM
Precision PCI and Optimization of PCI Outcomes
Chairs: Dhiman Kahali, Ajay J. Kirtane, Prathap Kumar, Sreenivas Arramroju Kumar
Panelists: Md Golam Azam, Madhu K. Sreedharan, Luca Testa
8:30 AM - 10:30 AM
Featured CHIP and Other Special PCI Situations
Moderators: Waqar H. Ahmed, Ivo Petrov
Discussants: Giovanni Esposito, Alejandro Goldsmith, Afzalur Rahman, Abdullah Shehab, Li-Wah Tam

8:30 AM Introduction
Lecturer: Ivo Petrov

8:35 AM Mexico Presents: The Right Coronary as the Thread of Life
Acute Left Main Total Occlusion
Case Presenter: David Leonardo Aguilar De La Torre

8:45 AM Roundtable Discussion With Audience QA

8:50 AM Belgium Presents: Double Stent Fracture and In Stent Restenosis
Due to a Protruding Calcified Nodule Treated With Shockwave Coronary Intravascular Lithotripsy
Case Presenter: Johan R. Bennett

9:00 AM Roundtable Discussion With Audience QA

9:05 AM Bulgaria Presents: PCI of Calcified Coronary Arteries Challenges
With Different Aspects
Case Presenter: Valery Gelev

9:15 AM Roundtable Discussion With Audience QA

9:20 AM Egypt Presents: CHIP FORUM PCI in STEMI With LM Complex Lesion
Case Presenter: Mohamed Ahmed Sobhy

9:30 AM Roundtable Discussion With Audience QA

Case Presenter: Supawat Ratanapo

9:45 AM Roundtable Discussion With Audience QA

9:50 AM Indonesia Presents: Catheter Induced Stanford Type A Aortic Dissection With Oclusive Spiral Dissection of RCA and Perforation Treated Non Surgically
Case Presenter: Teguh Santoso

10:00 AM Roundtable Discussion With Audience QA

10:05 AM Singapore Presents: A Case of OCT Guided Zero Contrast PCI in a Patient With Known Contrast Induced Anaphylaxis
Case Presenter: Paul JL Ong

10:15 AM Roundtable Discussion With Audience QA

10:20 AM Final Thoughts
Lecturer: Waqar H. Ahmed

INTERNATIONAL COMPLEX CASE SESSION IX: A POTPURRI OF COMPLEX INTERVENTIONAL CASES II

INTERNATIONAL COMPLEX CASE SESSION VIII: A POTPURRI OF COMPLEX INTERVENTIONAL CASES I

INTERNATIONAL COMPLEX CASE SESSION IX: A POTPURRI OF COMPLEX INTERVENTIONAL CASES II

International Complex Case Session IX: A Potpourri of Complex Interventional Cases II
Coronary: CoreCoronary: CHIP

SATURDAY, SEPTEMBER 28, 2019
4:00 AM - 5:30 AM
Presentation Theater 1
A Potpourri of Complex Interventional Cases II
Moderators: Arif Al Nooryani, Petr Kala
Discussants: Pablo D. Charry-Amaya, Mohammed I. Kurdi, Andrzej J. Ochala, Joao Brum Silveira, Mahmoud Soliman

4:00 PM
Introduction

4:05 PM
Serbia Presents: A Case of a Patient With Multiple Comorbidities in Setting Limited TAVR Resources
Case Presenter: Milan A. Nedeljkovic

4:15 PM
Roundtable Discussion With Audience QA

4:25 PM
Colombia Presents: Post Traumatic Coronary Cameral Fistula
Case Presenter: Jorge Villegas

4:35 PM
Roundtable Discussion With Audience QA

4:45 PM
Tunisia Presents: How to Manage Acute Thrombosis of the Abdominal Aorta
Case Presenter: Habib Gamra

4:55 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

CLINICAL CHALLENGES IN HIGH-RISK PCI: A CASE-BASED REVIEW (SPONSORED BY CRF SUPPORTED BY AMGEN INC.)

Clinical Challenges in High-Risk PCI: A Case-Based Review (Sponsored by CRF Supported by Amgen Inc.)

SATURDAY, SEPTEMBER 28, 2019
6:30 AM - 7:45 AM
Room 207

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

6:45 AM - 7:45 AM
Clinical Challenges in High-Risk PCI: A Case-Based Review
Faculty: Shamir R. Mehta, Jeffrey W. Moses, David Wohns, MD
Chairs: Ajay J. Kirtane, Roxana Mehran

6:45 AM
Session Overview
Lecturer: Roxana Mehran

6:50 AM
Case 1: Complex PCI
Lecturer: David Wohns, MD

7:02 AM
Discussion QA

7:07 AM
Case 2: STEMI PCI In A Newly Diabetic Patient
Lecturer: Shamir R. Mehta

7:18 AM
Discussion QA

7:23 AM
Case 3: Recurrent In stent Restenosis
Lecturer: Jeffrey W. Moses

7:35 AM
Discussion QA

7:45 AM
Adjourn

ASPIRIN FOR THE INTERVENTIONALIST: MORE THAN MEETS THE EYE (SPONSORED BY CRF; SUPPORTED BY PLX PHARMA)

Aspirin for the Interventionalist: More Than Meets the Eye (Sponsored by CRF; Supported by PLx Pharma)

Coronary: Core

SATURDAY, SEPTEMBER 28, 2019
6:30 AM - 7:45 AM
Room 211

6:30 AM - 6:45 AM
Check-in and Breakfast

6:45 AM - 7:45 AM
Aspirin for the Interventionalist: More Than Meets the Eye
Faculty: Davide Capodanno, C. Michael Gibson, Sanjit S. Jolly, Freek Verheugt
Chairs: Dominick J. Angiolillo, Gregg W. Stone

6:45 AM
Aspirin Use for Primary and Secondary Prevention: Critical Appraisal of What We Know and What We Don't

CORONARY DRUG-COATED BALLOONS: CURRENT CHALLENGES, EMERGING CLINICAL INDICATIONS, AND FUTURE DIRECTIONS (SPONSORED BY CRF SUPPORTED BY B. BRAUN INTERVENTIONAL SYSTEMS, MEDTRONIC, AND TERUMO INTERVENTIONAL SYSTEMS)
6:30 AM - 6:45 AM
Check-in & Breakfast

6:45 AM - 7:45 AM
Coronary Drug-Coated Balloons: Current Challenges, Emerging Clinical Indications, and Future Directions
Faculty: Robert A. Byrne, Antonio Colombo, David E. Kandzari
Chairs: Fernando Alfonso, Bruno Scheller

6:45 AM
The Changing Coronary Lesion Phenotype Requires a Different Set of Interventional Tools
Lecturer: Antonio Colombo

6:53 AM
Critical Analysis of De Novo and ISR Clinical Trial Data
Lecturer: Fernando Alfonso

7:01 AM
The Challenges and Hazards of Re Intervention and Stenting
Lecturer: David E. Kandzari

7:09 AM
Moderated Discussion

7:19 AM
Death Following DCB Use Not Clinical Data from Coronary Trials
Lecturer: Bruno Scheller

7:27 AM
Future Developments in Drug Delivery Technologies
Lecturer: Robert A. Byrne

7:35 AM
Moderated Discussion

7:45 AM
Adjourn

INTERVENTIONAL THERAPIES FOR HYPERTENSION: CURRENT EVIDENCE AND CONTROVERSIES (SPONSORED BY CRF SUPPORTED BY ABLATIVE SOLUTIONS, ORCHESTRA BIOMED, AND RECOR MEDICAL, INC.)

Interventional Therapies for Hypertension: Current Evidence and Controversies (Sponsored by CRF Supported by Ablative Solutions, Orchestra BioMed, and ReCor Medical, Inc.)

SATURDAY, SEPTEMBER 28, 2019
6:30 AM - 7:45 AM
Room 216

6:30 AM - 6:45 AM
Check-In & Breakfast

6:45 AM - 7:45 AM
Interventional Therapies for Hypertension: Current Evidence and Controversies
Faculty: Michel Azizi, Melvin D. Lobo, Andrew Sharp
Chairs: Felix Mahfoud, Michael A. Weber
6:45 AM Welcome and Introductions
   Lecturer: Michael A. Weber

6:47 AM In Case You Missed It: Whats Happened So Very Recently in Renal Denervation
   Lecturer: Andrew Sharp

7:04 AM Interventional Therapies for Hypertension: Thinking Outside the Kidney
   Lecturer: Felix Mahtfoud

7:16 AM Moderated Discussion

7:21 AM Who is the Ideal Patient for an Interventional HTN Therapy
   Lecturer: Michel Azizi

7:31 AM Future Challenges for Hypertension Therapies: My Crystal Ball for the Next 10 years
   Lecturer: Melvin D. Lobo

7:41 AM Moderated Discussion

7:45 AM Adjourn

KILL MANY BIRDS WITH ONE STONE
(SPONSORED BY INDIA MEDTRONIC PVT. LTD.)

6:30 AM - 7:45 AM Check-in and breakfast

6:30 AM - 6:45 AM Kill Many Birds With One Stone (Sponsored by India Medtronic Pvt. Ltd.)

6:45 AM - 7:45 AM Kill Many Birds With One Stone
   Faculty: Praveer Agarwal, Prathap Kumar, Viveka Kumar, NIKHIL PARCHE, Anand M. Rao, Sai Satish, Rajesh Vijayvergiya
   Chairs: Martin B. Leon, Gary S. Mintz

6:45 AM Live Case: Complex PCI
   Discussants: Viveka Kumar, Anand M. Rao, Sai Satish
   Presenters: SM Ashraf

7:15 AM Stent Healing in One Month: Assessment Importance
   Discussants: Viveka Kumar, Anand M. Rao, Sai Satish
   Presenters: Praveer Agarwal

7:22 AM Interesting Retrograde CTO Intervention
   Discussants: Viveka Kumar, Anand M. Rao, Sai Satish
   Presenters: Prathap Kumar

7:29 AM How Stent Design Makes a difference in Tapered Vessels
   Discussants: Viveka Kumar, Anand M. Rao, Sai Satish
   Presenters: Rajesh Vijayvergiya

7:36 AM OCT Guided LM Intervention

NEXT-GENERATION DES TECHNOLOGY: THE FUTURE IS HERE! (SPONSORED BY CRF; SUPPORTED BY ABBOTT AND BOSTON SCIENTIFIC CORPORATION)

6:45 AM - 6:45 AM Check-in and breakfast

6:45 AM - 7:45 AM Next-Generation DES Technology: The Future Is Here!
   Faculty: Sripal Bangalore, Ajay J. Kirtane, Perwaiz M. Meraj, Philip M. Urban
   Chairs: George D. Dangas, Matthew J. Price

7:01 AM Session II: The Case for Durable Polymer DES
   7:01 AM The Science Behind Xience: From EXCEL to Short DAPT
   Lecturer: Sripal Bangalore

7:09 AM The Onyx One Programs: Moving to High Bleeding Risk Patients
   Lecturer: Matthew J. Price

7:25 AM Selecting the Right Stent for Your Patient: What Factors Are Differentiating
   Lecturer: Perwaiz M. Meraj

7:33 AM Moderated Discussion and Summary

PERCUTANEOUS MITRAL INTERVENTIONS: STANDARD OF CARE AND FUTURE DEVELOPMENT (SPONSORED BY CRF; SUPPORTED BY ABBOTT)
Percutaneous Mitral Interventions: Standard of Care and Future Development (Sponsored by CRF; Supported by Abbott)

Structural: Valve

SATURDAY, SEPTEMBER 28, 2019
6:30 AM - 7:45 AM
Room 209-210

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

6:45 AM - 7:45 AM
Percutaneous Mitral Interventions: Standard of Care and Future Development
Faculty: Vinayak N. Bapat, Michael J. Mack, Gilbert H.L. Tang

Co-Chairs: Saibal Kar, Francesco Maisano

6:45 AM Welcome and Introduction
Lecturer: Saibal Kar

6:50 AM Taking MitraClip Therapy to the Next Level: Reaching Excellence in Standard Practice and Beyond Standard Indications
Lecturer: Gilbert H.L. Tang

7:05 AM Focus FMR: Trial Data Patient Selection and Synergistic Therapies
Lecturer: Michael J. Mack

7:20 AM Mitral Valve Replacement: Who When and Why
Lecturer: Vinayak N. Bapat

7:35 AM Roundtable Discussion With Audience QA

7:42 AM Closing Remarks
Lecturer: Francesco Maisano

7:45 AM Adjourn

NEW ADVANCES IN PHYSIOLOGY AND IMAGING TO OPTIMIZE OUTCOMES
(SPONSORED BY BOSTON SCIENTIFIC CORPORATION)

Future and Scope of Sirolimus-Coated Balloon in Peripheral Vascular Treatment (Sponsored by Concept Medical, Inc.)

