2019 PROGRAM AGENDA

Agenda subject to change.

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#TCT2019 #TrainWithCRF #LearnWithCRF

@CRFheart
Cardiovascular Research Foundation

@TCTConference
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
Lecturer: Valentin Fuster

8:10 am  Innovation with Current MedTech Challenges and Opportunities
Lecturer: Julio C. Palmaz

8:18 am  Moderated Panel Discussion
Lecturer: Julio C. Palmaz

The Globalization of MedTech Innovation
8:28 am  Reverse Innovation: Create Far Win Everywhere
Lecturer: Peter J.J. Fitzgerald

8:36 am  Health Care Disparity: An Emerging Opportunity for MedTech Innovation
Lecturer: Ian T. Meredith

8:44 am  Moderated Panel Discussion
Lecturer: Ian T. Meredith

Value Based Healthcare Delivery
8:54 am  Value Based Healthcare: Reflections on a Frequently Quoted but Poorly Validated Concept
Lecturer: Laura Mauri

9:02 am  It Is All About the Data Importance of Digital Intelligence in the Development of Useful Predictive Models
Lecturer: Campbell Rogers

9:10 am  Moderated Panel Discussion
Lecturer: Campbell Rogers

9:20 am - 12:00 pm
Emerging Technological Trends I

9:20 am  Session II: Intravascular Imaging and Physiologic Lesion Assessment
Moderators: Niels R. Holm, Bo Xu
Discussants: Daniel S. Berman, Justin E. Davies, Mauro Echavarria Pinto, Hector M. Garcia-Garcia, James E. Muller, Evelyn Regar

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 Lesion 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
Lecturer: James E. Muller

10:03 am  Session III: Advanced Cardiac Imaging and Procedural Guidance
Moderators: Niels R. Holm, Paul G. Yock
Discussants: Daniel S. Berman, Mao Chen, Cameron Dowling, Hector M. Garcia-Garcia, Eberhard Grube, Evelyn Regar

10:03 am  Keynote Lecture: Advanced Cardiac Imaging for Procedural Planning and Guidance Making the Complex Look Simple
Lecturer: James K. Min

Featured Technological Trends
10:12 am  Fascinating Lecture: First in Human Experience With Patient Specific Computer Simulation of TAVR in Bicuspid Aortic Valve Morphology
Lecturer: Cameron Dowling

10:19 am  A Novel Technique to Detect Spontaneously Ruptured Aortic Plaques as a Potential Cause of Embolic Strokes: An Innovative Application of Non Obstructive Angioscopy
Lecturer: Yoshiharu Higuchi

10:26 am  A Novel and Advanced 4D ICE Catheter: Enabling a New Era in the Guidance of Transcatheter Cardiac Interventions
Lecturer: Yoshiharu Higuchi

10:33 am  Moderated Panel Discussion
Lecturer: Yoshiharu Higuchi

10:40 am  Session IV: Cath Lab of the Future I Intelligent Interfaces ARVR Robotics and Telemanipulation

10:40 am  Featured Technological Trends
10:40 am  Fascinating Lecture: First in Human Experience With Patient Specific Computer Simulation of TAVR in Bicuspid Aortic Valve Morphology
Lecturer: Cameron Dowling

10:47 am  A Novel Technique to Detect Spontaneously Ruptured Aortic Plaques as a Potential Cause of Embolic Strokes: An Innovative Application of Non Obstructive Angioscopy
Lecturer: Yoshiharu Higuchi

10:54 am  A Novel and Advanced 4D ICE Catheter: Enabling a New Era in the Guidance of Transcatheter Cardiac Interventions
Lecturer: Yoshiharu Higuchi

11:01 am  Moderated Panel Discussion
Lecturer: Yoshiharu Higuchi
TCT INNOVATION II: EMERGING TECHNOLOGICAL TRENDS II

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

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

2:24 AM
Telesrobotics in Stroke and AMI Intervention: Afar Is Not Far Reaching Anymore
Lecturer: Louis Aaron Cannon

2:32 AM
Moderated Panel Discussion
Lecturer: Stuart Schecter

2:40 AM - 3:15 AM
Session VII: The Structural Heart Revolution I — Aortic Valve Intervention and Ancillary Solutions I
Moderators: Torsten P. Wahl, Nicolas M. Van Mieghem
Discussants: Stephen J.D. Brecker, Tsuyoshi Kaneko, Elvin Kedhi, Ruediger S. Lange, Axel Linke, Oscar A. Mendiz

2:40 AM
Featured Technological Trends

2:40 AM
Innovative Protected Transcatheter Aortic Valve Calcium Debridement System
AorticLab
Lecturer: Filippo Scalise

2:47 AM
Full Arch Cerebral Embolic Protection of the Brain Point Guard During Cardiovascular Procedures
Lecturer: Axel Linke

2:54 AM
A Novel Left Transradial Cerebral Protection System for TAVR The ProtEmbo System
Lecturer: Karl von Mangoldt

3:01 AM
A New Device to Secure and Optimize Transcatheter Heart Valve Interventions THV and Complex PCI Electroducer
Lecturer: Benjamin Faurie

3:08 AM
Moderated Panel Discussion
Lecturer: Benjamin Faurie

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

3:15 AM
Single Piece 3D Aortic Valve Leaflet Architecture: A Novel Approach to the Development of Highly Durable TAVR Device Admedus
TCT ENDOVASCULAR: AN ALLIANCE PARTNER WITH THE VEITHSYMPOSIUM
Session III: Symposium on Peripheral Drug-Eluting Technologies
Moderators: Juan F. Granada, Sahil A. Parikh

12:00 AM | An Unforeseen Setback: Summary Level Meta Analysis Brings Practice Back to the 90s.
Lecturer: Michael R. Jaff

12:15 PM | New Data Regarding Drug Eluting Technologies
Lecturer: Krishna J. Rocha-Singh

12:25 PM | FDA Perspective and Revised Guidance
Lecturer: Eleni Whatley

12:33 PM | Industry Perspective on Drug Eluting Technologies Guidance
Lecturer: Mark Pacyna

12:41 PM | Roundtable Discussion With Audience QA

Session IV: TCT/VEITH Lower Extremity Session
Moderators: Enrico Ascher, Frank J. Veith
Discussants: Gary M. Ansel, Marianne Bradmann, Brian G. DeRubertis, Kenneth Ouriel, Peter A. Schneider, Craig M. Walker

1:05 PM | Fusion Imaging Techniques for Iliac and Lower Extremity Procedures: Reducing Radiation Exposure and Contrast Material and Providing Better Guidance
Lecturer: Yann Gouëffic

1:11 PM | Primary and Secondary Repairs of Popliteal Aneurysms Using Duplex Guidance Alone: Technique and Results
Lecturer: Enrico Ascher

1:17 PM | Is the Supera Interwoven Stent Better Than Other Stents and Open Endarterectomy for Common Femoral Lesions
Lecturer: Mark Pacyna

1:23 PM | Distal Embolic Protections Are Expensive and Have Inherent Risks: When Are They Absolutely Necessary
Lecturer: Peter A. Schneider

1:29 PM | A Comparison of Multiple Short Stents With Long Stents for Femoral Popliteal Lesions: Results of the LOMOMOTIVE Trial of VascuFlex System From B. Braun
Lecturer: Thomas Zeller

1:35 PM | The Value of Local Anesthesia in the Adventitia of Arteries During Interventions: How and When to Do It
Lecturer: Dierk Scheinert

1:41 PM | Roundtable Discussion With Audience QA

1:50 PM | DCBs for Infragenual Arterial Occlusive Disease With or Without Adjunctive Techniques Are Better Than Primary Stenting
Lecturer: Brian G. DeRubertis

1:56 PM | The 10 Endo Strategies I Use to Succeed in Repairing the Most Complex Lesions in the Lower Extremity Arterial Bed
Lecturer: Dierk Scheinert

2:02 PM | Updates and Technique of Percutaneous Transvenous Arterial Femoral Popliteal Bypass Procedure
Lecturer: Steve Henao

2:08 PM | Hybrid Venous Arterialization: Patient Selection and Techniques
Lecturer: Matthew T. Menard

2:14 PM | Newest Stem Cell Therapies are Effective in Treating Lower Extremity Ischemia
Lecturer: Marianne Brodmann

2:20 PM | Debate: Extensive Foot Necrosis Should Be Managed With a Single Vein Bypass Operation
Lecturer: Daniel G. Clair

2:26 PM | Debate: Even Extensive Foot Gangrene Limited to the Metatarsals Can Successfully Be Treated by Endovascular Techniques
Lecturer: Craig M. Walker

2:32 PM | Roundtable Discussion With Audience QA

Session V: Calcium, Debulking, and Vessel Preparation
Moderators: Ehrin J. Armstrong, Robert A. Lookstein
Discussants: Mohammad Mehdi Ansari, Robert Earl Beasley, MD, FSIR, FSCAI, George S. Chrysant, Philip Green, Beau Hawkins, Andrew J. Klein

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: Dierk Scheinert

3:00 PM | Debubling 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 Debubling Options: Case Examples of When I Wish I Had and Hadnt Used it
CARDIOVASCULAR PROFESSIONALS (CVP) COURSE: 28TH ANNUAL CARDIOVASCULAR NURSE AND TECHNOLOGIST SYMPOSIUM

CARDIOVASCULAR PROFESSIONALS (CVP)
COURSE: 28TH ANNUAL CARDIOVASCULAR NURSE AND TECHNOLOGIST SYMPOSIUM

CardioVascular Professionals (CVP) Course: 28th Annual Cardiovascular Nurse and Technologist Symposium

Nurse\Technologist Track
11:00 AM - 1:15 PM
Comprehensive Interventional Practice: Case-Based Learning

**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

11:10 AM  
How to Decide on Hemodynamic Support Based on the Right Heart Cath Numbers: What Does Syntax Score Mean
Lecturer: Amirali Masoumi

11:15 AM  
How IVUS Impacts Decision Making in PCI
Lecturer: Khady Fall

11:20 AM  
What is DK Crush and How Did We Get the Coronaries Ready for Stenting
Lecturer: Darshan Doshi

11:35 AM  
Post Procedure Assessment of a Complex PCI
Lecturer: Amisha Patel

11:40 AM  
Roundtable Discussion With Audience QA
Lecturer: Amisha Patel

**Session II: Structural Hot Topics**
Moderators: Marian C. Hawkey, Ashley Koppenheffer
Discussants: Russell A. Brandwein, Elizabeth M. Perpetua, Matthew Wiisanen, Tiffany Wong, 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

11:50 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: Michelle Maier, Sahil A. Parikh
Discussants: Philip Green, Hady Lichaa, Sanjum S. Sethi

12:30 PM  
An Introduction to Critical Limb Ischemia
Lecturer: Sahil A. Parikh

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
Lecturer: Sanjum S. Sethi

1:15 PM - 3:00 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: Sanjum S. Sethi

1:35 PM  
Keynote Speech: The Role of the Heart Team and the Impact of This Last Years Clinical Findings on Clinical Practice
Lecturer: George D. Dangas

1:55 PM  
Roundtable Discussion With Audience QA
Lecturer: George D. Dangas

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

2:30 PM  
Break

3:00 PM - 6:00 PM
Hands-On Experience

3:00 PM  
Hands On High Impact Training: Coronary Sessions Three 60 Minute Rotations
Faculty: Judy Tingley

3:00 PM  
Table 1: Sponsored by
Lecturer: George D. Dangas

3:00 PM  
Table 2:
Lecturer: George D. Dangas

3:00 PM  
Hands On High Impact Training: Structural Heart Sessions Three 60 Minute Rotations
ABCS OF INTERVENTIONAL CARDIOLOGY

WEDNESDAY, SEPTEMBER 25, 2019
8:00 AM - 12:00 PM
Room 209-210

8:00 am - 9:15 am
Session I: Basics of Cardiac Anatomy and Angiography
Moderators: George D. Dangas, John M. 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, Aloke Finn, Afzalur Rahman, Elias Sanidas, Rojgero 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
Lecturer: Etisham Mahmud

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

11:21 am  Roundtable Discussion With Audience QA

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. Villablanca

11:39 am  Roundtable Discussion With Audience QA

11:42 am  Percutaneous Mitral Valve Repair and Replacement
THE BEST OF INTERVENTION FROM EUROPE: COMPLEX CORONARY AND STRUCTURAL HEART INTERVENTIONS

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

WEDNESDAY, SEPTEMBER 25, 2019
8:30 AM - 10:30 AM
Room 201-202

8:30 AM - 9:10 AM
Session I: Advanced Coronary Interventions
Moderators: Jeroen J. Bax, Stephan WindeckerDiscussants: 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 IFR 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 WindeckerDiscussants: 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 Søndergaard

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

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

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 SekiguchiDiscussants: 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
THE BEST OF INTERVENTION FROM CHINA