SATURDAY, SEPTEMBER 28, 2019
11:30 AM - 12:30 PM
Presentation Theater 2

11:30 AM - 12:30 PM
Future and Scope of Sirolimus-Coated Balloon in Peripheral Vascular Treatment

11:30 AM Science Behind Nanolute Technology of Sirolimus Coated Balloon
Presenter: George D. Dangas

11:37 AM The MagicTouch PTA Sirolimus Coated Balloon: Insights From Preclinical Evaluation
Presenter: Alok Finn

11:44 AM XTOSI Study: First in Man Study of Clinical Use and Safety of Sirolimus Coated PTA Balloon in the Treatment of Intrainguinal Arterial Disease
Presenter: Edward Choke

11:52 AM Xtreme FIM: Clinical Outcome and Safety in Peripheral Vascular Disease With Sirolimus Coated Balloon And Case Report
Presenter: Sameer I. Dani

11:59 AM Case: Critical Limb Ischemia Treated by Infrapopliteal DEB
Presenter: Sreekala Padmanabhan

12:06 PM Sirolimus Coated Balloon for Salvage Thrombus Arteriovenous Graft Interim Results and Future RCT Design
Presenter: Tang Tjun Yip

12:14 PM Sirolimus Coated Balloon for the Treatment of Vasculogenic Erectile Dysfunction: Ready for the Prime Time
Presenter: Giuseppe M. Sangiorgi

12:22 PM Panel Discussion and Audience Interaction
Discussant: Subhash Chandra, Stefano Galli, Dinesh Shah

11:30 AM - 12:30 PM
New Advances in Physiology and Imaging to Optimize Outcomes
Faculty: Ziad A. Ali, Cindy L. Grines, Nils Johnson, Morton J. Kern, Arnold Seto

11:30 AM Welcome and Introductions
Presenter: Cindy L. Grines, Morton J. Kern

11:35 AM New Options in Coronary Physiology in Practice
Presenter: Arnold Seto

11:50 AM Non Culprit Lesions in STEMI: Update on FULL REVASC
Presenter: Nils Johnson
TRANSCATHETER VALVE THERAPY | SATURDAY, SEPTEMBER 28, 2019

STANDING AT THE CROSSROADS OF PATIENT RISK MANAGEMENT: THE ROLE OF THE INTERVENTIONAL CARDIOLOGIST IN LIPID MANAGEMENT (ORGANIZED BY CRF; SPONSORED BY THE MEDICINES COMPANY)

SATURDAY, SEPTEMBER 28, 2019
11:30 am - 12:30 pm
Presentation Theater 1

11:30 am - 12:30 pm
The Role of the Interventional Cardiologist in Lipid Management
Faculty: Wolfgang Koenig, R. Scott Wright
Chairs: Ori Ben-Yehuda
Welcome
Lecturer: Ori Ben-Yehuda
11:35 am - 12:05 pm
The Angiogram: Charting the Course for Effective Lipid Management
Lecturer: Ori Ben-Yehuda
11:50 am - 12:05 pm
The State of The Art in LDL C Lowering: Urgent Needs and Unmet Opportunities
Lecturer: R. Scott Wright
12:05 pm - 12:15 pm
What is the Role of the Interventional Cardiologist in Lipid Management
Lecturer: Wolfgang Koenig
12:15 pm - 1:00 pm
Panel Discussion and QA

THE MODERNIZED PCI APPROACH: WHY AUTOMATIC OCT-GUIDED EXPANSION DETECTION MATTERS AND HOW TO OPTIMIZE OUTCOMES (SPONSORED BY ABBOTT)

SATURDAY, SEPTEMBER 28, 2019
11:30 am - 12:30 pm
Presentation Theater 3

12:05 pm HD IVUS in CHIPCTO: Luxury or Necessity
Presenter: Ziad A. Ali
12:20 pm Panel Discussion
Moderators: Cindy L. Grines, Morton J. Kern
Discussants: Ziad A. Ali, Nils Johnson

ABILITY TO TREAT DIABETIC PATIENTS: WITH A NOVEL COMBINED DES AND DCB IN A SINGLE PLATFORM (SPONSORED BY CONCEPT MEDICAL, INC.)

SATURDAY, SEPTEMBER 28, 2019
1:00 pm - 2:00 pm
Presentation Theater 2

1:00 pm - 2:00 pm
Ability to Treat Diabetic Patients: With a Novel Combined DES + DCB in a Single Platform (Sponsored by Concept Medical, Inc.)
Faculty: Sameer Dani, Alfonso Ielasi, Prathap Kumar, Azeem Latib, Luca Testa, Paolo Vicinelli
Chairs: Antonio Colombo, Roxana Mehran, Marie-Claude Morice
1:00 pm - 1:08 pm
Why Do We Need a Dedicated DES for Diabetes: Introducing the Abluminus Concept
Presenter: Roxana Mehran
1:08 pm - 1:16 pm
Multicenter Real World Data From Global Registries
Presenter: Luca Testa
1:16 pm - 1:22 pm
Case 1: Step by Step Treatment Strategy of Complex Diabetic Patient With Abluminus DES
Presenter: Sameer I. Dani
1:22 pm - 1:28 pm
Case 2: Abluminus in CHIP Cases and Outcomes
Presenter: Paolo Vicinelli
1:28 pm - 1:34 pm
Case 3: Diabetic Patient Multivessel Disease With LM 2 Year IVUS Follow Up
Presenter: Prathap Kumar
1:34 pm - 1:42 pm
The ABILITY DIABETES GLOBAL Imaging Study Randomized Control Trial Comparing Abluminus DES vs. Xience
Presenter: Azeem Latib
1:42 pm - 2:00 pm
The ABILITY DIABETES Global Trial: The Largest Randomized Control Trial With Coronary Stents for the Diabetic Population
NOVEL TECHNOLOGIES FROM MERIL'S ARMAMENTARIUM (SPONSORED BY MERIL LIFE SCIENCES PVT. LTD.)

**Presenters:** Antonio Colombo

**Panel Discussion and Audience QA**

**Discussant:** Alfonso Ielasi, Paolo Vicinelli

**1:50 PM**

**Panel Discussion and Audience QA**

**NOVEL TECHNOLOGIES FROM MERIL'S ARMAMENTARIUM (SPONSORED BY MERIL LIFE SCIENCES PVT. LTD.)**

**SATURDAY, SEPTEMBER 28, 2019**

**1:00 PM - 1:00 PM**

**Presentation Theater 3**

**Optimizing LDL-C MANAGEMENT IN PATIENTS UNDERGOING REVASCULARIZATION: MORE THAN JUST THE METAL (SPONSORED BY AMGEN, INC.)**

**Optimizing LDL-C Management in Patients Undergoing Revascularization: More Than Just the Metal (Sponsored by Amgen, Inc.)**

**SATURDAY, SEPTEMBER 28, 2019**

**1:00 PM - 2:00 PM**

**Presentation Theater 1**

**1:00 PM**

**Optimizing LDL-C Management in Patients Undergoing Revascularization: More Than Just the Metal**

**Faculties:** Ziad A. Ali, Aloke Finn

**THE GREAT CROSSINGS: CHIP MASTERCLASS (SPONSORED BY BOSTON SCIENTIFIC INDIA PVT. LTD.)**

**The Great Crossings: CHIP Masterclass (Sponsored by Boston Scientific India Pvt. Ltd.)**

**SATURDAY, SEPTEMBER 28, 2019**

**1:00 PM - 2:00 PM**

**Presentation Theater 4**

**1:00 PM**

**Complete Revascularization for CHIP Patients: How I Do It**

**Presenter:** Debdatta Bhattacharya

**1:08 PM**

**QA and Panel Discussion**

**1:12 PM**

**CrossBoss Catheter in Balloon Undilatable Lesions**

**Presenter:** ANUPAM JENA

**1:20 PM**

**QA and Panel Discussion**

**1:24 PM**

**Rotablation in Resistant CTO Lesions**

**Presenter:** Rajasekhar Varada

**1:32 PM**

**QA and Panel Discussion**

**1:36 PM**

**Should I Rotablate First or Regret Later**

**Presenter:** Rajesh Vijayvergiya

**1:44 PM**

**QA and Panel Discussion**

**1:48 PM**

**Solo Surviving Vessel Rota Intervention: Is it a No No**

**Presenter:** Samuel K. Mathew

**1:56 PM**

**QA and Panel Discussion**

**DAPT AND TRIPLE THERAPY: A CASE-BASED GUIDE TO OPTIMAL ANTIPLATELET THERAPIES (SPONSORED BY CRF; SUPPORTED BY ABBOTT, BOSTON SCIENTIFIC CORPORATION, AND MEDTRONIC)**

**DAPT and Triple Therapy: A Case-Based Guide to Optimal Antiplatelet Therapies (Sponsored by CRF; Supported by Abbott, Boston Scientific Corporation, and Medtronic)**

**Coronary: CHIP**

**Coronary: Core**

**SATURDAY, SEPTEMBER 28, 2019**

**6:00 PM - 8:00 PM**

**Yerba Buena Ballroom 7**

**6:00 PM - 6:30 PM**

**Check-in and reception**

**6:30 PM - 8:00 PM**

**DAPT and Triple Therapy: A Case-Based Guide to Optimal Antiplatelet Therapies**

**Lecturers:** C. Michael Gibson, James B. Hermiller Jr, Sunil V. Rao

**Co-Chairs:** Ajay J. Kirtane, Roxana Mehran

**6:30 PM**

**Welcome Introductions and Session Goals**
Lecturer: Roxana Mehran

6:35 PM  Optimal Strategies for DAPT: Concise Summaries
Lecturer: Ajay J. Kirtane

6:45 PM  Approaches to Reduce Bleeding Risk Post PCI in Patients Requiring OAC: Is There Any Role for ASA
Lecturer: C. Michael Gibson

7:10 AM  Real World Cases
Moderators: Ajay J. Kirtane, Roxana Mehran
Panel Discussants: C. Michael Gibson, James B. Hermiller Jr, Sunil V. Rao

7:10 AM  Case 1: A Complex Multivessel PCI in an Elderly Woman
Case Presenter: James B. Hermiller Jr

7:15 AM  Panel and Synthesis

7:25 AM  Case 2: A Patient With Complex Disease Who Requires Noncardiac Surgery
Case Presenter: Sunil V. Rao

7:30 AM  Panel and Synthesis

7:40 AM  Case 3: A Patient With AF and ACS
Case Presenter: C. Michael Gibson

7:45 AM  Panel and Synthesis

8:00 AM  Adjourn

HIGHEST GRADED ABSTRACTS OF TCT 2019

Highest Graded Abstracts of TCT 2019

SATURDAY, SEPTEMBER 28, 2019
8:30 AM - 10:30 AM
Room 215

8:30 AM - 10:30 AM
Highest Peer-Reviewed Oral Abstracts of TCT2019 — Sponsored by CCI and EuroIntervention
Moderators: Steven R. Bailey, Robert A. Byrne
Discussants: Giuseppe Biondi-Zoccai, Eric A. Cohen, Sameer Gafoor, Lloyd W. Klein, Julio C. Palmaz, Renu Virmani

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 Bioresorbable Scaffolds Implanted with Improved Technique: Two year Results from the ABSORB IV Randomized Trial
Presenting Author: Gregg W. Stone

8:55 AM  Discussion

9:00 AM  TCT 3: Modified Body Mass Index a Novel Marker of Malnutrition and Clinical Frailty is Associated with Outcomes after Transcatheter and Surgical Aortic Valve Replacement
Presenting Author: Elissa Driggin

9:10 AM  Discussion

Presenting Author: Mark Chang

9:25 AM  Discussion

9:30 AM  TCT 5: Is Surgical Aortic Valve Replacement Still an Option for Radiation induced Aortic Stenosis in Transcatheter Aortic Valve Replacement Era
Presenting Author: Farhang Yazdchi

9:40 AM  Discussion

9:45 AM  TCT 6: Incidence And Predictors Of Hemodynamic Deterioration of Transcatheter and Surgical Bioprosthetic Aortic Valves: Pooled Analysis from the CoreValve Pivotal Trials

9:55 AM  Discussion

10:00 AM  TCT 2: Paravalvular Regurgitation after Transcatheter Aortic Valve Replacement in Moderate Risk Patients: A Pooled PARTNER 2 Trial and Registry Study
Presenting Author: Katherine Chau

10:10 AM  Discussion

10:15 AM  TCT 8: Updated 30 Day Outcomes for the U.S. Early Feasibility Study of the SAPIEN M3 Transcatheter Mitral Valve Replacement System
Presenting Author: Brian K. Whisenant

10:25 AM  Discussion

CHALLENGING CASES 5

Challenging Cases 5

Structural: Non-Valve Coronary: CHIPVascular Coronary: Core Structural: Valve

SATURDAY, SEPTEMBER 28, 2019
9:15 AM - 10:45 AM
Hall D
9:15 AM - 10:45 AM

Coronary XX


TCT 1437: Utilization of Minimal Dose Radiation in Percutaneous Coronary Intervention During ST Elevation Myocardial Infarction with Cardiogenic Shock

Presenting Author: Steven Song
TCT 1455: Prison Break A case of Rota shock pella
Presenting Author: Ka Chun Alan Chan
9:15 AM

TCT 1456: Long Way through the Bumpy Road for the New Hope: Successful PCI for Very Long CTO RCA with Critical and Heavily Calcified Donor Artery
Presenting Author: Kabul Priyanthana
9:15 AM

TCT 1457: ECART Conquering the Aorto ostial CAP in CTO PCI
Presenting Author: Kalavoni Mahadevan
9:15 AM

TCT 1458: Successful Percutaneous Coronary Intervention of a Chronically Severely Under Expanded Stent With Shockwave Intravascular Lithotripsy After Failure of Super High Pressure Non Compliant Balloon Combined With Double Buddy Wire Technique
Presenting Author: Antoine Gerbay
9:15 AM

TCT 1459: How to use dual lumen microcatheter in case of ambiguous proximal cap in CTO
Presenting Author: krzysztof bryniarski
9:15 AM

TCT 1460: Occluding balloon as a bailout of reverse wire technique in percutaneous coronary intervention for right coronary artery chronic total occlusion involving distal bifurcation
Presenting Author: Kuan-Liang Liu
9:15 AM

TCT 1461: Is there still a difference in radial and femoral access in CTO recanalization clinical case
Presenting Author: Leszek Bryniarski
9:15 AM

TCT 1462: ECMO supported Revascularization for a CHIP Patient with Multivessel Subtot al Occlusion
Presenting Author: Liming Gao
9:15 AM

TCT 1463: Transcatheter Closure With Figulla Flex II of Late Post Myocardial Infarction Ventricular Septal Rupture
Presenting Author: Luciano Dzul Gutierrez
9:15 AM

TCT 1464: Zero Contrast Diagnostic Angiography and Multivessel PCI for NSTEACS in a Patient with CKD V
Presenting Author: Mahesh V. Madhavan
9:15 AM

TCT 1465: Post Atherectomy No Flow Management
Presenting Author: Muzaffar Ali
9:15 AM

TCT 1466: Every Interventionists nightmare: Successful nonsurgical treatment of left main coronary complication during angioplasty
Presenting Author: Siddhartha Mengi
9:15 AM

TCT 1467: Coronary perforation post prolonged CPR during primary RCA intervention
Presenting Author: Nireen Okasha
9:15 AM

TCT 1468: Consecutive Complications Occurred in Percutaneous Intervention of Ostial Left Main Coronary Artery
Presenting Author: Norikiyo Oka
9:15 AM

TCT 1469: Management of Coronary Guidewire Fracture
Presenting Author: Omar Al-taweel
9:15 AM
TCT 1508: Low post PCI FFR values: a Trigger for Trouble
Presenting Author: Tara Neleman
9:15 AM

TCT 1509: Stent unders expansion in angiography guided percutaneous coronary intervention in patient with ST elevation myocardial infarction corrected later by IVUS guided PCI
Presenting Author: Timea szigethi.ti14@gmail.com
9:15 AM

TCT 1510: Seeing the Unseen Intra Coronary Imaging
Presenting Author: Vimalraj Bogana Shammugam
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: Afir Albulushi
9:15 AM

9:15 AM - 10:45 AM
Structural IX
Discussant: Amr E. Abbas, Ramesh Adiraju, Carla Agatiello, Matthias Göttberg, Simon Cheung-chi Lam, Michael J. Mullen, Vivian G. Ng, Brad Oldemeyer, Ali Ota, Jorge Palazuelos, Vincent J. Pompili, Vivek Rajagopal, Zoltan G. Turi

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: Bauryzhan 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 recannalization.
Presenting Author: Bryan Yan
9:15 AM

TCT 1490: Transcollateral 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 takase
9:15 AM

TCT 1492: A rare case of acute idiopathic axillary artery occlusion DVT amp Massive pulmonary embolism
Presenting Author: Sreekala Padmanabhan
9:15 AM

TCT 1493: High Output Cardiac Failure Resulting from Renal Artery Stenosis Related to an Aortic Endoluminal Graft
Presenting Author: Sreekala Padmanabhan
9:15 AM

TCT 1494: Stroke risk aborted after endovascular treatment of brachycephalic arterial trunk in Takayasu Arteritis.
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
9:15 AM

TCT 1497: Stroke as a complication of PCI in a patient with myocardial infarction.
Presenting Author: Nikita Litvinyuk
9:15 AM

9:15 AM - 10:45 AM
Coronary XIV
Discussant: Yuebo Liu, Massimo Moncone, Lampros Michalis, Michael Mooney, Graham Nichol, Eugenia Nikolsky, Manotosh Panja, Amit N. Patel, Jiancheng Xiu, Yuejin Yang, Azfar G. Zaman, Chris Zambikides, Feng Zhang

TCT 1498: A Case of Spontaneous Coronary Artery Dissection Managed Based on NIRS IVUS Findings
Presenting Author: Adnan Kassier
9:15 AM

TCT 1499: 3 D OCT guided Culotte intervention of LAD and D 1 bifurcation : Step by step
Presenting Author: Ganesan Nambirajan
9:15 AM

TCT 1500: OCT guided exclusion of expanding multiple coronary aneurisms induced by bioreorbable 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.
Presenting Author: Hiroyuki Nagai
9:15 AM

TCT 1502: A Case of Multivessel Recanalization of Organized thrombus
9:15 AM

Presenting Author: ALEJANDRO MARIO MARTINEZ

Presenting Author: Hwa Jung Kim

Presenting Author: Cenap Undemir

Presenting Author: Austin Komaranchath

Presenting Author: Abdul Qazi

Presenting Author: roopali reddy dandu

Presenting Author: Hwa Jung Kim

Presenting Author: Jeethender kumar kala

Presenting Author: KARTHIK VASUDEVAN

Presenting Author: Jeethender kumar kala

Presenting Author: Hwa Jung Kim

Presenting Author: Timea szigethi.ti14@gmail.com

Presenting Author: Yongbai Luo

Presenting Author: Afir Albulushi

Presenting Author: Adnan Kassier

Presenting Author: Ganesan Nambirajan

Presenting Author: Giuseppe Calligaris

Presenting Author: Hiroyuki Nagai

Presenting Author: ALEJANDRO MARIO MARTINEZ

Presenting Author: Hwa Jung Kim

Presenting Author: Cenap Undemir

Presenting Author: Austin Komaranchath

Presenting Author: Abdul Qazi

Presenting Author: roopali reddy dandu

Presenting Author: Hwa Jung Kim

Presenting Author: Jeethender kumar kala

Presenting Author: KARTHIK VASUDEVAN

Presenting Author: Maya Safarova

Presenting Author: Takamichi Takahashi

Presenting Author: TakuYA zheng

Presenting Author: Arif Albulushi

Presenting Author: Amr E. Abbas, Ramesh Adiraju, Carla Agatiello, Matthias Göttberg, Simon Cheung-chi Lam, Michael J. Mullen, Vivian G. Ng, Brad Oldemeyer, Ali Ota, Jorge Palazuelos, Vincent J. Pompili, Vivek Rajagopal, Zoltan G. Turi

Presenting Author: Atul Chugh

Presenting Author: Abdul Qazi

Presenting Author: Cenap Undemir

Presenting Author: Cenap Undemir

Presenting Author: Cenap Undemir
TCT 1519: MitraClip XTR embolization and retrieval - Gripper Line Failure
Presenting Author: Eric Cantey

TCT 1520: Out of the frying pan avoiding the fire: A VIV procedure resulting in a VSD
Presenting Author: Hasan Medamana

TCT 1521: when a simple interventional procedure turns into a nightmare
Presenting Author: heba nossier

TCT 1522: Slit N Slide: Valve Embolization During Valve in Valve Transcatheter Aortic Valve Replacement
Presenting Author: John Medamana

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

TCT 1524: An Infolded EvolutTM: Unexpected Complication of Bicuspid Valve TAVR
Presenting Author: Kendra Coonse

TCT 1525: Percutaneous transcatheter closure of iatrogenic aortic right atrial fistula using the Amplatzer duct occluder
Presenting Author: Kyung Hoon Roh

TCT 1526: Percutaneous closure of a post TAVR Aorta RV fistula
Presenting Author: Michael Megaly

TCT 1527: Aortic para valvular leak repair Can TAVR be the answer
Presenting Author: Mohamed Abdel-Aal Ahmed

9:15 am - 10:45 am
Structural X
Discussant: Martine Gilard, Antoine Lofont, Reginald I. Low, Pranav Loyalka, Issam D. Moussa, Christoph A. Nienaber, Mark Osten, Jai-Wun Park, Mehul Patel

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

TCT 1529: Balloon Rupture Management During Bio prosthetic Aortic Valve Fracture.
Presenting Author: Sayf Altabaqchali

TCT 1530: Successful implantation of MitraClip after cardiac tamponade
Presenting Author: Shingo Mizuno

TCT 1414: Transcatheter Aortic Valve Replacement via the Common Carotid Artery - A Case Series
Presenting Author: Giorgio Medranda

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: Wun Park, Mehul Patel

9:15 am
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 Occluder via Retrograde Approach
Presenting Author: Brett Wanamaker

Presenting Author: Edgar Stroppa Lamas

TCT 1540: Percutaneous Management Of Large LAD to PA Coronary Fistula
Presenting Author: Fahad Virk

TCT 1541: Coiling of LAD fistula
Presenting Author: Leong Lee

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

9:15 am - 10:45 am
Structural XI
Discussant: Pinak B. Shah, Alok Sharma, Ruth M. Starzyk, Paul Vermeersch, Pedro A. Villablanca, Neil J. Weissman, S. Chiu Wong, Sung-Han Yoon, David X. Zhao

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 Mahmolly

TCT 1545: A Giant Steal Single Coronary Artery with Coronary Cameral Fistula: Successful device closure
Presenting Author: Harsha Perla

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: aakash garg
2:00 AM - 3:30 PM
Coronary XXV
Discussant: Sanjeev Kumar Agarwal, Zening Jin, Samuel K. Mathew, Toshiya Muramatsu, Ganesan Nambirajan, Andrej J. Ochola, Manotosh Panja

TCT 1550: Connecting the Dots - Acquired Abdominal Aortic Interruption
Presenting Author: Joel Giblett

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 Amplatzer 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: Likhitheesh Jaikumar

TCT 1557: Nature Decides Survival Primary PCI in CCTGA at 76 years World's oldest 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 Infarction 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: Ripa 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
Presenting Author: Subash Chandhar

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: Ahmed Fathy

TCT 1565: Post TAVI PCI for Inferior Infarction The challenge
Presenting Author: Ahmed Ashraf Eissa

Presenting Author: Ahmed Elghamaz

TCT 1567: How can you transform a simple crush case to a husttle Overconfidence is a sin
Presenting Author: Ahmed Mowafy

TCT 1568: RADIAL PCI IVUS GUIDED IN ANOMALY RARE LM AND MVDS
Presenting Author: ahmed zaid

TCT 1569: Giant coronary aneurysm treated with stent and a ball of coils
Presenting Author: Anita Paggi

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

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

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

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 Mushahfal

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

TCT 1575: Antegrade fenestration and re entry AFR with small diameter balloons.
Presenting Author: Mauro Carlino