The Best of Intervention From China

WEDNESDAY, SEPTEMBER 25, 2019
10:45 am - 12:45 pm
Room 201-202

10:45 am - 12:45 pm
The Best of Intervention From China
10:45 AM - 12:45 PM
Session I: Structural Interventions
Moderators: Alexandre Abizaid, Oscar A. Mendiz
Discussants: Jorge Cortes Lawrenz, 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: Jonathon A. Leipsic

10:52 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 Mangioni
Discussants: Guering Eid-Lidt, Efrain Gaxiola, Oscar A. Mendiz, Alexandre Schaan Quadros, Omar Santaera

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

11:52 AM
Roundtable Discussion With Audience QA

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

12:03 PM
Roundtable Discussion With Audience QA

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

12:16 PM
Roundtable Discussion With Audience QA

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

12:28 PM
Roundtable Discussion with Audience QA

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

12:39 PM
Roundtable Discussion With Audience QA

THE BEST OF INTERVENTION FROM TCT RUSSIA: AT THE CROSSROADS OF ADULT STRUCTURAL AND CONGENITAL INTERVENTIONS

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

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

1:27 PM
Who When How: A Primer of ASD Closure in Adults
Lecturer: William A. Gray
1:35 PM Learn the Technique Case Based: ASD Closure in an Adult Patient  
Case Presenter: Narek Karapetyan
1:42 PM Roundtable Discussion With Audience QA
1:49 PM Calcific Mitral Valve Disease: Interventional Approaches  
Lecturer: Mayra Guerrero
1:57 PM Learn the Technique Case Based: Calcified Aortas and Mitral Valve Disease  
Case Presenter: Sergey A. Abugov
2:04 PM Roundtable Discussion With Audience QA
2:11 PM Interventional Treatment of Paravalvular Leaks: Procedural Planning Technique and Outcomes  
Lecturer: Wojtek Wojakowski
2:19 PM Learn the Technique Case Based: Interventional Treatment of Paravalvular Leak  
Case Presenter: Bagrat Alekyan
2:26 PM Left Atrial Appendage Closure: A Congenital Skill for a Non Congenital Disease  
Lecturer: Horst Sievert
2:34 PM Learn the Technique Case Based: LAA Closure  
Case Presenter: Alexey A. Protopytov
2:41 PM Roundtable Discussion With Audience QA
2:55 PM Closing Remarks  
Lecturer: Bagrat Alekyan

THE BEST OF INTERVENTION FROM THE ASIA-PACIFIC AND INDIA

The Best of Intervention From the Asia-Pacific and India
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
1:12 PM Case 2 From India: Role of Intervention in Takayasu Arteritis  
Case Presenter: Manotosh Panja
1:19 PM Roundtable Discussion With Audience QA
1:24 PM Case 3 From Indonesia: Coronary Obstruction Caused by an Un Deflated Balloon After Shaft Fracture

THE BEST OF INTERVENTION FROM THE MIDDLE EAST AND AFRICA

The Best of Intervention From the Middle East and Africa
WEDNESDAY, SEPTEMBER 25, 2019
3:15 PM - 5:15 PM
Room 205-206

3:15 PM - 3:55 PM
Session I: A Complex Coronary Case (CHIP)  
Moderators: Graham A. Cassel, Ran KornowskiDiscussants: Magdy Abdelhamid, Hadi Abu-Hantash, Adel M Kamal El Etriby, Sajidah Khan
A Patient With Complex Coronary Artery Disease

Case Introduction
Case Presenter: Nireen Okasha

How I Would Treat This Case
Lecturer: Sajidah Khan

How I Would Treat This Case
Lecturer: Kais BATTIKH

Case Resolution: How Did I Treat This Patient
Case Presenter: Nireen Okasha

Roundtable Discussion With Audience QA

Take Home Messages
Lecturer: Graham A. Cassel

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

A Patient With STEMI MVD and Cardiogenic Shock

Case Introduction
Case Presenter: Chaim S. Lotan

How I Would Treat This Case
Lecturer: Khaled F. Al-Shaibi

How I Would Treat This Case
Lecturer: Mohamed Abed Bouraghda

Case Resolution: How Did I Treat This Patient
Case Presenter: Chaim S. Lotan

Roundtable Discussion With Audience QA

Take Home Messages
Lecturer: Waqar H. Ahmed

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

An Intermediate Risk Patient With Severe Aortic Stenosis

Case Introduction
Case Presenter: Ahmad Edris

How I Would Treat This Case
Lecturer: Mohammed Balghith

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

WEDNESDAY, SEPTEMBER 25, 2019
6:00 PM - 8:15 PM
Yerba Buena Ballroom 8

Introduction and Welcome to the Inaugural Session
Lecturer: Martin B. Leon

Featured Lecture: The Rapid Growth of Structural Heart Disease and the Multidisciplinary Heart Team
Keynote Speaker: Rebecca T. Hahn

Case Based Heart Team Presentations
Moderator: Anita Asgar, Kendra J. Grubb, Mayra Guerrero, Rebecca T. Hahn, Sandra Lauck, Roxana Mehran, Vivian G. Ng

Case 1: Complex TAVR Bioprosthetic Valve Failure
Case Presenters: Maureen McKiernan; Kendra J. Grubb, Roxana Mehran; Discussion: Anita Asgar, Mayra Guerrero, Nadira Hamid, Alexandre J. Lansky, Eliza Saw, Anapama Shivaraj, Lissa Sugeng, Molly Szerlip, Dee Dee Wang, Tiffany Wong, Melana Yuzefpolskaya; Chair: Anita Asgar, Kendra J. Grubb, Mayra Guerrero, Rebecca T. Hahn, Vivian G. Ng

Case 2: Mitral Valve in MAC
Case Presenters: Stephanie El-Hajj; Mayra Guerrero, Vivian G. Ng; Discussion: Rebecca T. Hahn, Katherine B. Harrington, Nisha Jhalani, Sandra Lauck, Molly Szerlip, Dee Dee Wang, Melana Yuzefpolskaya
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
Moderators: Michael J. ReardonDiscussants: Guilherme Attizzani, Michael Caskey, Megan Coylewright, Harold L. Dauerman, Kendra J. Grubb

8:40 am  The Clinical Evidence: Extreme to Low Risk Patients
Lecturer: Michael J. Reardon

8:45 am  Therapy Choice of TAVR vs. SAVR
Lecturer: Kendra J. Grubb

8:55 am  Shared Decision Making
Lecturer: Megan Coylewright

9:05 am  The Technology Evolut System: Overview and Performance
Lecturer: Michael Caskey

9:20 am  Treatment of AS across the Spectrum of Risk
Lecturer: Michael J. Reardon

9:30 am  The Patient Profile: Case Selection and the Importance of Multimodality Imaging
Lecturer: Dee Dee Wong

9:45 am  CAD and AS: Implications for Therapy Selection

10:00 am - 10:15 am  Break

10:15 am - 10:30 am  The Heart Team in Action: Case Presentation
Case Presenter: Guilherme Attizzani

10:30 am - 11:15 am  Building Your TAVR Program
Moderators: Kim GuiboneDiscussants: Kimberly Atianzar, Guilherme Attizzani, Angela Davis, Srinivas Iyengar, Antonie Keller, Daniel O’Hair, Sandeep Patel, Tammy Querrey, Basel Ramlawi

11:15 am - 12:00 pm  Obtaining Effective Support for Your New Program
Lecturer: Antonie Keller

12:00 pm - 1:00 pm  Lunch

1:00 pm - 3:00 pm  Maintaining and Accelerating Your Program: Part 1 — Logistics
Moderators: Jeffrey J. PopmaDiscussants: Sarah E. Clarke, Hemal Gada, Michaela Mueller, Daniel O’Hair, Carrie Redick, Lucy Schluter

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
TRANSCATHETER VALVE THERAPY | WEDNESDAY, SEPTEMBER 25, 2019

Lecturer: Carrie Redick

1:30 PM Patient Access Strategies
1:30 PM Market Analysis
   Lecturer: Lucy Schlueter
1:38 PM Identifying Referral Sources Outreach Programs
   Lecturer: Daniel O’Hair
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
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, Hasan Jilaihawi, Muhamed Saric, Mathew Williams, 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: Mathew Williams
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
   Discussant: Guilherme Attizzani, Hasan Jilaihawi, Paul D. Mahoney, Jeffrey J. Popma, Muhamed Saric, Mathew Williams, Steven J. Yakubov

4:40 PM TAVR Team Planning Sharing
   Discussant: Guilherme Attizzani, Hasan Jilaihawi, Paul D. Mahoney, Jeffrey J. Popma, Muhamed Saric, Mathew Williams, Steven J. Yakubov
4:50 PM QA: Next Steps
   Lecturer: Martin B. Leon, Jeffrey J. Popma

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
The Moscone Center

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 K. 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
   Presenter: Tamim M. Nazif
11:00 AM Aortic and Mitral Valve in Valve
   Presenter: Andrew Morse
11:30 AM TAVR Patient Assessment
   Presenter: Amar Krishnaswamy
12:00 PM Buffet Lunch and Break
12:45 PM Complex Cases and Complications and Hands on Workshop Group 1
   Discussant: John K. Forrest, Ryan K. Kaple, Omar K. Khalique, Amar Krishnaswamy, James M. McCabe, Andrew Morse, Tamim M. Nazif, Rahul Prakash Sharma, Torsten P. Vahl
2:15 PM Break
2:30 PM Complex Cases and Complications and Hands on Workshop Group 2
   Discussant: John K. Forrest, Ryan K. Kaple, Omar K. Khalique, Amar Krishnaswamy, James M. McCabe, Andrew Morse, Rahul Prakash Sharma, Torsten P. Vahl
**TRANSLATIONAL PATHWAYS FOR CARDIOVASCULAR DEVICES (SPONSORED BY ISCTR)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tr>
<td>8:00 AM</td>
<td><strong>Introduction</strong></td>
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<tr>
<td>8:00 AM</td>
<td><strong>Welcome Statement</strong></td>
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<td>Presenter: Anthony DeMaria</td>
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<tr>
<td>8:05 AM</td>
<td><strong>ISCTR Mission and Statement of Meeting Purpose</strong></td>
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<td>Presenter: Nabil Dib</td>
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<td>8:15 AM</td>
<td><strong>Presentation of the ISCTR Nelson Award</strong></td>
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<td>Presenter: David R. Holmes Jr., Spencer B. King III</td>
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<td>8:20 AM</td>
<td><strong>Keynote Address</strong></td>
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<tr>
<td>8:20 AM</td>
<td><strong>Education and Implementation of the Translational Pathways Document</strong></td>
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<td>Presenter: Spencer B. King III</td>
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<tr>
<td>8:35 AM</td>
<td><strong>Session I: Device Development Essential Concepts</strong></td>
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<td>Moderator: Anthony DeMaria, David R. Holmes Jr.</td>
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<tr>
<td>8:35 AM</td>
<td><strong>Choosing an Innovative Concept</strong></td>
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<td>Presenter: Peter J. J. Fitzgerald</td>
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<td>8:42 AM</td>
<td><strong>Intellectual Property</strong></td>
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<td>Presenter: James Inskeep</td>
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<td>8:49 AM</td>
<td><strong>Business Planning Development and Fundraising</strong></td>
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<td>Presenter: Stanton J. Rowe</td>
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<td>8:56 AM</td>
<td><strong>Conflict of Interest and Product Development</strong></td>
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<td>Presenter: Anthony DeMaria</td>
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<td>9:03 AM</td>
<td><strong>Adoption of Technology</strong></td>
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<td>Presenter: Ian T. Meredith</td>
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<td>9:10 AM</td>
<td><strong>Session I Panel Discussion</strong></td>
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<td>Discussant: Todd J. Brinton, Tonya Dowd, Andrew Farb, Peter J.J. Fitzgerald, James Inskeep, Ian T. Meredith, David Reuter, MD, Gary S. Roubin, Stanton J. Rowe, Jianhua sun</td>
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<tr>
<td>9:30 AM</td>
<td><strong>Break</strong></td>
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<tr>
<td>9:45 AM</td>
<td><strong>Session II: Device Development Focus on Diagnostic Devices</strong></td>
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<tr>
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<td>Moderator: Mitchell W. Krucoff, Bram D. Zuckerman</td>
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<tr>
<td>9:45 AM</td>
<td><strong>Advanced Cardiac Anatomy: Application in Translational Research</strong></td>
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<td><strong>Tailored to Current and Future Technology</strong></td>
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<td>Presenter: Renu Virmani</td>
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<td>10:00 AM</td>
<td><strong>Advanced Cardiac Imaging: Application in Translational Research</strong></td>
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<td><strong>Tailored to Current and Future Technology</strong></td>
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<td>Presenter: Jeroen J. Bax</td>
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<td>10:15 AM</td>
<td><strong>Statistics for Evaluation of Cardiovascular Diagnostic Devices</strong></td>
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<td><strong>Presenter: Chris Mullin</strong></td>
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<td>10:30 AM</td>
<td><strong>Regulatory Review of Cardiovascular Diagnostic Devices: FDA Perspective</strong></td>
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<td><strong>Presenter: Marco Cannella</strong></td>
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<td>10:45 AM</td>
<td><strong>Regulatory Review of Cardiovascular Diagnostic Devices: European Regulatory Perspective</strong></td>
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<td><strong>Presenter: Robert A. Byrne</strong></td>
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<td>11:00 AM</td>
<td><strong>Guideline Requirement for Diagnostic Devices</strong></td>
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<td><strong>Presenter: Roxana Mehran</strong></td>
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<td>11:15 AM</td>
<td><strong>Reimbursement for Diagnostic Devices</strong></td>
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<td><strong>Presenter: Lori M. Ashby</strong></td>
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<td>11:30 AM</td>
<td><strong>Session II Panel Discussion</strong></td>
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<td><strong>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</strong></td>
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<td>11:50 AM</td>
<td><strong>Lunch</strong></td>
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<td>12:15 PM</td>
<td><strong>Session III: Advances in the Assessment of High Risk Coronary Lesions</strong></td>
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<td><strong>Moderator: Robert O. Bonow, Campbell Rogers</strong></td>
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<td>12:15 PM</td>
<td><strong>Unmet Clinical Needs Value Adds and Future Directions in Lesion Assessment</strong></td>
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<td><strong>Presenter: James K. Min</strong></td>
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<tr>
<td>12:22 PM</td>
<td><strong>Unmet Clinical Needs Value Adds and Future Directions in Intracoronary Lesion Assessment FFR IVUS OCT Infrared</strong></td>
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<td><strong>Presenter: Morton J. Kern</strong></td>
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<td>12:29 PM</td>
<td><strong>Non Clinical Evaluation</strong></td>
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<td><strong>Presenter: Robert D. Safian</strong></td>
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<td>12:36 PM</td>
<td><strong>Regulatory Perspectives</strong></td>
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<td><strong>Presenter: Shawn Forrest</strong></td>
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<td>12:43 PM</td>
<td><strong>Session III Panel Discussion</strong></td>
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<td><strong>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</strong></td>
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<td>12:58 PM</td>
<td><strong>Session IV: Translational Pathways for Structural Heart Intervention Imaging</strong></td>
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<td><strong>Session IV: Translational Pathways for Structural Heart Intervention Imaging</strong></td>
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</table>
12:45  TCT 10: Time and Mortality in ST Elevation Myocardial Infarction: Insights From the TOTAL Trial
Presenting Author: Rachel Moxham

12:55  Discussion

1:00  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  Discussion

1:15  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  Discussion

1:30 - 2:30  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  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  Discussion

1:45  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  Discussion

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

2:10  Discussion

2:15  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  Discussion

COMPLICATIONS OF TAVR: STROKE AND CORONARY OBSTRUCTION

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

12:30  TCT 17: Coronary Obstruction Risk Assessment: A Comparison of Snorkel Stenting and BASILICA
Presenting Author: John Lisko

12:40  Discussion

12:45  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  Discussion

1:00  TCT 19: Outcome of Coronary Ostial Stenting to Prevent Coronary Obstruction During TAVR: an International Multicenter Registry
Presenting Author: Antonio Mangieri

1:10  Discussion

1:15  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  Discussion

1:30 - 2:30  Session II: Stroke After TAVR
Moderators: Karel T. Koch, Ulf Landmesser
Discussants: Mark C. Bates, Asim Cheema, Alejandro Cherro, Nabil Farag, Saib Khogali, S. Chiu Wong

1:30  TCT 21: Incidence And Clinical Outcomes Of Stroke In Patients With Percutaneous Mechanical Circulatory Support Devices: Insights from Large National Database
Presenting Author: Mohit Pahuja

1:40  Discussion

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

1:55  Discussion

2:00  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

2:10  Discussion

2:15  TCT 24: Clinical predictors for procedural stroke and implications for embolic protection device during TAVI: Results from the multicenter Transcatheter Aortic valve implantation in hospital stroke TASK study
Presenting Author: Amit Segev

2:25  Discussion
DES AND BIORESORBABLE SCAFFOLDS

DES and Bioresorbable Scaffolds

Coronary: CHIP

WEDNESDAY, SEPTEMBER 25, 2019
12:30 PM - 2:30 PM
Room 213

12:30 - 1:30 PM
Session I: DES — New Studies, New Insights
Moderators: Nickolas Nodar Kipshidze, Pieter C. Smits
Discussants: Salvatore Cassese, Mohamed Ali Elsalamony, Anton Farkas, David F. Kong

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

12:40 PM
Discussion

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

12:55 PM
Discussion

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

ENDOVASCULAR INTERVENTIONS

Endovascular Interventions

Vascular

WEDNESDAY, SEPTEMBER 25, 2019
12:30 PM - 2:30 PM
Room 203

12:30 - 1:30 PM
Session I. Chronic limb ischemia
Moderators: J. Stephen Jenkins, Mahmood K. Razavi
Discussants: Stanislaw Bartus, Jose A. Condado, Alejandro Goldsmit, Karthik R. Gujja, R. Stefan Kiesz, Jun Nakazato

12:30 PM
TCT 57: Plantar Thermography in Predicting Wound Healing in Patients with Critical Limb Ischemia
Presenting Author: Wei-chun Chang

12:40 PM
Discussion

12:45 PM
TCT 58: Predictors associating with major amputation in critical limb ischemia patients with WIFI stage 4
Presenting Author: Norihiro Kobayashi

12:55 PM
Discussion

1:00 PM
TCT 59: Atherosclerotic Swine Model for Anatomically Correct Investigation of Below the Knee Interventional Therapies: Preliminary Characterization
Presenting Author: Marco Ferrone

1:10 PM
Discussion

1:15 PM
TCT 60: Novel 6 Month Angiographic Outcomes in Below Knee Disease and Correlation to 12 Month Clinical Results
Presenting Author: Ehrin J. Armstrong

1:25 PM
Discussion

1:30 PM - 2:30 PM
Session II: Endovascular Potpourri

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: Bioresorbable 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

TRANSCATHETER VALVE THERAPY | WEDNESDAY, SEPTEMBER 25, 2019
Last Updated 09/13/2019 Page: 21
1:30 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 Tomoi

1:40 PM Discussion

1:45 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

1:55 PM Discussion

2:00 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

2:10 PM Discussion

2:15 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

2:25 PM Discussion

1:30 PM TCT 53: Impact of Intravascular Ultrasound Utilization on Outcomes Following Percutaneous Coronary Intervention for In stent Restenosis 
Presenting Author: Evan Shlofmitz

1:40 PM Discussion

1:45 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

1:55 PM Discussion

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 
Presenting Author: Byeong-Keuk Kim

2:10 PM Discussion

2:15 PM TCT 56: Impact of Neoatherosclerosis on clinical Outcomes after Repeat Revascularization of In Stent Restenosis of 2nd Generation Drug Eluting Stents 
Presenting Author: Zhaoyang Chen

2:25 PM Discussion

12:30 PM - 1:30 PM
Session I: 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 TCT 49: Perceived versus competency based assessment of interventional cardiology fellows abilities in intracoronary physiology and imaging 
Presenting Author: Erin Flattery

12:40 PM Discussion

12:45 PM TCT 50: Comparison of Saline and Radiographic Contrast for Optical Coherence Tomography Guided Intracoronary Imaging 
Presenting Author: Ankita Gore

12:55 PM Discussion

1:00 PM TCT 51: IVUS Predictors of Stent Expansion in Severely Calcified Lesions

12:30 PM - 2:30 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

12:30 PM TCT 53: Impact of Intravascular Ultrasound Utilization on Outcomes Following Percutaneous Coronary Intervention for In stent Restenosis 
Presenting Author: Evan Shlofmitz

1:40 PM Discussion

1:45 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

1:55 PM Discussion

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 
Presenting Author: Byeong-Keuk Kim

2:10 PM Discussion

2:15 PM TCT 56: Impact of Neoatherosclerosis on clinical Outcomes after Repeat Revascularization of In Stent Restenosis of 2nd Generation Drug Eluting Stents 
Presenting Author: Zhaoyang Chen

2:25 PM Discussion

12:30 PM - 1:30 PM
Session I: PCI of Heavily Calcified Lesions
Moderators: Maurice Buchbinder, Michael J. Cowley
Discussants: Taya 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

12:30 PM - 2:30 PM
Session II: PCI of Heavily Calcified Lesions
Moderators: Maurice Buchbinder, Michael J. Cowley
Discussants: Taya A. Addo, Ramesh Adiraju, Ahmed Elghamaz, Jack Hall, Stefan Harb, Jun Jiang

12:30 PM TCT 49: Perceived versus competency based assessment of interventional cardiology fellows abilities in intracoronary physiology and imaging 
Presenting Author: Erin Flattery

12:40 PM Discussion

12:45 PM TCT 50: Comparison of Saline and Radiographic Contrast for Optical Coherence Tomography Guided Intracoronary Imaging 
Presenting Author: Ankita Gore

12:55 PM Discussion

1:00 PM TCT 51: IVUS Predictors of Stent Expansion in Severely Calcified Lesions

12:30 PM - 2:30 PM
Session II: PCI of Heavily Calcified Lesions
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

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HEART DISEASE INTERVENTIONS

TAVR COMPLICATIONS AND CONGENITAL HEART DISEASE INTERVENTIONS

12:40 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

Session I: TAVR Complications
Moderators: Massimo Napodano, Bernhard Reimers
Discussants: Kimberly Atianzar, Quang T. Bui, 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

12:30 PM - TAVR Complications
Moderators: Donald Cutlip, Spencer B. King III
Discussants: Sanjeev Kumar

12:40 PM - TCT 34: Bioprosthetic valve fracture can eliminate preexisting prosthesis patient mismatch
Presenting Author: Christina Brinkmann

12:55 PM - TCT 27: Safety and Effectiveness of Coronary Intravascular Lithotripsy for Treatment of Severely Calcified Coronary Stenoses: The Disrupt CAD II study

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

1:25 PM - Discussion

1:30 PM - 2:30 PM
Session II: PCI in Chronic Kidney Disease
Moderators: Donald Cutlip, Spencer B. King III
Discussants: Sanjeev Kumar

1:30 PM - TCT 29: Impact of intravascular ultrasound guided drug eluting stent implantation on patients with chronic kidney disease: subgroup analysis from ULTIMATE trial
Presenting Author: Junjie Zhang

1:40 PM - Discussion

1:45 PM - TCT 30: Ultra Low Contrast Coronary Angiography in Patients with Advanced Chronic Kidney Disease: Feasibility and Outcomes Compared with Conventional Angiography
Presenting Author: NAVDEEP BHATTI

1:55 PM - Discussion

2:00 PM - TCT 31: Use of Iso Osmolar Contrast Media in High AKI Risk Patients Undergoing Peripheral Revascularization Procedures Is Associated with Lower Incidence of Major Adverse Renal or Cardiac Events MARCE
Presenting Author: Anand Prasad

2:10 PM - Discussion

2:15 PM - TCT 32: Clinical Outcomes of Imaging and Physiology guided PCI without Contrast Administration in Advanced Renal Failure
Presenting Author: Hussein M. Rahim

2:25 PM - Discussion

2:30 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

2:45 PM - TCT 36: Clinical Predictors of Hypo Attenuated Leaflet Thickening Following Transcatheter Aortic Valve Replacement with 320 Multislice Scanner: A Single Center Experience.
Presenting Author: Hashril Rashid

2:50 PM - Discussion

1:30 PM - 2:30 PM
Session III: Congenital Heart Disease Interventions
Moderators: Doff B. McElhinney, Eustaquio Maria Onorato
Discussants: Kimberly Atianzar, Quang T. Bui, Mohamed Mohamed Elmaraghi, Marvin H. Eng, Vincent J. Pompili

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

Transcatheter Valve Therapy | Wednesday, September 25, 2019

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COMPLEX PCI AND LEFT MAIN INTERVENTIONS

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

3:00 PM - 4:00 PM
Session I: Complex PCI
Moderators: Christophe Dubois, Massimo Napodano
Discussants: Ariel Duran, 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
Discussion

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

3:45 PM TCT 68: Influence of Final Kissing Balloon Inflation on Long term Outcomes After PCI of Distal Left Main Bifurcation Lesions: Analysis from the EXCEL Trial
Presenting Author: Annapoorna Kini
Discussion

4:00 PM - 5:00 PM
Session II: Left Main Interventions
Moderators: Alfredo E. Rodriguez, Erick Schampaert
Discussants: Jose A. Alvarez, Theodore A. Bass, Diego D. Grinfeld, Hosam Hasan, Michal J. Hawranek, Yutaka Hikichi

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: Yongzhen Fan
Discussion
HYPERTENSION AND HEART FAILURE THERAPIES