TCT 1576: A Non Usual Critical Stenosis with Cardiogenic Shock after Cardiac Surgery.
Presenting Author: marc bedossa

TCT 1577: Thrombus Embolization while Attempting Access for Mitral Clip

CHALLENGING CASES 6

Challenging Cases 6
Coronary: CoreCoronary: CHIP Structural: Non-Valve Structural: Valve

SATURDAY, SEPTEMBER 28, 2019
2:00 PM - 3:30 PM
Hall D
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 - 3:30 PM
Coronary XXVI
Discussant: Christos Christou, Jorge Cortes Lawrenz, Alejandro Goldsmit, Tarek Helmy

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: Moheb Wadie

2:00 PM
TCT 1583: FUNCTIONAL ASSEMENT OF SEQUENTIAL CORONARY
ARTERY FISTULA AND CORONARY ARTERY STENOSIS WITH
INSTANTANEOUS WAVE FREE RATIO IFR
Presenting Author: Muhammad Siddiqui

2:00 PM
TCT 1585: The art of retrograde approach in chronic total occlusion:
Externalisation to facilitate our difficulties
Presenting Author: NAY THU WIN

2:00 PM
TCT 1586: Intra Coronary Rotaglide Injection To Facilitate Passage Of
Rotafloppy Wire Across An Uncrossable Severely Calcified Leision.
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 1590: Left Main Bifurcation Stenting by DK Crush technique
Presenting Author: Preeti Sharma

2:00 PM
TCT 1591: COMPLEX HIGH RISK PTCA FROM LM OSTIUM TO DISTAL
LAD IN CLACIFIED ARTERY USING BUDDY WIRE TECHNIQUE
Presenting Author: RAGHAV 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 Chandwanevy

2:00 PM - 3:30 PM
Coronary XXVII
Discussant: Amr E. Abbas, Ramesh Adiraju, Nickolas Nodar Kipshidze, Nick Lakkis,
Hung Q. Ly, Sandeep Nathan, Marin Postu, Rahul Sakhuja, Michael P. Savage,
Sayan Sen

2:00 PM
TCT 1594: Just a mess

Presenting Author: ramy atim

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 IVV Replacement for Mixed Aortic Stenosis and
Severe Mitral Prosthesis Stenosis and Regurgitation
Presenting Author: Sara Karnib

2:00 PM
TCT 1600: Chonic 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: SEIJI KANO

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 - 3:30 PM
Coronary XXVIII
Discussant: Zening Jin, Xuebo Liu, Massimo Mancone, Samuel K. Mathew, Toshiya
Muramatsu, Ganesan Nambrirajan, Eugenia Nikolsky, Husam Noor, Andrezj J.
Ochala, Manotosh Panja, Amit N. Patel

2:00 PM
TCT 1609: Stuck IVUS causing damage to the stent on pullback.
Presenting Author: Mohit Sharma

2:00 PM
TCT 1610: DISLODGESTRUCK TWICE
Presenting Author: MUHAMMED SHALOOB

2:00 PM TCT 1612: Coronary perforation complicated with balloon shaft rupture
Presenting Author: ERUGRUL OKUYAN

2:00 PM TCT 1613: Delayed covered coronary wall rupture following rotational atherectomy in the subintimal space during percutaneous recanalization of a long and heavily calcified LAD CTO successfully treated with implantation of two newer generation thin strut covered stents.
Presenting Author: Sophie Degrawe

2:00 PM TCT 1614: A balloon a day takes a day a non deflation night mare
Presenting Author: SUHAIL MUHAMMED

2:00 PM TCT 1615: Stuck Intracoronary balloon catheter with broken shaft Nightmare in Cathlab
Presenting Author: SUNIL KUMAR SRINIVAS

2:00 PM TCT 1616: Unintentional coronary stent extraction postdeployment due to wire trapping
Presenting Author: SUNIL KUMAR SRINIVAS

2:00 PM TCT 1617: ECMO TO THE RESCUE IN A CASE OF REPEATED STENT THROMBOSIS AFTER A PAMI FOR RIGHT VENTRICULAR MYOCARDIAL INFARCTION
Presenting Author: Suresh Davis

2:00 PM TCT 1619: I PREFER NIGHTMARE OVER CORONARY ARTERY PERFORATION
Presenting Author: TUNAGGINA AFRIN KHAN

2:00 PM TCT 1620: A kinky 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
Discussant: Stefan C. Bertog, Quang T. Bui, G. Michael Deeb, Cameron Dowling, Francisco Fernandez-Aviles, Christian Frerker

2:00 PM TCT 1625: High Risk Transcatheter Pulmonic Valve Replacement of a Stenosed Conduit in a Hypercoagulable Patient
Presenting Author: Marc Gerdisch

2:00 PM TCT 1626: 1 Year Follow up Interruption 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: Vasutakorn Chongthammakun

2:00 PM TCT 1631: A Peculiar Path to the Pulmonic Valve
Presenting Author: Vijayan 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 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 Daggubati

2:00 PM TCT 1640: Percutaneous Closure of AortoRight Ventricular Fistula following Transcatheter Aortic Valve Replacement
Presenting Author: samineh sehatbakhsh

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: Vinodh kumar Paul pandi

2:00 PM TCT 1644: Transcatheter heart valve performed in patient with severe calcific aortic stenosis with mild aortic regurgitation
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**
**Discussant:** Robert J. Applegate, Stefan C. Bertog, Quang T. Bui, Marvin H. Eng, Francisco Fernandez-Aviles

2:00 PM
**TCT 1657:** Peri procedural mechanical circulatory support
*Presenting Author: Francisco Fernandez*
2:00 PM - 3:30 PM

**Coronary XXIX**

Discussant: Joanna Chikwe, Giovanni Esposito, Anton Farkas, Khalil Fattouch, Jason Foerst, Paul Gurbel, Jonathan M. Hill, Vijay Iyer, Katherine Kearney, Nish Patel

2:00 PM

**TCT 1668: Mechanical Circulatory Support in High Risk Acute Coronary Syndrome Associated with Ventricular Arrhythmia**

Presenting Author: Lina Ya'qoub

2:00 PM

**TCT 1669: A Case of Intraoperative Myocardial Infarction with Cardiogenic Shock Impella Support and Subsequent Management of Life Threatening Hemorrhage with Abdominal Compartment Syndrome**

Presenting Author: Peter Nguyen

2:00 PM

**TCT 1672: Biventricular Percutaneous Support With Biventricular Impella Support in a Patient With Profound Cardiogenic Shock**

Presenting Author: Rudin Gjeka

2:00 PM

**TCT 1673: Successful use of ImpellaCP through femoral access in a patient with bilateral iliac and aortic endoprosthesis in the setting of cardiogenic shock**

Presenting Author: Luis Dallan

2:00 PM

**TCT 1671: Impella Support in Transgender Patient Receiving Hormone Replacement Therapy Presenting with STEMI and Cardiogenic Shock.**

Presenting Author: Iliana Samara Hurtado Rendon

2:00 PM

**TCT 1675: Cardiogenic Shock Complicated by Diffuse Alveolar Hemorrhage DAH: Simultaneous use of an Impella CP and Venous Venous VV Extracorporeal Membrane Oxygenation ECMO in a Case of ST Elevation Myocardial Infarction STEMI requiring tissue Plasminogen Activator tPA**

Presenting Author: Peter Avvento

2:00 PM

**TCT 1676: Hemodynamic Support or Not: High risk PCI in STEMI and Cardiogenic Shock Presenting with Cardiac Arrest**

Presenting Author: Jian Liang Tan

2:00 PM

**TCT 1677: Percutaneous Auxiliary Access for Mechanical Circulatory Support in Complex Higher Risk Indicated Procedures CHIP**

Presenting Author: Luai Tabaza

2:00 PM

**TCT 1678: HAPPY HAIL MARY. CHIP: Alternative Access in Surgical Turndown**

Presenting Author: François 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: Total Bilateral Coronary Artery Occlusion: Impella to the Rescue**

Presenting Author: Francesca Ristalli

---

THE IMPACT OF DESIGN ON CORONARY GUIDEWIRE PERFORMANCE: A HANDS-ON EXPERIENCE

**The Impact of Design on Coronary Guidewire Performance: A Hands-On Experience**

Coronary: CHIP Coronary: Core

**SIXTH ANNUAL TRANSATHER VALVE THERAPY | SATURDAY, SEPTEMBER 28, 2019**

8:00 AM - 9:30 AM

Abbott Pavilion
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, Elliott Michael Groves, Robert F. Riley, Jason Wollmuth, Willis Wu

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 SupportSpecialty Wires Overview and Hands On Activity
9:10 AM   TurnTrac Wire Overview and Hands On Activity

8:00 AM - 9:30 AM
Large-Bore Access To Close: What You Want (and Need) To Know
Structural: ValveVascular

SATURDAY, SEPTEMBER 28, 2019
10:00 AM - 11:30 AM
Abbott Pavilion

10:00 AM - 10:20 AM
Introduction: Access Planning and Management of Complications Review
Training Pavilion Faculty: Adhir Shroff, Rajeev Tayal

10:20 AM - 11:30 AM
Hands-On Device Deployment
Training Pavilion Faculty: Adhir Shroff, Rajeev Tayal

8:00 AM - 9:30 AM
Now That I See It, I Know How To Treat It!: A Hands-On OCT Skills Lab

SATURDAY, SEPTEMBER 28, 2019
12:00 PM - 1:30 PM
Abbott Pavilion

12:00 PM - 12:20 PM
OCT: Now That I See It — Presentation

12:20 PM - 1:30 PM
Hands-On Sessions

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

12:20 PM - 3:30 PM
Now That I See It, I Know How To Treat It!: A Hands-On OCT Skills Lab

SATURDAY, SEPTEMBER 28, 2019
2:00 PM - 5:30 PM
Abbott Pavilion

2:00 PM - 2:20 PM
Introduction: Access Planning and Management of Complications Review
Training Pavilion Faculty: Adhir Shroff, Rajeev Tayal

2:20 PM - 3:30 PM
Hands-On Device Deployment
Training Pavilion Faculty: Adhir Shroff, Rajeev Tayal

12:00 PM - 1:30 PM
Physiology Simplified: A Hands-On RFR Skills Lab

SATURDAY, SEPTEMBER 28, 2019
4:00 PM - 5:30 PM
Abbott Pavilion

12:00 PM - 1:30 PM
Physiology Simplified: A Hands-On RFR Skills Lab

SATURDAY, SEPTEMBER 28, 2019
4:00 PM - 5:30 PM
Abbott Pavilion
4:00 PM - 4:15 PM
Didactic Session
Training Pavilion Faculty: Kevin J. Croce, Eric Lindley, Bruce Samuels, R. Jay Widmer

4:15 PM - 5:30 PM
Hands-On Activity Guided by Five Case Scenarios: Utilizing a Wet Model to Perform RFR and FFR
Training Pavilion Faculty: Kevin J. Croce, Eric Lindley, Bruce Samuels, R. Jay Widmer

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

<table>
<thead>
<tr>
<th>Time</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 AM</td>
<td>Introduction</td>
</tr>
<tr>
<td>8:05 AM</td>
<td>When to Use What to Optimize PCI</td>
</tr>
<tr>
<td>8:35 AM</td>
<td>Hands On Rotations</td>
</tr>
</tbody>
</table>

COMPLEX LESION ALGORITHMIC APPROACH: PROVEN DEVICES AND NEW APPLICATIONS

Complex Lesion Algorithmic Approach: Proven Devices and New Applications

<table>
<thead>
<tr>
<th>Time</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:00 AM</td>
<td>Introduction</td>
</tr>
<tr>
<td>10:05 AM</td>
<td>Complex Lesion Algorithmic Approach: Proven Devices and New Applications</td>
</tr>
<tr>
<td>10:35 AM</td>
<td>Hands On Rotations</td>
</tr>
</tbody>
</table>

PROTECTED TAVR: AN INTERACTIVE EXPERIENCE WITH SENTINEL CEREBRAL PROTECTION SYSTEM

Protected TAVR: An Interactive Experience with Sentinel Cerebral Protection System

<table>
<thead>
<tr>
<th>Time</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>12:00 PM</td>
<td>Introduction</td>
</tr>
<tr>
<td>12:05 PM</td>
<td>Product Data Overview and Case Reviews</td>
</tr>
<tr>
<td>12:35 PM</td>
<td>Hands On Rotations</td>
</tr>
</tbody>
</table>