Hypertension and Heart Failure Therapies

Vascular

WEDNESDAY, SEPTEMBER 25, 2019
3:00 PM - 4:50 PM
Room 203

3:00 PM - 3:50 PM
Session I: Renal Denervation

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

3:10 PM  Discussion

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

3:25 PM  Discussion

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

LAA CLOSURE AND PULMONARY EMBOLI THERAPIES

LAA Closure and Pulmonary Emboli Therapies

Structural: Non-Valve

WEDNESDAY, SEPTEMBER 25, 2019
3:00 PM - 5:00 PM
Room 216

3:00 PM - 4:00 PM
Session I: Left Atrial Appendage Closure
Moderators: Randall J. Lee, Petr NeuzilDiscussants: Anibal A. Damonte, Marek Grygier, Jamie Kim, Marco G. Mennuni, Thomas Schmitz, Paul Vermeersch

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

3:10 PM  Discussion

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

3:47 PM  Discussion

3:50 PM - 4:50 PM
Session II: Heart Failure Therapies
Moderators: Bernard J. Gersh, Christopher O'ConnorDiscussants: Lauren S. Baker, Otavio Berwanger, Tomasz Jadczak, Scott Lilly, Abdullah Al Shafi Majumder, Bilal S. Mohydin

3:50 PM  TCT 85: Minimally invasive catheter based deactivation of left ventricular device without surgical explantation
Presenting Author: Arif Albulushi

4:00 PM  Discussion

4:05 PM  TCT 86: Cardiac autonomic nerves stimulation improves hemodynamics and clinical status in advanced heart failure patients
Presenting Author: Michael Cuchiara

4:15 PM  Discussion

4:20 PM  TCT 87: Levoatrial to coronary sinus shunting as a novel strategy for symptomatic heart failure: first in human experience
Presenting Author: Benjamin Hibbert

4:30 PM  Discussion

4:35 PM  TCT 88: Six Month Outcomes of an Early Feasibility Study of the AccuCinch Left Ventricular Repair System in Patients with Heart Failure and Functional Mitral Regurgitation
Presenting Author: Satya Shreenivas

4:45 PM  Discussion

LAA CLOSURE AND PULMONARY EMBOLI THERAPIES
TRANSCATHETER VALVE THERAPY | WEDNESDAY, SEPTEMBER 25, 2019

3:25 pm  
Discussion
3:30 pm  
TCT 115: The novel Watchman FLX for left atrial appendage closure. Early European experience.  
Presenting Author: Jens Erik Nielsen-Kudsk

3:40 pm  
Discussion
3:45 pm  
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

3:55 pm  
Discussion

4:00 pm - 5:00 pm  
Session II: Acute and Chronic Pulmonary Emboli Therapies  
Moderators: Jay S. Giri, Amit SegevDiscussants: Daniel R. Bensimhon, Christopher J. Cooper, Seiichi Hiramori, Maddury Jyotsna, David Planer, Akhilesh K. Sista

4:00 pm  
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

4:10 pm  
Discussion
4:15 pm  
TCT 118: Balloon pulmonary angioplasty for segmental and sub segmental thromboembolic lesions in patients with chronic thromboembolic pulmonary hypertension  
Presenting Author: Vladimir Losev

4:25 pm  
Discussion
4:30 pm  
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
4:45 pm  
TCT 120: Utilization of Percutaneous Thrombectomy in Patients with Massive and Very High risk Submassive Acute Pulmonary Embolism  
Presenting Author: Catalin Toma dupe

4:55 pm  
Discussion

3:00 pm  
TCT 89: Right to Left Shunt through Iatrogenic Atrial Septal Defect after MitraClip Procedure  
Presenting Author: Takao Morikawa

3:10 pm  
Discussion
3:15 pm  
TCT 90: Electrosurgical LAceration and STAbilization of a MitraClipELASTA Clip  
Presenting Author: John Lisko

3:25 pm  
Discussion
3:30 pm  
TCT 91: One Year Outcomes From the Multicenter Prospective Study With the Novel PASCAL Transcatheter Valve Repair System for Patients With Mitral Regurgitation in the CLASP Study  
Presenting Author: Saibal Kar

3:40 pm  
Discussion
3:45 pm  
TCT 92: Antegrad e LAMPOON Intentional Percutaneous Laceration of the Anterior Mitral Leaflet to Prevent Outflow Obstruction: A Novel Modification of the Previously Described Retrograde LAMPOON is a Technically Feasible Reproducible Effective and Safe Modification of This Procedure  
Presenting Author: Isida Byku

3:55 pm  
Discussion

4:00 pm - 5:00 pm  
Session II: Tricuspid Valve Interventions  

4:00 pm  
TCT 93: Results From the Early Feasibility Study of CardiobandTricuspid 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: Mahammed 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

MITRAL AND TRICUSPID VALVE INTERVENTIONS

Mitral and Tricuspid Valve Interventions

Structural: Valve

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

3:00 pm - 4:00 pm
Session I: Mitral Valve Interventions

NOVEL TAVR DATA

Novel TAVR Data

Structural: Valve

WEDNESDAY, SEPTEMBER 25, 2019
3:00 pm - 5:00 pm
Room 209-210
### Physiologic Guidance: Hyperemic, Basal, and Angiographic Studies

**WEDNESDAY, SEPTEMBER 25, 2019**

**Room 211**

**3:00 pm - 4:15 pm**
**Session II: FFR and iFR**

**Moderators:** Justin E. Davies, David Erlinge
**Discussants:** Jung-Min Ahn, Walter Desmet, Allen Jeremias, Morton J. Kern, Shahar Lavi, Joo Myung Lee

- **TCT 105:** Diagnostic Performance of Fractional Flow Reserve and Instantaneous Wave free Ratio in LAD and non LAD: Results of Iberian Dutch English IDEAL LAD Study.
  
  **Presenting Author:** Yuetsu Kikuta
  
  **3:10 pm**
  **Discussion**

- **TCT 106:** FFR in non culprits in STEMI: a substudy of the COMPARE ACUTE trial.
  
  **Presenting Author:** Zsolt Piroth
  
  **3:25 pm**
  **Discussion**

- **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**

- **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
  
  **3:45 pm**
  **Discussion**

- **TCT 109:** Inaccuracy of FFR in Clinical Practice: A High Volume Single Center Experience.
  
  **Presenting Author:** Ankita Gore
  
  **3:55 pm**
  **Discussion**

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

**3:00 pm - 5:00 pm**
**Session II: Novel TAVR Data**

**Moderators:** Hans R. Figulla
**Discussants:** Cameron Dowling, Vivek Gupta, Vijay Iyer, Jan Kovac, Gerhard C. Schuler, Thomas Walther

- **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
  
  **3:15 pm**
  **Discussion**

- **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**

- **TCT 75:** Infective Endocarditis After Transcatheter Aortic Valve Replacement: Findings From a UK Nationwide Linkage Study.
  
  **Presenting Author:** Tom Cahill
  
  **3:40 pm**
  **Discussion**

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

- **TCT 77:** Transcarotid Versus SubclavianAxillary Access for Transcatheter Aortic Valve Replacement: Real World Comparative Outcomes Utilizing the TVT Registry.
  
  **Presenting Author:** James B. Hermiller Jr
  
  **4:10 pm**
  **Discussion**

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

- **TCT 79:** Multimodality Assessment of Prosthetic Valve Regurgitation to Predict Reverse Cardiac Remodeling and Long term Clinical Outcomes after Transcatheter Aortic Valve Replacement Results From the Prospective POST TAVI Registry.
  
  **Presenting Author:** Mohammad Abdelghani
  
  **4:25 pm**
  **Discussion**

- **TCT 80:** Predictors of residual significant mean gradient after TAVR in bicuspid aortic valve stenosis: insights from the BEAT international collaborative registry.
  
  **Presenting Author:** Antonio Mangieri
  
  **4:30 pm**
  **Discussion**

**3:00 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

- **TCT 111:** Clinical implication of quantitative flow ratio after percutaneous coronary intervention for three vessel disease.
THURSDAY, SEPTEMBER 26, 2019
MAIN ARENA I: THURSDAY, SEPT. 26

8:00 AM - 1:15 PM
Main Arena

8:00 AM - 9:25 AM
Live Cases #1

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

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

9:25 AM - 9:30 AM
TCT Welcome Message

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

9:30 AM - 10:15 AM
Special Presentation: "Healthcare, Remixed" by Dr. Zubin Damania (ZDoggMD)

9:30 AM Special Presentation: Healthcare Remixed by Dr. Zubin Damania ZDoggMD
Lecturer: Zubin Damania

10:15 AM - 10:30 AM
Career Achievement Award
Moderators: Martin B. Leon, Gregg W. StoneAward Recipients: Robert O. Bonow

10:15 AM Career Achievement Award Presentation

10:30 AM - 11:30 AM
Late-Breaking Trials 1, Co-Sponsored by Lancet
Moderators: Gregg W. StoneDiscussants: Robert A. Byrne, Robert A. Harrington, David Hil Hick-Smith, Mitchell W. Krucoff, Marie-Claude Morice, Manesh R. Patel, Jan G. P. Tijssen, Philip M. Urban, Freek Verheugt, Pascal VranckxCo-Moderators: Stuart Spencer

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 With Audience QA

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 With Audience QA

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 With Audience QA

11:30 AM - 12:15 PM
Live Cases #2

11:30 AM St. Pauls Hospital Vancouver Canada SHD Live Case Operator: John G. Webb, David A. Wood

12:15 PM - 1:15 PM
Late-Breaking Science 1, Co-Sponsored by Journal of American College of Cardiology

12:15 PM EVOLVE Short DAPT: A Single Arm Study of 3 Month DAPT in Patients at High Bleeding Risk Treated With a Bioabsorbable Polymer Based Everolimus Eluting Stent
Lecturer: Ajay J. Kirtane

12:25 PM Roundtable Discussion With Audience QA

12:30 PM MODEL U SES: A Single Arm Study of 3 Month DAPT in Patients Treated With a Bioabsorbable Polymer Based Sirolimus Eluting Stent
Lecturer: Ken Kozuma

12:40 PM Roundtable Discussion With Audience QA

12:45 PM AUGUSTUS ACS: A 2x2 Factorial Randomized Trial of Apixaban vs. Warfarin and Aspirin vs. Placebo in Patients With Atrial Fibrillation and an Acute Coronary Syndrome
Lecture: Stephan Windecker

11:00 am NYPhColumbia University Medical Center
Live Case Operators: Dimitri Karmpaliotis, Akiko Maehara, Jeffrey W. Moses, Manish A. ParikhLive Case Guest Operators: Antonio Colombo, William Nicholson

LIVE CASE TRANSMISSION THEATER II: THURSDAY, SEPT. 26

Live Case Transmission Theater II: Thursday, Sept. 26
Coronary: CHIP冠状动脉
Structural: Valve瓣膜

THURSDAY, SEPTEMBER 26, 2019
2:00 am - 6:00 am
Live Case Theater

2:00 am - 3:30 am
Session I: Live Cases — CHIP/CTO

2:00 am NYPhColumbia University Medical Center New York NY

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

3:30 am - 6:00 am
Session II: Live Cases — SHD

3:30 am St. Pauls Hospital Vancouver Canada
Live Case Operator: John G. Webb, David A. Wood

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

5:00 am St. Pauls Hospital Vancouver Canada
Live Case Operator: John G. Webb, David A. Wood

METALLIC DES PART 1: STENT DIFFERENCES AND DAPT DURATION

Metallic DES Part 1: Stent Differences and DAPT Duration

Coronary: Core

THURSDAY, SEPTEMBER 26, 2019
8:00 am - 10:00 am
Room 152/154
8:00 AM - 8:32 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: Mamas Mamas  

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

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

8:32 AM - 9:16 AM  
Session II. DES Design and Clinical Outcomes  
Moderators: Michael Joner, Renu Virmani  
Discussants: Adnan K. Chhatriwalla, Donald Cutlip, Aloke 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: Grzegorz L. Kaluza  

8:39 AM  
The Case for Further Reducing Strut Thickness: Technical Challenges and Clinical Benefits  
Lecturer: Sripal Bangal  

8:47 AM  
Biodegradable Polymer DES: Do Clinical Trial Data Support Claims of Superior Safety or Effectiveness  
Lecturer: Takeshi Kimura  

8:54 AM  
Polymer Free DES: Lessons Learned From Recent Trials  
Lecturer: Michael Maeng  

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

9:07 AM  
Roundtable Discussion With Audience QA  
Lecturer: David E. Kandzari  

9:16 AM - 9:35 AM  
Session III: Novel Metallic Stents From China and India  
Moderators: Samin K. Sharma, Bo Xu  
Discussants: Vinay K. Bahl, Junbo Ge, Michael Haude, Henning Kelbaek, Antoine Lajonct, Samuel K. Mathew  

9:16 AM  
Primer on Metallic Stents Developed in China  
Lecturer: Runlin Gao  

9:23 AM  
Primer on Metallic Stents Developed in India  
Lecturer: Upendra Kaul  

9:30 AM  
Roundtable Discussion With Audience QA  

9:35 AM  
The High Bleeding Risk Patient: Current Recommendations and Overview of Dedicated Trials  
Lecturer: Stephan Windecker  

9:43 AM  
The Low Bleeding Risk Patient: Should DAPT be Tailored Based on Clinical Presentation Anatomic Complexity or DES Type  
Lecturer: Ajay J. Kirtane  

9:51 AM  
Roundtable Discussion With Audience QA  

MITRACLIP STUDIES AND TECHNIQUE  

MitraClip Studies and Technique  

Structural: Valve  

THURSDAY, SEPTEMBER 26, 2019  
8:00 AM - 10:00 AM  
Room 155/157  

8:00 AM - 8:51 AM  
Session I: MitraClip in DMR and FMR  
Moderators: Stephen Baldus, James B. Hermiller Jr  
Discussants: Anita Asgar, Blase A. Carabello, Megan Coylewright, Richard Smalling, Frederick G. St. Goar  

8:00 AM  
DMR: EVEREST II Was a Decade Ago Have MitraClip Techniques and Outcomes Improved  
Lecturer: Stephen H. Little  

8:07 AM  
Successful Case in Complex Anatomy  
Case Presenter: Gagan D. Singh  

8:13 AM  
Case of MitraClip Failure in Complex DMR Anatomy  
Case Presenter: Molly Szerlip  

8:19 AM  
Roundtable Discussion With Audience QA  

8:24 AM  
FMR: Two Year MITRA FR Data and Reconciliation With COAPT  
Lecturer: Guillaume Leurent  

8:31 AM  
Patient Selection for MitraClip in Heart Failure With FMR: What Are the COAPT Criteria and Where if Anywhere Might They Be Stretched  
Lecturer: Milton Packer  

8:38 AM  
FMR Heart Failure Management: How Should the Heart Team Function  
Lecturer: JoAnn Lindenfeld  

8:44 AM  
Roundtable Discussion With Audience QA  

8:51 AM - 10:00 AM  
Session II: MitraClip Imaging and Technique Issues  
Moderators: Jeroen J. Bax, Saibal Kar  
Discussants: Stephan Baldus, Victoria Delgado, Olaf Franzen, Joachim Schofer, Neil J. Weissman, Brian K. Whisenant  

8:51 AM  
What Are the Essential Echocardiographic Characteristics for MitraClip in DMR With Case Examples  

Session IV: DES and DAPT Duration
**LARGE-BORE ACCESS AND CLOSURE**

<table>
<thead>
<tr>
<th>Large-Bore Access and Closure</th>
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<td><strong>Vascular</strong></td>
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**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  
Ultrason 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

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: Erin J. Armstrong

11:25 AM  
Roundtable Discussion With Audience QA

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

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

11:45 AM  
Roundtable Discussion With Audience QA

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

**PCI PHARMACOTHERAPY: PART 1**

<table>
<thead>
<tr>
<th>PCI Pharmacotherapy: Part 1</th>
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<td><strong>Coronary: Core</strong></td>
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**THURSDAY, SEPTEMBER 26, 2019**

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

10:00 AM - 11:10 AM  
**The Distinct Role of P2Y12 Inhibitors and Aspirin**  
Moderators: 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
INTRAVASCULAR IMAGING STENT GUIDANCE: PART 1 — THE BASICS

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

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
2:00 PM - 3:13 PM
Session I
Moderators: James B. Hermiller Jr, Matthew J. Price
Discussants: Creighton W. Don, David Hildick-Smith, Roger J. Laham, Jens Erik Nielsen-Kudsk, Brian K. Whisenant

2:00 Patient Selection for LAA Closure: Risk Prediction Beyond CHA2DS2VASc and HAS BLED
Lecturer: Edip Gurol
2:10 LAA Closure vs. NOACs: Pros and Cons PRAGUE 17 and Additional Trials
Lecturer: Vivek Y. Reddy
2:20 Roundtable Discussion With Audience QA
2:28 WATCHMAN: Device Characteristics Procedural Technique Clinical Outcomes Ongoing Studies and Evolution to WATCHMAN FLX
Lecturer: Saibal Kar
2:43 AMULET: Device Characteristics Procedural Technique Clinical Outcomes and Ongoing Studies
Lecturer: James B. Hermiller Jr
2:55 LAA Closure in the United States: Update From the NCDR LAAO Registry
Lecturer: Matthew J. Price
3:02 Roundtable Discussion With Audience QA

3:13 PM - 4:00 PM
Session II: LAA Closure — Evolving Concepts
Moderators: Krzysztof Bartus, David R. Holmes Jr.
Discussants: Anibal A. Damonte, Edip Gurol, Kishore J. Harjai, Amar Krishnaswamy, Ulf Landmesser, Peter B. Sick

3:13 Clinical Trial Design Considerations for Next to Market and Next Generation LAAO Devices
Lecturer: Brian K. Whisenant
3:20 Clinical Rationale for LAA Closure After AF Ablation
Lecturer: DJ Lakkireddy
3:27 LAA Closure in Patients With Prior Intracranial Hemorrhage
Lecturer: Jens Erik Nielsen-Kudsk
3:34 TAVR Followed by LAA Closure: Implications for Bleeding Stroke and HALT
Lecturer: Fabian Nietlispach
3:41 Epicardial LAAC to Reduce Atrial Fibrillation: AMAZE Rationale and Status
Lecturer: DJ Lakkireddy
3:48 Roundtable Discussion With Audience QA

2:00 - 2:50 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 Walther, Stephan Windecker

2:00 The Low Risk TAVR RCTs: Evidence Based Vignettes
Lecturer: Martin B. Leon
2:08 Deep Dive: NEW Insights From the PARTNER 3 Trial
Lecturer: Michael J. Reardon
2:16 Roundtable Discussion with Audience QA
2:20 PointCounterpoint: Provocative Views 1
2:28 Remaining Data Gaps After the Low Risk TAVR RCTs
Lecturer: Michael A. Borger
2:36 Roundtable Discussion with Audience QA
2:40 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
Lecturer: Philippe Genereux
2:43 Roundtable Discussion with Audience QA

2:50 - 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 Making the Case for EARLY TAVR for Severe Asymptomatic AS
Lecturer: Philippe Genereux
2:55 Case Presentation
Lecturer: Brad Oldemeyer
3:00 Roundtable Discussion with Audience QA

TAVR INDICATIONS AND COMPLICATIONS

TAVR Indications and Complications

Structural Valve

THURSDAY, SEPTEMBER 26, 2019
2:00 PM - 6:10 PM
Room 155/157
**TAVR for Bicuspid Aortic Valve Disease**

3:04 PM  Clinical Trial Updates Anatomic Considerations and Optimizing Procedural Outcomes  
Lecturer: Raj Makkar

3:12 PM  Anatomic Considerations and Optimizing Procedural Outcomes With Case Presentations  
Lecturer: Stanley J. Chetcuti

3:20 PM  Surgical Perspectives: Not So Fast We Need a Randomized Trial  
Lecturer: Patrick M. McCarthy

3:26 PM  Asian Perspectives: Balancing Age Prevalence Anatomy and Culture  
Lecturer: Hasan Jilaihawi

3:34 PM  Roundtable Discussion with Audience QA  
Lecturer: Hasan Jilaihawi

**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  
Lecturer: Nicolas M. Van Mieghem

**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  
Lecturer: Torsten P. Vahl

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

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

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

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

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

4:30 PM  Roundtable Discussion with Audience QA  
4:33 PM  Is Paravalvular Regurgitation Still a Worrisome Complication With New Generation TAVR Systems  
Lecturer: Philippe Pibarot

4:43 PM  Roundtable Discussion with Audience QA  
4:46 PM  Valve Leaflet Thickening and Thrombosis: Definitions Frequency Management and Clinical Importance  
Lecturer: Lars Sonderegger

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  
Lecturer: Uri Landes

5:18 PM  Roundtable Discussion with Audience QA

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

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 Moderate MSevere 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

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**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 Thuesen
Discussants: Andrea Abizaid, Shao-Liang Chen, Javier Escaned, Miroslaw Ferenc, Bill D. Gogas, Hyeon-Cheol Gwon

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

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

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

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

2:30 PM Roundtable Discussion With Audience QA

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

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

2:51 PM When and How to Debulk Bifurcation Lesion
Lecturer: Alaida Chieffo

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

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

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

3:19 PM Roundtable Discussion With Audience QA

3:34 PM An Age Old Debate: 2 Stents vs. 1 for True Bifurcation Lesions
3:34 PM An Optimized Upfront Two Stent Strategy
a.k.a. DK Crush Is My New Standard
Lecturer: James B. Hermiller Jr

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

3:50 PM Roundtable Discussion With Audience QA
Lecturer: Goran Stankovic
Lecturer: Andy S. Yong
5:07 PM Case 3: A Patient With Complex Bifurcation Disease Simplified by Physiology
Case Presenter: Jennifer A. Tremmel

Roundtable Discussion With Audience QA

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
Lecturer: Christopher Cook
5:30 PM Roundtable Discussion With Audience QA
5:35 PM Assessment of Tandem Lesions and Diffuse Disease: How Physiology Helps in Procedural Planning
Lecturer: Andrew Sharp
5:42 PM Case 4: How Post PCI Physiology Changed My Management
Case Presenter: Barry F. Uretsky
5:47 PM The Value of Evaluating Shear Stress in Addition to FFR: A Better Predictor for Clinical Events
Lecturer: Habib Samady
5:54 PM Roundtable Discussion With Audience QA

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

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

THURSDAY, SEPTEMBER 26, 2019
4:00 PM - 6:00 PM
Room 151/153

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

4:00 PM Preventing PE in the Cardiac Patient: What Therapies and for Whom
Lecturer: Herbert D. Aronow
4:10 PM Diagnosing Pulmonary Embolism: A Practical Approach
Lecturer: Ido Weinberg
4:20 PM PERT: Why and How
Lecturer: Robert A. Lookstein
4:32 PM Systemic Therapy for Acute PE: Options Effectiveness Safety
Lecturer: 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
5:16 PM Case 1: Interventional Treatment of Acute Pulmonary Emboli
Case Presenter: Philip Green
5:37 PM Case 2: Interventional Treatment of Acute Pulmonary Emboli
Case Presenter: Andrew J. Klein
5:45 PM Case 3: Interventional Treatment of Acute Pulmonary Emboli
Case Presenter: Gregory Piazza
5:52 PM Roundtable Discussion With Audience QA

STEMI, CARDIAC ARREST, AND CARDIOGENIC SHOCK: PART 1

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

4:00 PM STEMI 2019: Who Are the High Risk Patients
Lecturer: Andreas Baumbach
4:07 PM A Womans Perspective: Minoca SCAD Takotsubo etc.
Lecturer: Jacqueline Saw
4:14 PM Get With the Guidelines: Delay 120 min. ED Bypass Registries Public Reporting etc.
Lecturer: Jacqueline E. Tamis-Holland
4:21 PM No Reflow: How to Prevent It and How to Fix It
Lecturer: Mitul Patel
4:28 PM Roundtable Discussion With Audience QA
4:35 PM Infarct Size Reduction: From the First FDA Approved Therapy SSO2 to Novel Approaches
Lecturer: Gregg W. Stone
4:45 PM LV Unloading to Reduce Infarct Size: Rationale Completed Studies and Ongoing Trials
Lecturer: Navin 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 PM Debate 1: The Hub and Spoke Model for STEMI/Cardiogenic Shock/Cardiac Arrest
5:00 PM Pro: The Only Way to Go
Lecturer: Tanveer Rab
5:07 PM Con: The Battle Is Won at the Front Line
Lecturer: William J. French

5:14 PM Roundtable Discussion With Audience QA
5:19 PM Complete Revascularization in STEMI with MVD Without Shock: Is the Story COMPLETE
Lecturer: Shamir R. Mehta

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

5:39 PM Roundtable Discussion With Audience QA
5:44 PM Debate 3: What to Do With SCAD
5:44 PM Case Presentation: A SCAD I Wish I Would Have Fixed
Case Presenter: David A. Cox
5:49 PM Case Presentation: A SCAD I Wish I Would Have Left Alone
Case Presenter: Jacqueline Saw

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, Michal Geva, Frank Litvack, Stanton J. Rowe, Robert S. Schwartz, Mark A. Turco

8:00 AM TCT Shark Tank Innovation Competition: 5 Year Summary
Lecturer: Juan F. Granada

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

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

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

8:28 AM Sharks Moderated QA
Lecturer: Murali Padala

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

8:48 AM Sharks Moderated QA
Lecturer: Peng Cao

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

9:08 AM Sharks Moderated QA
Lecturer: Marie Csete

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

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

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

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

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

10:08 AM Sharks Moderated QA
Lecturer: Fletcher Wilson

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

10:28 AM Sharks Moderated QA
Lecturer: Adrian Maciejewski

10:38 AM Early Feasibility of the Metavention Integrated Radio Frequency Nerve Ablation System to Improve Hyperglycemia and Fatty Liver in Type II Diabetic Subjects Metavention
Lecturer: Felix Mahfoud
2:00 PM - 2:57 PM
Global Perspectives in MedTech Innovation II