ONYX ONE AND THE HIGH BLEEDING RISK PATIENT: REAL-WORLD CASE REVIEWS AND DISCUSSION

Onyx ONE and the High Bleeding Risk Patient: Real-World Case Reviews and Discussion

<table>
<thead>
<tr>
<th>Time</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 AM</td>
<td>Introduction</td>
</tr>
<tr>
<td>8:05 AM</td>
<td>Onyx ONE and the High Bleeding Risk Patient: Real-World Case Reviews and Discussion</td>
</tr>
<tr>
<td>8:35 AM</td>
<td>Hands On Rotations</td>
</tr>
</tbody>
</table>
BIFURCATION PCI: A STEP-BY-STEP TRAINING APPROACH (VISIBLE HEART)

SATURDAY, SEPTEMBER 28, 2019
10:00 AM - 11:30 AM
Medtronic Pavilion

**Bifurcation PCI: A Step-by-Step Training Approach (Visible Heart)**
Training Pavilion Faculty: Francesco Burzotta, Jens Flensted Lassen, Goran Stankovic

10:00 AM Introduction
10:05 AM Bifurcation Techniques with Integrated Visible Heart Laboratories Footage
10:45 AM Hands On Simulation

LOW-RISK TAVR: CASE SELECTION AND LIFETIME TREATMENT PATHWAY CONSIDERATIONS

SATURDAY, SEPTEMBER 28, 2019
12:00 PM - 1:30 PM
Medtronic Pavilion

**Low-Risk TAVR: Case Selection and Lifetime Treatment Pathway Considerations**
Training Pavilion Faculty: James Harvey, Tsuyoshi Kaneko

12:00 PM Introduction
12:05 PM Low Risk Data Review
12:15 PM Low Risk Patient Selection and Treatment Pathways: Considerations and Shared Decision Making
12:45 PM Interactive Discussion on Patient Scenarios

HOW THINGS WORK: THE SCIENCE OF RDN

How Things Work: The Science of RDN
Vascular

SATURDAY, SEPTEMBER 28, 2019
2:00 PM - 3:30 PM
Medtronic Pavilion

**How Things Work: The Science of RDN**
Training Pavilion Faculty: Aloke Finn, Philipp Lurz, John W. Osborn, Konstantinos P. Tsioufis

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 Radiofrequency Ablation and the Truth About the Ablation Depth
3:05 PM Radiofrequency Ablation for Renal Denervation

TIPS, TOOLS, AND TECHNIQUES FOR SUCCESSFUL POST-TAVR PCI

Tips, Tools, and Techniques for Successful Post-TAVR PCI
Structural: Valve
Coronary: CHIP
Coronary: Core

SATURDAY, SEPTEMBER 28, 2019
4:00 PM - 5:30 PM
Medtronic Pavilion

**Tips, Tools, and Techniques for Successful Post-TAVR PCI**
Training Pavilion Faculty: Stanley J. Chetcuti, Poonam Velagapudi

4:00 PM Introduction to Post TAVR PCI
4:15 PM Cases With Common Access Challenges
4:35 PM Simulation Demo
INTERVENTIONAL TREATMENT OF CARDIOGENIC SHOCK: HANDS-ON TRAINING WITH IMPELLA, PROTEK DUO, AND ECLS SYSTEMS

Interventional Treatment of Cardiogenic Shock: Hands-on Training with Impella, Protek DUO, and ECLS Systems

Coronary: CHIP

SATURDAY, SEPTEMBER 28, 2019
8:00 AM - 9:30 AM
CRF Pavilion 1

8:00 AM - 9:30 AM
Interventional Treatment of Cardiogenic Shock: Hands-on Training with Impella, Protek DUO, and ECLS Systems (Session I)
Training Pavilion Faculty: David A. Baran, Mir Babar Basir, Arthur Garan, Maximilian Halbe, Perwaiz M. Meraj, L. Christian Napp, Luca Vincentini

8:00 AM   Session I: Overview
8:00 AM   Overview
Training Pavilion Faculty: Arthur Garan

8:10 AM   Session II: Rotations Four 20 Minute Rotations

Rotation: Bedside Cannulation and Initiation of ECMO Support
Training Pavilion Faculty: Maximilian Halbe
8:10 AM   Rotation 1
8:30 AM   Rotation 2
8:50 AM   Rotation 3
9:10 AM   Rotation 4

Rotation: Hands On Training with Impella Device Insertion and Operation
Training Pavilion Faculty: L. Christian Napp
8:10 AM   Rotation 1
8:30 AM   Rotation 2
8:50 AM   Rotation 3
9:10 AM   Rotation 4

Rotation: Hands On Training With LivaNova ECLS Equipment
Training Pavilion Faculty: Mir Babar Basir
8:10 AM   Rotation 1
8:30 AM   Rotation 2
8:50 AM   Rotation 3
9:10 AM   Rotation 4

Rotation: Hands On Training With the Protek Duo Cannula Insertion and Pump for Right Heart Support
Training Pavilion Faculty: David A. Baran
8:10 AM   Rotation 1
8:30 AM   Rotation 2
8:50 AM   Rotation 3
9:10 AM   Rotation 4

Rotation: Hands On Training With the CardioHelp Device
Training Pavilion Faculty: Perwaiz M. Meraj
8:10 AM   Rotation 1
8:30 AM   Rotation 2
8:50 AM   Rotation 3
9:10 AM   Rotation 4

Rotation: Understanding the Hemodynamics of MCS: Harvi Simulator
Training Pavilion Faculty: Arthur Garan
8:10 AM   Rotation 1
8:30 AM   Rotation 2
8:50 AM   Rotation 3
9:10 AM   Rotation 4

Interventional Treatment of Cardiogenic Shock: Hands-on Training with Impella, Protek DUO, and ECLS Systems

Coronary: CHIP

SATURDAY, SEPTEMBER 28, 2019
10:00 AM - 11:30 AM
CRF Pavilion 1

10:00 AM - 11:30 AM
Interventional Treatment of Cardiogenic Shock: Hands-on Training with Impella, Protek DUO, and ECLS Systems (Session II)
### Session I: Overview

Time: 10:00 AM  
**Overview**  
*Training Pavilion Faculty: William W. ONeill*

### Session II: Rotations Four 20 Minute Rotations

**Rotation: Bedside Cannulation and Initiation of ECMO Support**  
*Training Pavilion Faculty: Maximilian Halbe Francesco Maisano*
- **10:10 AM** Rotation 1
- **10:30 AM** Rotation 2
- **10:50 AM** Rotation 3
- **11:10 AM** Rotation 4

**Rotation: Hands On Training with Impella Device Insertion and Operation**  
*Training Pavilion Faculty: Arthur Garan*
- **10:10 AM** Rotation 1
- **10:30 AM** Rotation 2
- **10:50 AM** Rotation 3
- **11:10 AM** Rotation 4

**Rotation: Hands On Training With LivaNova ECLS Equipment**  
*Training Pavilion Faculty: David A. Baran*
- **10:10 AM** Rotation 1
- **10:30 AM** Rotation 2
- **10:50 AM** Rotation 3
- **11:10 AM** Rotation 4

**Rotation: Hands On Training With the Protek Duo Cannula Insertion and Pump for Right Heart Support**  
*Training Pavilion Faculty: Colin Hirst*
- **10:10 AM** Rotation 1
- **10:30 AM** Rotation 2
- **10:50 AM** Rotation 3
- **11:10 AM** Rotation 4

**Rotation: Hands On Training With the CardioHelp Device**  
*Training Pavilion Faculty: Amir Kaki*
- **10:10 AM** Rotation 1
- **10:30 AM** Rotation 2
- **10:50 AM** Rotation 3
- **11:10 AM** Rotation 4

**Rotation: Understanding the Hemodynamics of MCS: Harvi Simulator**  
*Training Pavilion Faculty: Dennis Lynn Morris*
- **10:10 AM** Rotation 1
- **10:30 AM** Rotation 2
- **10:50 AM** Rotation 3
- **11:10 AM** Rotation 4

---

**Interventional Treatment of Cardiogenic Shock: Hands-on Training with Impella, Protek DUO, and ECLS Systems**

Time: Saturday, September 28, 2019  
2:00 PM - 3:30 PM  
CRF Pavilion 1

**Session I: Overview**  
2:00 PM  
**Overview**  
*Training Pavilion Faculty: Navin K. Kapur*

**Session II: Rotations Four 20 Minute Rotations**

**Rotation: Bedside Cannulation and Initiation of ECMO Support**  
*Training Pavilion Faculty: Maximilian Halbe*
- **2:10 PM** Rotation 1
- **2:30 PM** Rotation 2
- **2:50 PM** Rotation 3
- **3:10 PM** Rotation 4

**Rotation: Hands On Training with Impella Device Insertion and Operation**  
*Training Pavilion Faculty: Sanjog Kalra*
- **2:10 PM** Rotation 1
- **2:30 PM** Rotation 2
- **2:50 PM** Rotation 3
- **3:10 PM** Rotation 4
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Faculty Names</th>
</tr>
</thead>
<tbody>
<tr>
<td>4:00 PM</td>
<td>Session I: Overview</td>
<td>Arthur Garan</td>
</tr>
<tr>
<td>4:10 PM</td>
<td>Session II: Rotations Four 20 Minute Rotations</td>
<td>Arthur Garan, Maximilian Halbe, Francesco Maisano, Sanjog Kalra, Dennis Lynn Morris, L. Christian Napp, Luca Vincentini</td>
</tr>
</tbody>
</table>

**Rotation: Hands On Training With LivaNova ECLS Equipment**

**Training Pavilion Faculty:** David A. Baran

- **2:10 PM** Rotation 1
- **2:30 PM** Rotation 2
- **2:50 PM** Rotation 3
- **3:10 PM** Rotation 4

**Rotation: Hands On Training With the Protek Duo Cannula Insertion and Pump for Right Heart Support**

**Training Pavilion Faculty:** Dennis Lynn Morris

- **2:10 PM** Rotation 1
- **2:30 PM** Rotation 2
- **2:50 PM** Rotation 3
- **3:10 PM** Rotation 4

**Rotation: Hands On Training With the CardioHelp Device**

**Training Pavilion Faculty:** Amir Kaki

- **2:10 PM** Rotation 1
- **2:30 PM** Rotation 2
- **2:50 PM** Rotation 3
- **3:10 PM** Rotation 4

**Rotation: Understanding the Hemodynamics of MCS: Harvi Simulator**

**Training Pavilion Faculty:** Arthur Garan

- **2:10 PM** Rotation 1
- **2:30 PM** Rotation 2
- **2:50 PM** Rotation 3
- **3:10 PM** Rotation 4

**Interventional Treatment of Cardiogenic Shock: Hands-on Training with Impella, Protek DUO, and ECLS Systems**

**Coronary: CHIP**

**SATURDAY, SEPTEMBER 28, 2019**

**4:00 PM - 5:30 PM**

**Interventional Treatment of Cardiogenic Shock: Hands-on Training with Impella, Protek DUO, and ECLS Systems (Session IV)**

**Training Pavilion Faculty:** Arthur Garan, Maximilian Halbe, Colin Hirst, Sanjog Kalra, Francesco Maisano, Dennis Lynn Morris, L. Christian Napp, Luca Vincentini

- **4:00 PM** Overview
  - **Training Pavilion Faculty:** Arthur Garan

- **4:10 PM** Session I: Overview
  - **Overview**
    - **Training Pavilion Faculty:** Arthur Garan

- **4:10 PM** Session II: Rotations Four 20 Minute Rotations
  - **Rotation:** Bedside Cannulation and Initiation of ECMO Support
    - **Training Pavilion Faculty:** Maximilian Halbe Francesco Maisano
    - **4:10 PM** Rotation 1
    - **4:30 PM** Rotation 2
    - **4:50 PM** Rotation 3
    - **5:10 PM** Rotation 4

  - **Rotation:** Hands On Training with Impella Device Insertion and Operation
    - **Training Pavilion Faculty:** Sanjog Kalra
    - **4:10 PM** Rotation 1
    - **4:30 PM** Rotation 2
    - **4:50 PM** Rotation 3
    - **5:10 PM** Rotation 4

  - **Rotation:** Hands On Training With LivaNova ECLS Equipment
    - **Training Pavilion Faculty:** Colin Hirst
    - **4:10 PM** Rotation 1
    - **4:30 PM** Rotation 2
    - **4:50 PM** Rotation 3
    - **5:10 PM** Rotation 4