2:00 PM 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. Girl, Frank Litvack, Stephen Osterlee

2:00 PM Featured Lecture: Clinical Validation of Emerging Technologies In Which Direction Is the Global Landscape Changing
Lecturer: Chaim S. Lotan

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 Featured Technology: DNA Polygenic Risk Score Platform for the Prevention of Chronic Diseases trineOMICS
Lecturer: Van Krishnamoorthy

2:22 PM Smart Medical Devices: Technological Trends That Will Revolutionize the Medical Field
Lecturer: Marvin J. Slepian

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
Lecturer: Felix Mahfoud

2:57 PM - 3:00 PM
Digital Healthcare and Advanced Data Analytics
Modestors: Peter J. J. Fitzgerald, Jay S. Girl
Discussants: Annapoorna Kini, Pavel Overtchouk, Partha Sardar, Joydeep Sarkar, Marvin J. Slepian, Jeroen Tas

3:00 PM - 3:10 PM
Moderated Panel Discussion
Lecturer: Chaim S. Lotan

3:10 PM - 3:15 PM
Brief Break for Final Jury Deliberations
Closed Door

3:15 PM - 3:50 PM
Emerging Technologies In Which Direction Is the Global Landscape Changing
Lecturer: Chaim S. Lotan

3:50 PM - 3:57 PM
Featured Fascinating Lectures
Moderated Panel Discussion
Lecturer: Ariel Furer

3:57 PM - 5:00 PM
Digital Healthcare Systems and Healthcare Delivery
Lecturer: C. Michael Gibson
FDA TOWN HALL MEETING PART 1: GOALS FOR 2019/2020

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

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

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, Katherine Kumar, 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
Lecturer: Elazer R. Edelman

4:34 PM Drug Eluting Technologies for SFA Disease: Industrys Perspective and a Pathway Forward
Lecturer: Ian T. Meredith

4:42 PM Informed Consent and Impact on Clinical Practice: A Clinicians Perspective and a Pathway Forward
Lecturer: Sahil A. Parikh

4:50 PM Potential Study Designs to Address the Mortality Safety Signal
Lecturer: Laura Mauri

4:58 PM Emerging Safety Signals and FDAs Medical Device Safety Action Plan: Responses to the Late Mortality Signal
Lecturer: Rebecca Ward

5:06 PM Roundtable Discussion With Audience QA

THE STRUCTURAL HEART DISEASE IMAGING SYMPOSIUM: A JOINT SESSION WITH THE AMERICAN SOCIETY OF ECHOCARDIOGRAPHY
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, Stamatis 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)

8:15 AM - 9:45 AM
Session I: Keynote Lecture 1 — Current Approach for Left Main Bifurcation Stenting
Moderators: Shao-Liang Chen, Gregg W. Stone, Alan C. Yeung
Discussants: Haibo Jia, Chunguang Qiu, Tanveer Rab, Imad Sheiban, Yi-Da Tang, Fei Ye

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

8:25 AM - 9:00 AM
Session II: Case 1 — A Staged PCI Case of Complex LAD/D1 Bifurcation Lesion After Suboptimal Primary PCI for STEMI
Moderators: Shao-Liang Chen, Gregg W. Stone, Alan C. Yeung
Discussants: Haibo Jia, Chunguang Qiu, Tanveer Rab, Imad Sheiban, Yi-Da Tang

8:25 AM Case Introduction
Case Presenter: Li Li

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

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

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

8:41 AM Roundtable Discussion With Audience QA

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

8:57 AM Final Discussion and Take Home Messages

9:00 AM - 9:10 AM
Session III: Keynote Lecture 2 — Intracoronary Imaging Guidance for High-Risk PCI
**Keynote Lecture 2: Intracoronary Imaging Guidance for High Risk PCI**
Lecturer: Junjie Zhang

**Session IV: Case 2 — A Complex LAD CTO**
Moderators: Shao-Liang Chen, Alan C. Yeung
Discussants: Haibo Jia, Chunguang Qiu, Tanveer Rab, Imad Sheiban, Yi-Da Tang, Fei Ye

**9:10 AM - 9:45 AM**
**Case Introduction**
Case Presenter: Pengcheng He

**9:14 AM**
**How Would I Treat**
Lecturer: Jun Pu

**9:18 AM**
**How Would I Treat**
Lecturer: Yong He

**9:22 AM**
**How Would I Treat**
Lecturer: Qi Zhang

**9:26 AM**
**Roundtable Discussion With Audience QA**

**9:30 AM**
**Case Resolution: How Did I Treat This Case**
Case Presenter: Pengcheng He

**9:42 AM**
**Final Discussion and Take Home Messages**

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**HARMONIZATION BY DOING: NEW HORIZONS IN JAPAN-US SYNERGIES**

<table>
<thead>
<tr>
<th>Harmonization by Doing: New Horizons in Japan-US Synergies</th>
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<tbody>
<tr>
<td><strong>THURSDAY, SEPTEMBER 26, 2019</strong></td>
</tr>
<tr>
<td><strong>9:00 AM - 5:15 PM</strong></td>
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<tr>
<td>Room 216</td>
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</tbody>
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**9:00 AM - 9:30 AM**
**Introductory Lecture: Plenary Session**
**Moderator: Neal Fearnot, 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 Iwaishi
Discussants: 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

**10:00 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**
Panelists: Tetsuya Amano, David Erlinge, David F. Kong

**10:05 AM**
**USA View**
Lecturer: David F. Kong

**10:10 AM**
**Sweden View**
Lecturer: David Erlinge

**10:15 AM**
**Panel Discussion: Priorities for Pragmatic Progress — What Do We Need to Do**

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**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. Zuckerman
Discussants: Masato Nakamura, Roseann M. White

**11:00 AM**
**Moving From Signal Detection to Signal Discernment: 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 Yasukochi
Discussants: 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**
Industries View
Lecturer: Kazuaki Sekiguchi

**2:00 PM**
**Expectation For Utilizing Registry Data for Regulatory Use**
Lecturer: Kazuaki Sekiguchi
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 Uchida
Discussants: 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 Stoll
Discussants: 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: Yusako Nakamura

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

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

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

4:00 PM  Introduction
Lecturer: Masako Nakamura

4:31 PM  Intravascular Ultrasound Supported Endovascular Therapy in SFA Disease: 12 Month Results From the IVORY Study
Lecturer: Osamu Iida

2:38 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

JAPAN ENDOVASCULAR TREATMENT (JET) @ TCT
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

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 Goldsmith, Ben Hamda Khaldoun, José Alfredo Merino Rajme, 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
INTERNATIONAL COMPLEX CASE SESSION III: FEATURED STRUCTURAL HEART DISEASE CASES

International Complex Case Session III: Featured Structural Heart Disease Cases

Thur, Sep 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

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)

Controversies in SFA Intervention (Sponsored by CRF; Supported by Medtronic and WL Gore & Associates)

Vascular

Thu, Sep 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, Frank J. Veith
Chairs: Michael R. Jaff, Sahil A. Parikh

6:45 AM - Introduction and Session Objectives
Lecturer: Sahil A. Parikh

6:47 AM - Long Segment SFA CTO in a Claudicant
Lecturer: Brian G. DeRubertis

6:53 AM - Deciphering the FDA Guidance

6:50 AM - Introduction
Lecturer: Sahil A. Parikh

6:52 AM - Long Segment SFA CTO in a Claudicant
Lecturer: Brian G. DeRubertis

6:58 AM - Deciphering the FDA Guidance
INNOVATIVE APPROACHES TO PCI: TOOLS TO SUPPORT YOUR PATIENT CARE (SPONSORED BY ACIST MEDICAL SYSTEMS)

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

**THURSDAY, SEPTEMBER 26, 2019**

6:30 AM - 7:45 AM
Room 211

6:45 AM - 7:45 AM
Check-in & breakfast

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**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

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**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

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

**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

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

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

**Intra-Aortic 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

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**6:45 AM - 7:45 AM**
**Intra-Aortic Balloon Counterpulsation for Percutaneous Aortic Valve or Complex PCI Procedures: Award-Winning Case Presentations**

**Faculty:** Tamer Alashkar, 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 Alashkar

**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**
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
Faculty: Samir R. Kapadia, Matthias Lutz, Horst Sievert, Stephan Von Barderleben
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 Barderleben

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

7:30 AM  Panel Discussion

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 - 6:30 AM
Room 216

SUPERSSATURATED 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
Faculty: Suzanne de Waha-Thiele, E. Magnus Ohman, Richard A. Schatz, James Spears
Chairs: Gregg W. Stone

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

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 & 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
Protected PCI: A Contemporary Look at Clinical Data for Hemodynamic Support
Lecturer: Jeffrey J. Popma

7:00 AM
Discussion

7:05 AM
The Value of Complete Revascularization in a Single Setting
Lecturer: Rajan A. Patel

7:20 AM
Discussion

7:25 AM
Treating Left Ventricular Dysfunction Impact of Complete Revascularization on Ejection Fraction Improvement and Patient Quality of Life
Lecturer: Ehtisham Mahmud

7:40 AM
Discussion

7:45 AM
Adjourn

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

VIRTUE® SIROLIMUS-ELUTING BALLOON: POTENTIAL BREAKTHROUGH TREATMENT FOR CORONARY ISR (SPONSORED BY ORCHESTRA BIOMED AND TERUMO INTERVENTIONAL SYSTEMS)

Virtue® Sirolimus-Eluting Balloon: Potential Breakthrough Treatment for Coronary ISR (Sponsored by Orchestra BioMed and Terumo Interventional Systems)
**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 - 12:30 PM  
**Simplifying Complex PCI Guided by a Second-Generation Fiber-Optic Physiology Guidewire**  
Faculty: Jung-Min Ahn, Ziad A. Ali, Evan Shlofmitz, Barry F. Uretsky  
Chairs: Morton J. Kern

- **Welcome**  
  Presenter: Morton J. Kern
- **Coronary Physiology Has Evolved: Where Is It Going**  
  Presenter: Ziad A. Ali
- **Too Many Indices How to Keep It Simple**  
  Presenter: Jung-Min Ahn
- **Coronary Physiology: From Diagnosis to Treatment Confirmation**  
  Presenter: Barry F. Uretsky
- **Case Based Discussion: Rely on Simplicity for Complex PCI with Second Generation Fiber Optic**  
  Presenter: Evan Shlofmitz
- **Take Home Message**  
  Presenter: Morton J. Kern

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

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

1:00 PM - 2:00 PM  
Faculty: Megan Coylewright, Philippe Genereux, Linda D. Gillam, Sandra Lauck, Tamim M. Nazif, Amisha Patel  
Chairs: Martin B. Leon, Vinod H. Thourani

- **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
- **Predictions for a Changing Future in AS Management: Revised Guidelines Expanded TAVR Indications Shifting Referral Practices and Earlier Treatment Decisions**  
  1:15 PM
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

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COMPELLING CASES WITH ORSIRO: DELIVERING EVIDENCE (SPONSORED BY BIOTRONIK AG)

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

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

1:00 PM - 2:00 PM Compelling Cases With Orsiro: Delivering Evidence
Faculty: Juan F. Iglesias, Farouc A. Jaffer, Steven J. Yakubov
Chairs: James B. Hermiller Jr

1:00 PM Delivery 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
Discussant: James B. Hermiller Jr, Juan Fernando Iglesias, Farouc A. Jaffer, Steven J. Yakubov

1:30 PM A Personal Perspective: Why I Choose Orsiro in STEMI
Presenter: Juan Fernando Iglesias

1:38 PM Discussion and Audience Interaction
Discussant: James B. Hermiller Jr, Juan Fernando Iglesias, Farouc A. Jaffer, Steven J. Yakubov

1:43 PM Ultrathin Orsiro: Where It Can Go
Presenter: Steven J. Yakubov

1:51 PM Discussion and Audience Interaction
Discussant: James B. Hermiller Jr, Juan Fernando Iglesias, Farouc A. Jaffer, Steven J. Yakubov

1:56 PM Session Evaluation and Key Learnings
Presenter: James B. Hermiller Jr

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TAILORING TRANSCATHETER MITRAL SOLUTIONS FOR PATIENTS WITH MITRAL REGURGITATION (SPONSORED BY ABBOTT)

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

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

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TRANSFORMING DCB STRATEGY: SIROLIMUS-COATED BALLOON WITH NANOLUTE TECHNOLOGY (SPONSORED BY CONCEPT MEDICAL, INC.)

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

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: Martin B. Leon

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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 AM - 8:00 AM
Yerba Buena Ballroom 9

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

6:30 AM - 8:00 AM
Assessing the Role of Monotherapy vs. Dual Therapy
Faculty: Dominick J. Angiolillo, Usman Baber, Deepak L. Bhatt, 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 AM Welcome and Introductions
Lecturer: C. Michael Gibson, Roxana Mehran

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

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

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

7:03 AM Take Home for Clinicians
Lecturer: C. Michael Gibson

7:11 AM The Role of Antiplatelet Agents in Patients With Diabetes and Coronary Disease
Lecturer: Deepak L. Bhatt

7:19 AM COMPLETE Trial: Focus on STEMI and MVD
Lecturer: Shamir R. Mehta

7:27 AM Take Home for Clinicians: DM and STEMI
Lecturer: Dominick J. Angiolillo

7:35 AM Panel Discussion: Assessing the Role of Potent P2Y12 Inhibition

7:50 AM Final Words
Lecturer: Roxana Mehran

8:00 AM Adjourn

THE TEAM APPROACH TO CARDIAC ARREST (SPONSORED BY TANDEMLIFE AND LIVAANOVA)

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

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

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

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

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

6:55 AM A Perspective From the UK: The Current Landscape and Future Direction
Presenter: Nick Curzen

7:15 AM The HeartFlow Planner: Potential Impact on Coronary Intervention
Presenter: Robert D. Safian

7:35 AM On the Horizon: HeartFlow Sponsored Randomized Clinical Trials
Moderated Discussion and Closing
Moderators: Gregg W. Stone
Discussants: Nick Curzen, Carlos I. Mena-Hurtado, Robert D. Safian

8:00 AM Adjourn

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

ADvanced diagnostic insight, precise patient care (Sponsored by HeartFlow, Inc.)

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
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

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

7:15 PM The HeartFlow Planner: Potential Impact on Coronary Intervention
Presenter: Robert D. Safian

7:35 PM On the Horizon: HeartFlow Sponsored Randomized Clinical Trials
Moderated Discussion and Closing
Moderators: Gregg W. Stone
Discussants: Nick Curzen, Carlos I. Mena-Hurtado, Robert D. Safian

7:50 PM Final Words
Lecturer: Roxana Mehran

8:00 PM Adjourn
TCT 1000: 73yo gentleman with NSTEMI. PCI to LMCA after MDT discussion. Admitted for staged PCI to Stubborn calcified ostial RCA. Multiple NC balloon scoreflex and HSRA. IVUS revealed 360 degree calcific napkin ring not yielding. Eventually shockwave intravascular lithotripsy 4.0mm balloon with 80 pulses. Presenting Author: Ahmed Mahrous

TCT 1001: Off label Use of Peripheral Lithotripsy Device for an Undilatable Coronary Stent due to Severe Coronary Calcification Presenting Author: Christine Jee-Young Chung

TCT 1002: Successful percutaneous coronary intervention for severe calcified and tortuous functional chronic total occlusion lesionusing a novel 0.03 inch semi compliant balloon and rotational atherectomy Presenting Author: Daisuke Terashita

TCT 1003: Young man with hyperparathyroidism and subtotal heavily calcific LAD D bifurcation lesion done by rotablation Presenting Author: Mohammad Shafiq

TCT 1004: Rotational atherectomy in Patient with Acute Right Ventricular Myocardial Infarction and Cardiogenic Shock Presenting Author: Monika Durak

TCT 1005: Calcified distal left main and intravascular lithotripsy Presenting Author: Richard Chang

TCT 1006: A successful rotational atherectomy for severely tortuous and calcified lesion wit double courses in the left circumflex artery using a 5F child catheter. Presenting Author: Ryo Oyama

TCT 1007: USE OF NOVEL HIGH PRESSURE NC BALLOON FOR CALCIFIC LESIONS Presenting Author: Sachin T. Hundekari

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

TCT 1009: Stuck between a rock and a hard place Presenting Author: SAYAH NEILA

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

TCT 1011: Stentablation as a bail out for severe undere xpansion of stent due to circumferential calcium Presenting Author: Pratap Kumar

TCT 1012: Successful percutaneous extraction of an entrapped rotablation burr during CTO recanlization Presenting Author: Tobias Rheude

TCT 1466: PERCUTANEOUS RETRIEVAL OF A LOST COVERED STENT IN THE LEFT MAIN STEM AND SUCCESSFUL TREATMENT OF A CORONARY ARTERY PERFORATION Presenting Author: Niall T. Mulvihill

TCT 1013: 84 YEAR OLD Unstable angina with Calcified vessels and Ventricular Myocardial Infarction and Cardiogenic Shock Presenting Author: Mohammad Shafiq

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

TCT 1015: Changing paradigm for treatment of heavily calcified coronary artery disease: complementary role of rotational atherectomy and intra coronary lithotripsy Shock Wave angioplasty Presenting Author: Shana Tehrani

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

TCT 1017: Acute instant thrombosis in a patient who had iron deficiency anemia due to intestinal arteriovenous malformation essential thrombocytosis and acute coronary syndrome treated with bare metal stent and balloon angioplasty Presenting Author: Sayah Neila
9:15 AM - 10:45 AM
Coronary III
Discussant: Randall J. Lee, Hung Q. Ly, Sandeep Nathan, Kintur A. Sanghvi, Michael P. Savage, Sayan Sen

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

9:15 AM
TCT 1020: Coil embolisation of fistula of left internal mammary artery to pulmonaryvasculatores in unstable angina. 1 year follow up.
Presenting Author: Bartloniej 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: Bhavanadhar Penta

9:15 AM
TCT 1023: Left main intervention in STEMİ A bridge too far
Presenting Author: CHAKRABHAVI KESHAVAMURTHY

9:15 AM
TCT 1024: STEMİ: Where the Thrombus Hides
Presenting Author: Debapriya Das

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

9:15 AM
TCT 1026: Diffuse coronary spasm during diagnostic coronaryography: a rare case of Kounis syndrome.
Presenting Author: Francisco Javier Lacunza

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

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: CoronaryArteryHematomaTreated withFenestrationby Using a Wolverine Cutting Balloon
Presenting Author: Kanichi Otowa

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

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

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

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

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

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

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

9:15 AM
TCT 1037: CAGB 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
TCT 1028: From spontaneous to iatrogenic coronary artery dissections
Presenting Author: GAGAN JAIN

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: Alaide Chieffo-dupe

9:15 AM
TCT 1047: Percutaneous transjugular tricuspid valve in valve implantation for degeneratedsurgical bioprosthetic valve
Presenting Author: Alaide Chieffo-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: Manesh Parikh
CHALLENGING CASES 2

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

**THURSDAY, SEPTEMBER 26, 2019**

2:00 AM - 3:30 AM
**Hall D**

| 9:15 AM | TCT 1050: One Last Effort Transcatheter Debubling of a Bioprosthetic Tricuspid Valve Endocarditis | Presenting Author: Amir Esfami |
| 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 transseptal 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 1054: Catch of the day A report of joined forces for catching an embolized left atrial appendage device | Presenting Author: Christian Ukene |
| 9:15 AM | TCT 1055: Percutaneous left atrial appendage occlusion in the presence of thrombus | Presenting Author: Apostolos Tzikas |
| 9:15 AM | TCT 1056: Valve in Valve with Allegra Device and Left Main Stent: To Deliver or Not to Deliver. | Presenting Author: Ariana González |
| 9:15 AM | TCT 1057: The first reported case of an Evolut Pro valve useto rescue an embolized Sapien3 valve in aortic arch | Presenting Author: Ashequl Islam |
| 9:15 AM | TCT 1058: Aortic valve in valve a challenging case | Presenting Author: Manik Chopra |
| 9:15 AM | TCT 1060: Snuffbox approach for aortic stenosis | Presenting Author: Carlo Tumcsitz |
| 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 Revasculatization: A Case of ST Elevations Due to Obstruction of the Left Internal Mammary Artery During Ayllary Transcatheter Aortic Valve Implantation | Presenting Author: Clive Goulbourne |

2:00 AM | TCT 1063: Mechanical Circulatory Support for Acute Severe Prosthetic Aortic Regurgitation: A Short Term Bridge to TAVR | Presenting Author: Craig Tucker |
| 2:00 AM | TCT 1064: Successful Conservative Management of Left Ventricular Perforation During Transcatheter Aortic Valve Replacement | Presenting Author: Daniele Di Stefano |
| 2:00 AM | TCT 1065: BASILICA for a failed transcatheter balloon expandable valve | Presenting Author: Danny Dvir |
| 2:00 AM | TCT 1066: Utilizing a Goose Neck Snare to Direct a Valve in Valve TAVR | Presenting Author: David G. Rizik |
| 2:00 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**

- **Discover Anterior Wall STEMI and Post Thrombolytic Therapy Management of Anterior Wall STEMI and Post Thrombolysis in Anterior Wall STEMI**
  - **Origin of RCA from LMCA and Subsequent Coursing Between Aorta and Pulmonary Artery Trunk:** steep angles and deep dives.
  - **Presenting Author:** Bibhash R Nath MBBS MD FCSI India AMRI Salt Lake Hospital Kolkata India

- **SSO2 Therapy STEMI Case Studies**
  - **Presenting Author:** Amir Lotfi

- **A case of spontaneous dissection of LAD leading to acute anterior wall STEMI and post thrombolytic therapy management of the dissection by stenting.**
  - **Presenting Author:** Bibhash R. Nath

- **Which way is the right one**
  - **Presenting Author:** David Baghdasaryan

- **Post MI Ventricular Septal Rupture DEVICE CLOSURE**
  - **Presenting Author:** Ramakrishna ChengalRamgala Damodara

- ** 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

- **Cardiogenic shock after primary PCI**
  - **Presenting Author:** Carlos Tumcsitz
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: Roberto Rossini

2:00 PM

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

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, Yoshito 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: Abdisamad 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 VAECMO 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
Presenting Author: Luis Augusto Palma Dallan

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
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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</table>
| 2:00   | TCT 1104: Successful intravascular ultrasonogram IVUS guided percutaneous coronary intervention PCI for intramural hematoma in left main stem followed by stenting in proximal and mid left anterior descending artery/LAD in patient with multivessel disease  
Presenting Author: Seung Uk Lee |
| 2:00   | TCT 1105: Radial Access and CHIP Are They Compatible  
Presenting Author: Shahele Nasralla |
| 2:00   | TCT 1106: Extracorporeal Membrane Oxygenation Assisted Left Main Percutaneous Coronary Intervention in a High risk patient  
Presenting Author: Shahrukh Hashmani |
| 2:00   | TCT 1107: Intervention of Hemodynamically significant stenosis of a diffusely diseased coronary artery not amenable to bypass surgery  
Presenting Author: Shareez Peerbhai |
| 2:00   | TCT 1108: IVUS and Calcification Guided PCI With Minimal Contrast For LMT and LAD Lesions  
Presenting Author: Shinichiro Yamada |
| 2:00   | TCT 1110: Complete revascularization with three PCI sessions could bail the patient out of critical situation The case report  
Presenting Author: Shotu Naniwa |
| 2:00   | TCT 1111: Mission possible: a case of anomalous RCACTO  
Presenting Author: Shunming Zhu |
| 2:00   | TCT 1112: Combinedtechniqueof rotational athertectomy and intravascular lithotripsies for treatment of a very calcified coronary lesion.  
Presenting Author: Simone Muraglia |
| 2:00   | TCT 1113: LAD01 bifurcation by DK Crush Technique in acute MI setting  
Presenting Author: SM Mostofa Zaman |
| 2:00   | TCT 1109: A case of long RCA CTO lesion with double 360 loops  
Presenting Author: Shoko Doi |

**Endovascular II**


<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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</table>
| 2:00   | TCT 1103: Iliopsoas muscle pseudoaneurysm following Impella supported left main PCI in patient with cardiogenic shock  
Presenting Author: Zoran Lasic |
| 2:00   | TCT 1166: When all hope vanishes an archaic procedure revisited  
Presenting Author: Abraham Paul |
| 2:00   | TCT 1167: 3D fusion guided endovascular repair of iatrogenic common iliac artery aneurysm  
Presenting Author: Anton Khilchuk |
| 2:00   | TCT 1168: TRANSCATHETER DEVICE CLOSURE OF LARGE SINUS OF VALSALVA ANEURYSM WITH STORMY POSTOPERATIVE PERIOD.  
Presenting Author: ATUL PATIL |
| 2:00   | TCT 1169: Percutaneous Revascularization of occluded abdominal aorta and bilateral iliac disease.  
Presenting Author: Christos Christou |