  - **Rotation:** Hands On Training With the Protek Duo Cannula Insertion and Pump for Right Heart Support
    - **Training Pavilion Faculty:** Arthur Garan
    - **4:10 PM** Rotation 1
    - **4:30 PM** Rotation 2
    - **4:50 PM** Rotation 3
    - **5:10 PM** Rotation 4
## COMPLEX LESION MANAGEMENT IN SFA INTERVENTION

### Complex Lesion Management in SFA Intervention

**Vascular**

**SATURDAY, SEPTEMBER 28, 2019**

**8:00 am - 9:30 am**

**SFA Intervention: De-Bulking, Complex Lesions, and Definitive Therapy (Session I)**


<table>
<thead>
<tr>
<th>Time</th>
<th>Session I: Introduction</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 am</td>
<td><strong>Introduction: Introducing Unmet Needs</strong></td>
</tr>
<tr>
<td>8:00 am</td>
<td>Complex Lesions Definitive Treatment Options and Debulking</td>
</tr>
<tr>
<td></td>
<td><em>Training Pavilion Faculty: Sahil A. Parikh</em></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>Session II: Rotations Four 20 Minute Rotations</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:10 am</td>
<td><strong>Rotation: Definitive Treatment Options Featuring Abbott</strong></td>
</tr>
<tr>
<td></td>
<td><em>Training Pavilion Faculty: Eric J. Dippel Craig M. Walker Ramzan M. Zakir</em></td>
</tr>
<tr>
<td>8:10 am</td>
<td><strong>Rotation 1</strong></td>
</tr>
<tr>
<td>8:30 am</td>
<td><strong>Rotation 2</strong></td>
</tr>
<tr>
<td>8:50 am</td>
<td><strong>Rotation 3</strong></td>
</tr>
<tr>
<td>9:10 am</td>
<td><strong>Rotation 4</strong></td>
</tr>
</tbody>
</table>

**10:00 am - 11:30 am**

**SFA Intervention: De-Bulking, Complex Lesions, and Definitive Therapy (Session II)**


<table>
<thead>
<tr>
<th>Time</th>
<th>Session I: Introduction</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:00 am</td>
<td><strong>Introduction</strong></td>
</tr>
</tbody>
</table>

**Rotation: Hands On Training With the CardioHelp Device**

*Training Pavilion Faculty: L. Christian Napp*

<table>
<thead>
<tr>
<th>Time</th>
<th>Rotation 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>4:10 pm</td>
<td></td>
</tr>
<tr>
<td>4:30 pm</td>
<td><strong>Rotation 2</strong></td>
</tr>
<tr>
<td>4:50 pm</td>
<td><strong>Rotation 3</strong></td>
</tr>
<tr>
<td>5:10 pm</td>
<td><strong>Rotation 4</strong></td>
</tr>
</tbody>
</table>

**Rotation: Understanding the Hemodynamics of MCS: Harvi Simulator**

*Training Pavilion Faculty: Dennis Lynn Morris*

<table>
<thead>
<tr>
<th>Time</th>
<th>Rotation 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>4:10 pm</td>
<td></td>
</tr>
<tr>
<td>4:30 pm</td>
<td><strong>Rotation 2</strong></td>
</tr>
<tr>
<td>4:50 pm</td>
<td><strong>Rotation 3</strong></td>
</tr>
<tr>
<td>5:10 pm</td>
<td><strong>Rotation 4</strong></td>
</tr>
</tbody>
</table>

**Rotation: Definitive Treatment Options and Debulking Featuring BSC**

*Training Pavilion Faculty: George S. Chrysant Beau Hawkins S. Jay Mathews*

<table>
<thead>
<tr>
<th>Time</th>
<th>Rotation 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:10 am</td>
<td></td>
</tr>
<tr>
<td>8:30 am</td>
<td><strong>Rotation 2</strong></td>
</tr>
<tr>
<td>8:50 am</td>
<td><strong>Rotation 3</strong></td>
</tr>
<tr>
<td>9:10 am</td>
<td><strong>Rotation 4</strong></td>
</tr>
</tbody>
</table>

**Rotation: Definitive Treatment Options Debulking and Complex Lesions Featuring Medtronic**

*Training Pavilion Faculty: S. Hinan Ahmed Carlos I. Mena Hurtado Peter P. Monteleone*

<table>
<thead>
<tr>
<th>Time</th>
<th>Rotation 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:10 am</td>
<td></td>
</tr>
<tr>
<td>8:30 am</td>
<td><strong>Rotation 2</strong></td>
</tr>
<tr>
<td>8:50 am</td>
<td><strong>Rotation 3</strong></td>
</tr>
<tr>
<td>9:10 am</td>
<td><strong>Rotation 4</strong></td>
</tr>
</tbody>
</table>

**Rotation: Shockwave Four 20 Minute Rotations**

*Training Pavilion Faculty: Lawrence A. Garcia Jon C. George Sahil A. Parikh*

<table>
<thead>
<tr>
<th>Time</th>
<th>Rotation 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:10 am</td>
<td></td>
</tr>
<tr>
<td>8:30 am</td>
<td><strong>Rotation 2</strong></td>
</tr>
<tr>
<td>8:50 am</td>
<td><strong>Rotation 3</strong></td>
</tr>
<tr>
<td>9:10 am</td>
<td><strong>Rotation 4</strong></td>
</tr>
</tbody>
</table>
10:00 AM  Introduction: Introducing Unmet Needs
Complex Lesions Definitive Treatment
Options and Debulking
Training Pavilion Faculty: Ehrin J. Armstrong

10:10 AM  Session II: Rotations

Rotation: Definitive Treatment Options Featuring
Abbott Four 20 Minute Rotations
Training Pavilion Faculty: Eric J. Dippel Vishal Kapur
10:10 AM  Rotation 1
10:30 AM  Rotation 2
10:50 AM  Rotation 3
11:10 AM  Rotation 4

Rotation: Definitive Treatment Options and Debulking
Featuring BSC Four 20 Minute Rotations
Training Pavilion Faculty: Mohammad Mehdi Ansari
Beau Hawkins S. Jay Mathews
10:10 AM  Rotation 1
10:30 AM  Rotation 2
10:50 AM  Rotation 3
11:10 AM  Rotation 4

Rotation: Definitive Treatment Options Debulking and
Complex Lesions Featuring Medtronic Four 20 Minute
Rotations
Training Pavilion Faculty: Lawrence A. Garcia Peter P.
Monteleone John Winscott
10:10 AM  Rotation 1
10:30 AM  Rotation 2
10:50 AM  Rotation 3
11:10 AM  Rotation 4

Rotation: Shockwave Four 20 Minute Rotations
Training Pavilion Faculty: Ehrin J. Armstrong Lawrence
A. Garcia Jon C. George
10:10 AM  Rotation 1
10:30 AM  Rotation 2
10:50 AM  Rotation 3
11:10 AM  Rotation 4

2:00 PM  Tips and Tricks for CHIP/Complex PCI Session I
Training Pavilion Faculty: Dimitrios Bilagos, Ronald Caputo, Jon C. George,
Annapoorna Kini, Kintur A. Sanghvi, Jason Wollmuth

2:00 PM  Rapid Fire Case Presentations
2:00 PM  My Top 10 Tips and Tricks for Treating
Bifurcation Lesions
Training Pavilion Faculty: Annapoorna Kini
2:12 PM  Roundtable Discussion With Audience QA
2:15 PM  My Top 10 Tips and Tricks for Crossing and
Device Delivery
Training Pavilion Faculty: Jon C. George
2:27 PM  Roundtable Discussion With Audience QA
2:30 PM  Novel Forms of Access With Hemodynamic
Support
Training Pavilion Faculty: Jason Wollmuth
2:42 PM  Roundtable Discussion With Audience QA
2:45 PM  Hands On Rotations Between Medtronic and Abiomed
2:45 PM  Rotation: Medtronic Inc. Featured Devices:
Telescope Radial Guides Bifurcation Videos
Training Pavilion Faculty: Ronald Caputo
Annapoorna Kini
2:45 PM  Rotation: Abiomed Featured Devices and
Access
Training Pavilion Faculty: Dimitrios Bilagos
Kintur A. Sanghvi Jason Wollmuth

TIPS AND TRICKS FOR CHIP/COMPLEX PCI

Tips and Tricks for CHIP/Complex PCI
Coronary: CHIP

SATURDAY, SEPTEMBER 28, 2019
4:00 PM - 5:30 PM
CRF Pavilion 2

4:00 PM  Rapid Fire Case Presentations
# CTO Masters Operator Workshop @ TCT 2019: Part 1

**Coronary: CHIP**

**Core**

**SATURDAY, SEPTEMBER 28, 2019**

8:00 AM - 9:30 AM

CRF Pavilion 3

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Faculty</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 AM</td>
<td>Introduction and Opening Speech</td>
<td>Junbo Ge</td>
</tr>
<tr>
<td>8:05 AM</td>
<td>Practice-Based Lecture: Antegrade Approach for CTO — How and Why?</td>
<td>Jie Zhao</td>
</tr>
<tr>
<td>8:20 AM</td>
<td>Practice-Based Lecture: ADR for CTO — How and Why?</td>
<td></td>
</tr>
</tbody>
</table>

---

**Hands On Rotations Between Medtronic and Abiomed**

**Rotation: Medtronic Inc. Featured Devices:**

Telescope Radial Guides Bifurcation Videos

Training Pavilion Faculty: Saidur Rahman

Khan Rajesh

Vijayvergiya Junjie Zhang

**Rotation: Abiomed Featured Devices and Access**

Training Pavilion Faculty: Rajeev Tayal

Anu Tunuguntla Jason Wollmuth

---

# CTO Masters Operator Workshop @ TCT 2019: Part 2

**Coronary: CHIP**

**Core**

**SATURDAY, SEPTEMBER 28, 2019**

10:00 AM - 11:30 AM

CRF Pavilion 3

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Faculty</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:00 AM</td>
<td>Practice-Based Lecture: Retrograde Approach for CTO — How and Why?</td>
<td>ma jianying</td>
</tr>
<tr>
<td>10:15 AM</td>
<td>Practice-Based Lecture: Reverse CART and Active Greeting Technique — How and Why?</td>
<td>Tao Hu</td>
</tr>
<tr>
<td>10:30 AM</td>
<td>Practice-Based Lecture: Management of CTO PCI Complications — How and Why?</td>
<td>Yuchen Zhang</td>
</tr>
<tr>
<td>10:45 AM</td>
<td>Meet the Experts and a Step-by-Step Hands-On Demonstration/Training Using Models</td>
<td></td>
</tr>
<tr>
<td>10:45 AM</td>
<td>CTO Operation: Retro Tracking and Crossing Reverse CART Terumo</td>
<td>Jun Pu, Jie Song</td>
</tr>
<tr>
<td>10:45 AM</td>
<td>CTO Operation Table 2: AGT and Homemade Snare for Retrograde Guidewire Terumo</td>
<td>ma jianying, Weiming Li</td>
</tr>
</tbody>
</table>

---

# Cinching the Mitral Apparatus to Treat FMR: Carillon Mitral Contour System Hands-On Training

**Hands-On Training**

**Structural: Valve**

---

**CINCHING THE MITRAL APPARATUS TO TREAT FMR: CARILLON MITRAL CONTOUR SYSTEM HANDS-ON TRAINING**

---
SaturdaY, September 28, 2019
2:00 PM - 3:30 PM
CRF Pavilion 3

2:00 PM - 2:05 PM
Introduction
Training Pavilion Faculty: Steven Goldberg, Klaus Witte

2:05 PM - 2:10 PM
Cardiac Dimensions' Mission
Training Pavilion Faculty: Steven Goldberg, Klaus Witte

2:10 PM - 2:15 PM
The Carillon Trial: IDE Study Currently Enrolling Sites and Patients
Training Pavilion Faculty: Steven Goldberg, Klaus Witte

2:15 PM - 2:25 PM
The Carillon Mitral Contour System
Training Pavilion Faculty: Steven Goldberg, Klaus Witte

2:25 PM - 3:25 PM
Breakout Sessions
Training Pavilion Faculty: Steven Goldberg, Klaus Witte

2:25 PM - 3:25 PM
Station 1: Dry Model Deployment of the Carillon Mitral Contour System
Training Pavilion Faculty: Steven Goldberg, Klaus Witte

2:25 PM - 3:25 PM
Station 2: Animal Model Deployment of the Carillon Mitral Contour System
Training Pavilion Faculty: Steven Goldberg, Klaus Witte

2:25 PM - 3:25 PM
Station 3: Wet Model Deployments of the Carillon Mitral Contour System Showing Improvements in Hemodynamics and Cinching of the Mitral Apparatus
Training Pavilion Faculty: Steven Goldberg, Klaus Witte

3:25 PM - 3:30 PM
Close and Adjourn
Training Pavilion Faculty: Steven Goldberg, Klaus Witte

Bioresorbable Scaffolds - 4

Cinching the Mitral Apparatus to Treat FMR: Carillon Mitral Contour System Hands-On Training
Structural: Valve

Bioresorbable Scaffolds - 4

Moderated Posters 4

SATURDAY, SEPTEMBER 28, 2019
9:30 AM - 10:30 AM

9:30 AM - 10:30 AM
Bioresorbable Scaffolds - 4
Moderators: Jean-François Tanguay, Robert-Jan Van GeunsDiscussants: Stefan Verhey, Nick E. J. West

TCT 182: Peri strut low intensity areas and neointimal response evaluation by serial optical coherence tomography at baseline 1 2 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
9:47 am Discussion
9:50 am TCT 184: Early Scaffold Disruption and Late Structural Discontinuity after Implantation of the Aptitude Sirolimus Eluting Bioresorbable Scaffold in Normal Porcine Coronary Arteries: An OCT Study
Presenting Author: Yanping Cheng
9:57 am Discussion
10:00 am TCT 185: ABSORB CTO study. Long term follow up and vasomotor and OCT findings.
Presenting Author: Livia Luciana Gheorghe
10:07 am Discussion
10:10 am TCT 186: Preclinical Evaluation of a Novel Thin strut PLLA Bioreabsorbable Scaffold in Porcine Coronary Artery at 6 month Follow up
Presenting Author: Kuniaki Takahashi
10:17 am Discussion
10:20 am TCT 187: Reduction of Strut Thickness Improves Early up to 180 Days Arterial Response To The Ultra High Molecular Weight Amorphous PLLA Sirolimus Eluting Bioreabsorbable Scaffolds in Normal Porcine Coronary Arteries
Presenting Author: Pawel P. Gasior
10:27 am Discussion

HEMODYNAMIC SUPPORT DURING PCI

SATURDAY, SEPTEMBER 28, 2019
9:30 am - 10:20 am
Moderated Posters 7

Moderators: Khaldoon F. Alaswad, Thomas D. Stuckey
Discussants: John McB. Hodgson, Michael A. Kutcher, Rajeev Narayan, Fayaz Shawl

9:30 am - 10:20 am
Hemodynamic Support During PCI

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

Drug-Eluting Stent Studies - 4

SATURDAY, SEPTEMBER 28, 2019
9:30 am - 10:30 am
Moderated Posters 8

9:30 am - 10:30 am
Drug-Eluting Stent Studies - 4
Moderators: Michael Maeng, Philip M. Urban
Discussants: Lorenzo Azzalini

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: Pawel P. Gasior
9:57 am Discussion

Presenting Author: ERHAN TENEKECIOGLU
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

INTRANASCULAR IMAGING - 4

9:30 AM - 10:30 AM  Intravascular Imaging - 4
Moderators: Vincent On-Hing Kwok Discussants: Atul Abhyankar, Haibo Jia, Sean Madden, Lucy Safi, Zhijing Zhao

9:30 AM  TCT 358: Clinical impact of intravascular ultrasound guidance in stenting for angiographically moderate to severe calcified coronary lesion
   Presenting Author: Sang-Cheol Cho

9:37 AM  Discussion

9:40 AM  TCT 359: Intravascular Coronary Plaque Characterization Using Hybrid Intravascular Ultrasound and Optical Coherence Tomography: a Preliminary Study Based on User Interpretation Compared to Histology Reference
   Presenting Author: Brian Li

9:47 AM  Discussion

9:50 AM  TCT 360: Intrapopliteal Arterial Dissections Following Balloon Angioplasty and Orbital Atherectomy Using Intravascular Ultrasound
   Presenting Author: W John Shammas

9:57 AM  Discussion

10:00 AM  TCT 361: Optical Coherence Tomography in Routine Clinical Practice
   Presenting Author: Jonas Haener

10:07 AM  Discussion

10:10 AM  TCT 362: Comparison of Outcomes in Patients undergoing Percutaneous Coronary Intervention Using Intravascular Ultrasound or Intravascular optical coherence tomography
   Presenting Author: Fahed Darmoch

10:17 AM  Discussion

10:20 AM  TCT 363: In hospital Outcomes of Intracoronary Imaging guided Versus Angiographic guided Percutaneous Coronary Intervention
   Presenting Author: Fahed Darmoch

10:27 AM  Discussion

NOVEL AORTIC DEVICES AND APPROACHES

9:30 AM - 10:30 AM  Novel Aortic Devices and Approaches
Moderators: Saif Anwaruddin, Piotr P. Buszman Discussants: Gary Gershony, Georg Lutter

9:30 AM  TCT 477: Balloon aortic valvuloplasty: a pilot experience of same day discharge with a transradial approach
   Presenting Author: Carlo Tumscitz

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
PRE-Clinical Models and Studies

SATURDAY, SEPTEMBER 28, 2019
9:30 AM - 10:30 AM
Moderated Posters 1

9:30 AM - 10:30 AM
Pre-Clinical Models and Studies
Moderators: Paolo Denti, Aaron V. Kaplan
Discussants: Armando Perez de Prado, Robert S. Schwartz

9:30 AM TCT 593: Left Ventricular Unloading Preserves Energy Substrate Utilization in Preclinical Models of Acute Myocardial Infarction
Presenting Author: Lija Swain

9:37 AM Discussion

9:40 AM 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

9:47 AM Discussion

9:50 AM TCT 595: Left Ventricular Cardiac Reshaping With Transmyocardial Splints Does not Impair Diastolic Function in Preclinical Studies
Presenting Author: Daisuke Onohara

9:57 AM Discussion

10:00 AM TCT 596: Reducing Left Ventricular Sphericity With a Transventricular Myocardial Splint Improves Systolic Function in a Preclinical Ischemic Cardiomyopathy Model
Presenting Author: Daisuke Onohara

10:07 AM Discussion

10:10 AM TCT 597: A Novel Superior Vena Caval Occlusion Catheter System Reduces Biventricular Filling Pressures While Maintaining Cardiac Output in a Model of Acute Congestive Heart Failure
Presenting Author: Navin K. Kapur

10:17 AM Discussion

10:20 AM TCT 598: Tissue Plasminogen Activator tPA labeled Microbubbles for the Treatment of Coronary Microvascular Obstruction
Presenting Author: Stephen D'Auria

10:27 AM Discussion
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 creatinine:serum 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: Anastasios Dimitrios Roumeliotis

10:27 AM  Discussion

DETECTION AND CLOSURE OF PARAVALVULAR LEAKS

Detection and Closure of Paravalvular Leaks

Structural: Valve

SATURDAY, SEPTEMBER 28, 2019
10:20 AM - 11:30 AM
Moderated Posters 3

10:20 AM  TCT 253: Transcatheter Device Closure of Paravalvular Leaks a Single Centre Experience

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

10:30 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

10:37 AM  Discussion

10:40 AM  TCT 255: Impact of the Aortic Annuus 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

10:47 AM  Discussion

10:50 AM  TCT 256: Minimally Invasive Transradial Approach for Percutaneous Closure of Aortic Paravalvular Leaks: a single center experience  
Presenting Author: Luis Ortega-Paz

10:57 AM  Discussion

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

11:07 AM  Discussion

11:10 AM  TCT 258: Outcomes of Residual Trivial and Mild Aortic Regurgitation After Transcatheter Aortic Valve Replacement  
Presenting Author: Johnny Chahine

11:17 AM  Discussion

11:20 AM  TCT 442: The Volume Outcomes Relationship Between Mitral Valve Surgery and MitraClip Procedure in a US Registry  
Presenting Author: Jad Omran

11:27 AM  Discussion

10:20 AM  TCT 253: Transcatheter Device Closure of Paravalvular Leaks a Single Centre Experience

Presenting Author: Raghuram Palaparti

Discussion

10:30 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

Discussion

10:37 AM  Discussion

10:40 AM  TCT 255: Impact of the Aortic Annuus 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

Discussion

10:47 AM  Discussion

10:50 AM  TCT 256: Minimally Invasive Transradial Approach for Percutaneous Closure of Aortic Paravalvular Leaks: a single center experience  
Presenting Author: Luis Ortega-Paz

Discussion

10:57 AM  Discussion

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

Discussion

11:07 AM  Discussion

11:10 AM  TCT 258: Outcomes of Residual Trivial and Mild Aortic Regurgitation After Transcatheter Aortic Valve Replacement  
Presenting Author: Johnny Chahine

Discussion

11:17 AM  Discussion

11:20 AM  TCT 442: The Volume Outcomes Relationship Between Mitral Valve Surgery and MitraClip Procedure in a US Registry  
Presenting Author: Jad Omran

Discussion

11:27 AM  Discussion
MANAGEMENT OF ANTIPLATELET THERAPY AND ANTICOAGULATION IN PATIENTS UNDERGOING PCI - 4

Management of Antiplatelet Therapy and Anticoagulation in Patients Undergoing PCI - 4

Coronary: Core

SATURDAY, SEPTEMBER 28, 2019
10:30 AM - 11:30 AM
Moderated Posters 4

PCI AND BLEEDING COMPLICATIONS

PCI and Bleeding Complications

Coronary: Core

SATURDAY, SEPTEMBER 28, 2019
10:30 AM - 11:30 AM
Moderated Posters 7

10:30 AM - 11:30 AM
Management of Antiplatelet Therapy and Anticoagulation in Patients Undergoing PCI - 4
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

SATURDAY, SEPTEMBER 28, 2019
10:30 AM - 11:30 AM
Moderated Posters 5

10:30 AM - 11:30 AM
TAVR Comorbidities and Complications - 2
Moderators: Manuel D. Pan, Christian Spies
Discussants: Oscar A. Mendiz, Konstantinos Spargias

10:30 AM 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

10:37 AM Discussion

10:40 AM TCT 698: Impact of Patient Frailty is Associated with Index and Readmission Outcomes Following TAVR
Presenting Author: Sara Emami

10:47 AM Discussion

10:50 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

10:57 AM Discussion

11:00 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

11:07 AM Discussion

11:10 AM TCT 701: Pulmonary Hypertension with Elevated Pulmonary Vascular Resistance is Associated with Long-term Mortality in Patients Undergoing Transcatheter Aortic Valve Replacement
Presenting Author: Miho Fukui

11:17 AM Discussion

Presenting Author: Arturo Garcia-Touchard

11:27 AM Discussion
VASCULAR ACCESS AND CLOSURE IN PCI - 3

Vascular Access and Closure in PCI - 3

SATURDAY, SEPTEMBER 28, 2019
10:30 AM - 11:30 AM
Moderated Posters 2

10:30 AM - 11:30 AM
Vascular Access and Closure in PCI - 3
Moderators: Samer Mansour, Samir B. PancholyDiscussants: Somjot S. Brar, M. Nicholas M. 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 Riangwiat

10:47 AM
Discussion

10:50 AM
TCT 792: Meta Analysis of Radial Hemostasis Trials Using Patent Hemostasis and a Potassium Ferrate Hemostatic Disc

VULNERABLE PLAQUES AND HIGH RISK PATIENTS - 3

Vulnerable Plaques and High Risk Patients - 3
Coronary: Core

SATURDAY, SEPTEMBER 28, 2019
10:30 AM - 11:30 AM
Moderated Posters 6

10:30 AM - 11:30 AM
Vulnerable Plaques and High Risk Patients - 3
Moderators: Neal Gordon Uren, Bernhard WitzenbichlerDiscussants: John A. Ambrose, Sohail Q. Khan, Nick E. J. West

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: Sharmaine Thiru

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
AGE AND GENDER AND PRIMARY PCI

AGE AND GENDER AND PRIMARY PCI

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
Presenting Author: boutros karam
Discussion
11:17 AM
TCT 844: Very Late gt1 Year Stent Related Adverse Cardiovascular Events: Individual Patient Data and Network Meta Analyses from Nineteen Randomized Clinical Trials
Presenting Author: Mahesh V. Madhavan
Discussion
11:20 AM

BIOMARKERS AND OUTCOMES

BIOMARKERS AND OUTCOMES

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
Discussion
11:37 AM
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
Discussion
11:47 AM
TCT 162: Impact of Thrombocytopenia on Subsequent 1 year Major Adverse Cardiovascular Event MACE in Non ST Elevation Acute Coronary Syndrome NSTE ACS
Presenting Author: Jonathan Fang
Discussion
11:57 AM

CATH LAB OF THE FUTURE - 3

CATH LAB OF THE FUTURE - 3
Cath Lab of the Future - 3

SATURDAY, SEPTEMBER 28, 2019
11:30 AM - 12:30 PM
Moderated Posters 3

11:30 AM - 12:30 PM
Cath Lab of the Future - 3
Moderators: Ryan D. Madder
Discussants: John A. Ambrose, Christos Bourantas, Miodrag C. Ostojic

11:30 AM 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

11:37 AM Discussion

11:40 AM TCT 207: Frontiers in Machine Learning amp ECG: Value of Enriching Data
Presenting Author: Sameer Mehta

11:47 AM Discussion

11:50 AM TCT 208: Effectiveness of Multislice Computed Tomography Coronary Angiography Versus Invasive Coronary Angiography in Accurate Calculation of SYNTAX score
Presenting Author: Yasser Sadek

11:57 AM Discussion

12:00 PM TCT 209: First Demonstration of Long distance Robotic Telestenting Capabilities Using 5G Wireless Technology: A Pre clinical Study
Presenting Author: Ryan D. Madder

12:07 PM Discussion

12:10 PM TCT 210: Machine Learning for Risk Prediction of Future Clinical Events in Patients with Acute Coronary Syndrome undergone percutaneous coronary intervention
Presenting Author: Park Jin Sup

12:17 PM Discussion

12:20 PM TCT 211: Static and Dynamic 3D TEE automated aortic root modeling are both accurate and useful to size the aortic annulus in patients undergoing TAVR: comparison to CT
Presenting Author: Shawn Reginauld

12:27 PM Discussion

Cath Lab of the Future - 3

SATURDAY, SEPTEMBER 28, 2019
11:30 AM - 12:30 PM
Moderated Posters 7

11:30 AM - 12:30 PM
Coronary Artery Surgery
Moderators: Vinayak N. Bapat, Craig R. Smith
Discussants: Rodrigo Modolo, Jaishankar Raman

11:30 AM TCT 236: Coronary artery bypass grafting in patients presenting with ST segment elevation myocardial infarction: The optimal timing and impact on outcomes: Insights from the TOTAL trial
Presenting Author: Matthias Bossard

11:37 AM Discussion

11:40 AM TCT 237: Revascularization Options for Females with Coronary Artery Disease: A Meta Analysis of Randomized Controlled Trials
Presenting Author: Tayyab Shah

11:47 AM Discussion

11:50 AM TCT 238: Detailed statistical analysis of intraoperative coronary bypass angiography in 1000 patients after surgical myocardial revascularization. Presenting Author: Karen V. Petrosyan

11:57 AM Discussion

12:00 PM TCT 239: Impact of Non respect of SYNTAX Score II Recommendations for Surgery in Patients with Complex Coronary Artery Disease Treated by PCI: A pooled analysis of 3280 randomized patients SYNTAX BEST and PRECOMBAT trials
Presenting Author: Rodrigo Modolo

12:07 PM Discussion

12:10 PM TCT 240: Quality of Life between Coronary Artery Bypass Graft Surgery and Percutaneous Coronary Intervention: A Systematic Review and meta analysis
Presenting Author: najam saqib

12:17 PM Discussion

12:20 PM TCT 241: Inadvertent Aortocoronary Arteriovenous Fistula After Coronary Artery Bypass Surgery: A Systematic Review
Presenting Author: Kai Chen

12:27 PM Discussion

MORTALITY AFTER PCI

Mortality After PCI
Coronary: CHIP

SATURDAY, SEPTEMBER 28, 2019
11:30 AM - 12:30 PM
Moderated Posters 8
11:30 am - 12:30 pm
Mortality After PCI
Moderators: Eric A. Cohen, Sundeep Mishra Discussants: 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 pm
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 pm
Discussion

12:10 pm
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 pm
Discussion

12:20 pm
TCT 423: Periprocedural Myocardial Infarction is Associated with Mortality in Stable Angina Pectoris Patients Undergoing Elective Coronary Intervention
Presenting Author: Mohamad Soud

12:27 pm
Discussion

TAVR VS. SAVR AND TAVR VS. TAVR - 3

TAVR COMORBIDITIES AND COMPLICATIONS - 3

TAVR Comorbidities and Complications - 3
Structural: Valve

SATURDAY, SEPTEMBER 28, 2019
11:30 am - 12:30 pm
Moderated Posters 5

11:30 am
TCT 733: Transcatheter compared to Surgical Aortic Valve replacement in patients with Rheumatic Aortic Valve disease A nationwide analysis

11:30 am - 12:30 pm
TAVR vs. SAVR and TAVR vs. TAVR - 3
Moderators: Pieter R. Stella, Marco V. Wainstein Discussants: Carlos D. Calderas, Ramiro Trillo, Dirk Westermann

SATURDAY, SEPTEMBER 28, 2019
11:30 am - 12:30 pm
Moderated Posters 1
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

11:30 AM - 12:30 PM Vascular Access and Closure in PCI - 4
Moderators: Robert-Jan Van GeunsDiscussants: 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

**CHRONIC TOTAL OCCLUSIONS - 4**

**Chronic Total Occlusions - 4**

**Coronary: CHIP**

**SATURDAY, SEPTEMBER 28, 2019**
12:30 PM - 1:30 PM
Moderated Posters 2

12:30 PM - 1:30 PM Chronic Total Occlusions - 4
Moderators: Sundeep Mishra, Sunao NakamuraDiscussants: Goran K. Olivecrona, Elmir Omerovic, Sudhir Rathore, Masahisa Yamane

12:30 PM TCT 230: Myocardial Ischemia is Present and Mostly Reversible in Patients with a Chronic Total Occlusion and a Viable Perfusion Territory: the DISTAL CTO study
Presenting Author: Mathieu Coeman

12:37 PM Discussion
12:40 PM TCT 231: Prognosis of Percutaneous Coronary Intervention Versus Optimal Medical Therapy in the Treatment of Chronic Total Coronary Occlusion: A Systematic Review and Meta Analysis

12:40 PM 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

12:47 PM Discussion
11:50 PM 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

12:57 PM Discussion
11:00 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
11:07 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
11:20 PM TCT 800: Bivalirudin vs Heparin on Radial Artery Thrombosis During Transradial Coronary Intervention: an Optical Coherence Tomography Study
Presenting Author: Zi Jing Liu

12:27 PM Discussion
TAVR COMORBIDITIES AND COMPLICATIONS

TAVR Comorbidities and Complications - 4

Structural: Valve

SATURDAY, SEPTEMBER 28, 2019
12:30 AM - 1:30 AM
Moderated Posters 1

12:30 AM - 1:30 AM
TAVR Comorbidities and Complications - 4
Moderators: Mark C. Bates, Francesco Bedogni
Discussants: Itshac Itsik Ben-dor, Stefan C. Bertog, Stephen J.D. Brecker

12:30 AM
TCT 709: Aortic Valve Replacement in Patients with Prior Kidney Transplantation: Transcatheter or Surgical approach
Presenting Author: Konstantinos Voudris

12:37 AM
Discussion

12:40 AM
TCT 710: Body Mass Index as a Predictor of Outcomes in Patients Undergoing Transcatheter Aortic Valve Replacement
Presenting Author: Majid Asawaeer

12:47 AM
Discussion

12:50 AM
TCT 711: Prevalence and clinical impact of bioprosthesistrumbosis after transcatheter aortic valve implantation. A collaborative meta analysis
Presenting Author: Tobias Rheude

12:57 AM
Discussion

1:00 AM
TCT 712: Infective Endocarditis Caused by Staphylococcus or Enterococcus After Transcatheter Aortic Valve Implantation: A Comparison Between the Two Most Common Microbiological Findings
Presenting Author: Norman Mangner

1:07 AM
Discussion

1:10 AM
TCT 713: Hemodynamic Valve Dysfunction Following Transcatheter Aortic Valve Implantation: Prevalence and Predictors of Elevated Transvalvular Gradients
Presenting Author: Tobias Rheude

1:17 AM
Discussion

1:20 AM
TCT 714: Aortic Lumen Area Modifies the Association Between Aortic Calcification and Mortality After Transcatheter Aortic Valve Replacement
Presenting Author: Gautam Rangavajla

1:27 AM
Discussion

TAVR LEAFLET THICKENING AND THROMBOSIS

TAVR Leaflet Thickening and Thrombosis

Structural: Valve

SATURDAY, SEPTEMBER 28, 2019
12:30 AM - 1:30 AM
Moderated Posters 5

12:30 AM - 1:30 AM
TAVR Leaflet Thickening and Thrombosis
Moderators: Omar K. Khalique, G. Burkhard Mackensen
Discussants: Karl-Heinz Kuck, Stamatios Lerakis, Philippe Pibarot

12:30 AM
TCT 715: Anatomical Evaluation of Balloon Expandable Transcatheter Aortic Valve Replacement Computed Tomography Insights for Hypo Attenuating Leaflet Thickening
Presenting Author: Miho Fukui

12:37 AM
Discussion

12:40 AM
TCT 716: Transcatheter Heart Valve Under Expansion increases the Likelihood of Leaflet Thrombosis
Presenting Author: Farhan Khodaee

12:47 AM
Discussion

12:50 AM
TCT 717: Hemodynamic predictors of leaflet thrombosis in low risk patients undergoing TAVR: A Sub Study of the Low Risk TAVR Trial
SUNDAY, SEPTEMBER 29, 2019
MAIN ARENA IV: SUNDAY, SEPT. 29

Main Arena IV: Sunday, Sept. 29
Coronary: CoreCoronary: CHIP

8:00 AM - 8:45 AM
TCT Celebrates Clinical Science & Practice
Moderators: Juan F. Granada, David Hildick-SmithDiscussants: Giuseppe Biondi-Zoccai, John D. Carroll, Anson Cheung, Carlos Collet, Timothy D. Henry, Michel R. Le May, Brij Maini, Stephane Noble, Grayson H. Wheatley

8:00 AM  Best Abstract of TCT 2019
8:10 AM  Roundtable Discussion With Audience QA
8:15 AM  Best Coronary Case of TCT 2019
          Case Presenter: Mahesh V. Madhavan
8:25 AM  Roundtable Discussion With Audience QA
8:30 AM  Best Structural Case of TCT 2019
          Case Presenter: Abdul Qazi
8:40 AM  Roundtable Discussion With Audience QA

8:45 AM - 9:45 AM
Late-Breaking Trials 4

8:45 AM  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

8:57 AM  Roundtable Discussion With Audience QA
9:05 AM  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

9:17 AM  Roundtable Discussion With Audience QA
9:25 AM  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

9:37 AM  Roundtable Discussion With Audience QA

9:45 AM - 11:00 AM
Reflections From a Rich Interventional History: A Series of Featured Lectures
Moderators: Martin B. Leon, Gregg W. StoneDiscussants: Maurice Buchbinder, Michael J. Cowley, Anthony DeMaria, James S. Forrester, Philippe E. Gaspard, Chaim S. Lotan, Julio C. Palmaz, Jeffrey J. Popma, Frederick G. St. Goar

9:45 AM  Development of the Swan Ganz Catheter: A Tale of Serendipity Ingenuity and Chance
          Lecturer: James S. Forrester
10:00 AM  Discussion
10:10 AM  Development of the Coronary Stent: The Pioneers and Their Stories
          Lecturer: Philippe E. Gaspard
10:25 AM  Discussion
10:35 AM  Development of the MitraClip: Inspiration Collaboration and Challenges Overcome
          Lecturer: Frederick G. St. Goar
10:50 AM  Discussion

11:00 AM - 12:00 PM
Late-Breaking Science #4

11:00 AM  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

11:10 AM  Roundtable Discussion With Audience QA
11:15 AM  BLADE PCI: A Randomized Trial of Liposomal Alendronate in Patients With Diabetes Undergoing PCI
          Lecturer: Philippe Genereux

11:25 AM  Roundtable Discussion With Audience QA