**Coronary VII**


<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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| 2:00   | TCT 1170: VANISHING GRADIENTS AN UNUSUAL CASE OF TEVAR IN A YOUNG MALE WITH COARCTATION OF AORTA WITH THORACIC SACULAR ANEURYSM WITH HFREF.  
Presenting Author: DHEERAI GANDOTRA |
| 2:00   | TCT 1171: 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 Pesaran |
| 2:00   | TCT 1172: Traumatic aortic pseudoaneurysm intervention with an endovascular graft Should we or should we not  
Presenting Author: GURBHEJ SINGH |
| 2:00   | TCT 1173: Repair Of Juxtrarenal Type I Endoleak Post EVAR With Extension Of Abdominal Aortic Stent Graft And Placement Of Bilateral Renal Chimney Grafts.  
Presenting Author: Harinder K. Bali |
| 2:00   | TCT 1174: Percutaneous Exclusion of A Giant Ascending Aortic Pseudoaneurysm  
Presenting Author: Harsh Agrawal |
| 2:00   | TCT 1175: Endovascular repair of tandem saccular abdominal aortic aneurysms with fenestrated endografts amp treatment of complications at follow up.  
Presenting Author: Harsha Perla |
| 2:00   | TCT 1176: Rescue Snorkel Technique in a Giant Ruptured Thoracic Aortic Aneurysm with TEVAR Failure. A Succesful repair Case Report.  
Presenting Author: Hector Malvaez |
| 2:00   | TCT 1177: Successful EVAR for patients with anatomical unsuitable abdominal aortic aneurysm  
Presenting Author: Hun-Tae Kim |
| 2:00   | TCT 1178: Total Endovascular Repairof a Rare Caseof Type II Thoracoabdominal Aneurysmdue toTakayasu Arteritis  
Presenting Author: JENA ANUPAM |

**Transcatheter Valve Therapy**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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</table>
| 2:00   | TCT 1114: Primary PCI with a secondary shock...always expect the unexpected.  
Presenting Author: SOUMEN CHAKRABORTY |
| 2:00   | TCT 1115: Between a rock and a hard place  
Presenting Author: Sreenivasao Rao Condapally Seshasai |
| 2:00   | TCT 1116: In stent restenosis due to underexpanded stent successfully treated with IntraVascular Lithotripsys Shock wave and Drug coated balloon: OCT evaluation  
Presenting Author: Stefano Galli |
| 2:00   | TCT 1117: DEFORMED STENT FOLLOWUP  
Presenting Author: Subburaja T |
| 2:00   | TCT 1118: Post IVL complication in heavily Calcified plaque  
Presenting Author: Subramanya Upadhyaya |
| 2:00   | TCT 1119: A Stubborn Undilatable CTO  
Presenting Author: Christos Christou |
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Title</th>
<th>Presenting Author</th>
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<tbody>
<tr>
<td>2:00</td>
<td>Coronary VIII</td>
<td>TCT 1120: LMCA TO LAD Inferior wall MI Mild LV Disfunction HTN Recurrent Angina with ECG changes Severe PVD with BL Femoral Right Brachial and aortic Obstruction History of Craniootomy for SDH 15yrs ago AKlacute Kidney Injury CAG:Calcified coronaries LMCA Disease with Severe TVD PCI done with LT Radial Access</td>
<td>Surya Prakash Gulla</td>
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<td>TCT 1122: P:PCI followed by Bifurcation Lesion Treated with DK Crush</td>
<td>Tawfiq Shahriar Huq</td>
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<td>TCT 1123: Late presenting MI with a twist</td>
<td>Tora Leong</td>
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<td>TCT 1124: WHICH IS MAIN BRANCH IN LEFT MAIN BIFURCATION STENTING</td>
<td>VASUDEVA CHETTY PAKALA</td>
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<td></td>
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<td>TCT 1125: Successful PCI for Intra Stent Chronic Total Occlusion Assisted by IVUS guided Active Antegrade True Lumen Seeking Technique</td>
<td>Yi Xu</td>
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<td>TCT 1126: A Case of Both Left and Right Coronary Ostial Occlusions with Coronary Aorta Bypass Graft Failure</td>
<td>Yoshinobu Murasato</td>
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<td>TCT 1127: LAD CTG PCI: Staged Treatment</td>
<td>YOU JIEYUN</td>
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<td>TCT 1128: Extremely unusual complication: Aortic perforation in a young CTO patient</td>
<td>Berglind Libungan</td>
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<td>TCT 1584: A Tough Nut</td>
<td>Naeema Ginwala-Hasan</td>
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<td>2:00</td>
<td>Coronary VIII</td>
<td>TCT 1130: MULTIPLE UNEXPECTED TRAGEDIES TO TACKLE IN SINGLE INTERVENTION</td>
<td>bhovidra ramkumar</td>
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<td>TCT 1131: Bail Out of A Disaster by A Broken Stent Delivery Catheter Stuck in Proximal Left Anterior Coronary Artery</td>
<td>Bong-Ki Lee</td>
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<td>TCT 1132: Tackling a tight loop in right brachial artery: A nightmare</td>
<td>C M Shaheen Kabir</td>
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<td>TCT 1133: Broken Wire Retrieve During RCA CTO Recanalization</td>
<td>Cheng-Yen Chuang</td>
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<td>TCT 1134: Management of a complication during Rotational Atherectomy</td>
<td>Christian Backhouse</td>
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<td>TCT 1135: How long can a stent be or how long can a stent be stretched</td>
<td>Davide Sala</td>
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<td>TCT 1136: Longitudinal stent compression of proximal RCA</td>
<td>Sunil V. Rao</td>
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<td>2:00</td>
<td>Coronary VIII</td>
<td>TCT 1137: Making a brand new start of the last occluded artery</td>
<td>Dmitriy Ognerubov</td>
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<td>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</td>
<td>Fabio Augusto Pinton</td>
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<td>TCT 1140: Nightmare Never Comes Alone</td>
<td>Farhana Ahmed</td>
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<td>TCT 1141: A Case of Stent Deployment into an Iatrogenic Dissection</td>
<td>Fiorella Llanos-Checa</td>
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<td>TCT 1143: A midsummer night... mare</td>
<td>Francesco Cassano</td>
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<td>TCT 1330: Emergent Distal Vessel Re entry Technique for Iatrogenic Coronary Artery Dissection</td>
<td>Anthony Ea</td>
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</table>

Coronary IX

Discussant: Mauro Carlino, Angela Hoye, Adam Janas, Michael C. Kim, Lloyd W. Klein, Bernardo Kremer Diniz Gonçalves, Sampath Kumar, Joo Myung Lee

- TCT 1144: Involuntary Grenadoplasting during calcific LAD PCI resulting in Intramural Hematoma of trifurcated Left Main | Francesco Lavarr

- TCT 1145: BAIL OUT EXPANDED STENT IMPLANTATION IN ACUTE LEFT MAIN DISSECTION TREATED WITH INTRA CORONARY LITHOTRIPSY: A CASE REPORT | Gabriele Tumminella

- TCT 1146: A novel approach for percutaneous retrieval of entrapped broken balloon catheter | Gehi Abdulla

- TCT 1147: Case report Complication | Georgios Triantis

- TCT 1148: Coronary Atherectomy Perforation Loss of Pulsatile Arterial Flow and Successful Percutaneous Treatment: When Impella Support Prevents Catastrophe | Graham Peigh

- TCT 1149: Successful retrieval of a migrated coronary stent floating in the ascending aorta | Hyunsu Kim

- TCT 1150: Stent dislodgement during right coronary artery intervention | I Made Junior Rina Artha

- TCT 1151: Management of Mycotic aneurysm of LAD a very rare post PCI complication | Imran Ifikhar

- TCT 1152: Intracranial Bleed Rare and Forgotten Complication of PCI | Imran Tarrar

- TCT 1153: Dont Discount The Side Branch Right Ventricular Branch amp Side Branch Occlusions Following Percutaneous Coronary Intervention Complicated by Isolated Right Ventricular Infarct Leading to Right Ventricular Failure amp Cardiogenic Shock that was Rescued with Temporary RVAD Support | Imran Ifikhar
2:00 PM - 3:30 PM

Coronary X

Discussant: Costantino Del Giudice, Roger Gammon, Jon C. George, Scott Geraghty, Karthik R. Gujja, Sanjiv Lakhanpal, Jun Nakazato, Alexander Nikanorov, Kazuo Shimamura, Akhilesh K. Sista

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 jaled 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: Jason Wen

2:00 PM  TCT 1162: Restoring valve competency with mechanical thrombectomy for deep vein thrombosis
Presenting Author: Thomas M. Tu

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

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

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

2:00 PM - 3:30 PM

Structural III

Discussant: Peter C. Block, Matjaz Bunc, Saib Khogali, Jamie Kim, Antoine Lafont, Jonathan A. Leipsic, Reginald I. Low, Issam D. Moussa, Christoph A. Nienaber, Mark Osten, Jai-Wun Park, Ruth M. Starzyk, 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 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: Venous arterial pulmonary connection as an alternative to venous 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: juan M. valle raleigh

2:00 PM  TCT 1187: Successful bailout of ventricular septal defect after transcatheter aortic valve implantation by a second prostheses valve implantation
Presenting Author: Kazuma Yamasaki

2:00 PM  TCT 1189: The Use of TAVR in TAVR Upsizing for Bioprosthetic Valve Stenosis in a High Risk Patient
Presenting Author: keem Patel

2:00 PM  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

2:00 PM  TCT 1191: Shall I deploy the stent
Presenting Author: KL Chui

2:00 PM  TCT 1192: When the Valve Folds In Instead of Popping Out: A Challenging TAVR Implant
Presenting Author: Laurie Bossory

2:00 PM  TCT 1193: Old meets new. Valve in valve TAVI for the Enable dysfunction first in human sutureless aortic valve.
Presenting Author: Magdalena Bryndza

2:00 PM  TCT 1194: Antegrade transvenous transseptal wiring of a degenerated Mitroflow bioprosthesis which could not be crossed retrogradely for deep vein thrombosis
Presenting Author: Amir Naderi
2:00 AM - 3:30 AM
**Structural IV**

- **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 Enriquez

- **TCT 1197**: Transaxillar Valve in valve VIVTranscatheter Aortic Valve Replacement 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 Kaj

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

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

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

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

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

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

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

- **TCT 1206**: Mitral valve in a patient with bioprosthetic mitral valve infective endocarditis using Emboliner vascular protection.
  - 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**: treatment of paravalvular leak of mechanical mitral valve due to apical approach after failure of doing intraatrial septum puncture due to very thick ias as patient had 5 th valve redos so percutaneous direct apical puncture under xray guidance
  - Presenting Author: Hirotsugu Mitsuhashi

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**POSTER ABSTRACTS I**

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

**THURSDAY, SEPTEMBER 26, 2019**

9:15 AM - 10:45 AM
**Hall D**

- **TCT 850**: Nonagenarians and Myocardial Infarction with ST Elevation: Incidence Management and Outcomes.
  - Presenting Author: Eduardo Flores

- **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 Jia

- **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

9:15 AM - 10:45 AM
**Coronary II**

Discussant: Tiziana Claudio Aranzulla, Sukhdeep Singh Basra, Otavio Berwanger, Patricia J. Best, Prathop Kumar

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

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

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 DES
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 870: 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

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

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 Axillary Artery Access following Intra Aortic Balloon Pump IABP Insertion
Presenting Author: Michael Divitz

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

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

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 Tehran

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 Leong 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

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

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

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

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

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

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

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

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

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

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

9:15 AM
TCT 892: Safety and Performance of Everolimus eluting Stents Comprising of Biodegradable Polymers With Ultra thin Stent Platforms
Presenting Author: RAGHAVA SARMA POLAVARAPU

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

9:15 AM - 10:45 AM
Structural and Vascular I

9:15 AM
TCT 899: Transcatheter Aortic Valve Replacement in Low risk Patients: a Meta analysis of Randomized Controlled Trials
Presenting Author: Ahmad Al-Abdouh

9:15 AM
TCT 900: Quantification of True Lumen Helicity in Type B Dissections
Presenting Author: Johan Bondesson

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 916: The Late Response to Renal Denervation in Patients With Suspected Secondary Aldosteronism
Presenting Author: Ying-Hsiang Lee

9:15 AM
TCT 917: In hospital Outcomes and Trends of Intra aortic Balloon Pump and Percutaneous Ventricular Assist Device Use in Patients with Peripheral Artery Disease
Presenting Author: Homam Moussa Pacha

9:15 AM
TCT 918: MicroNET Covered Self Expandable STent in High Risk Vascular Lesions Beyond The Carotid bifurcation: TheEXTRA GUARD Study
Presenting Author: Piotr Musialek

9:15 AM
TCT 919: Directional Atherectomy Versus Optical Coherence Tomography Guided Directional Atherectomy in the Lower Extremities
Presenting Author: Mital Patel

9:15 AM
Presenting Author: Jean-François Dorval

9:15 AM - 10:45 AM
Structural I
Discussant: John P. Breinholt, Jan Harnek, Massimo Napodano, Katia Orvin, Neil Sawlani, Ruth M. Starzyk

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 Seenivasan

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 Adiroju, Matjaz Bunc, Vijay Iyer, Saib Khogali, Edward J. McNulty

9:15 AM  
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 LUZ 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: Mario Cafè

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

9:15 AM  
TCT 911: Comparison of Clinical Events of Two New Generation Supra annular Self expanding Transcatheter Aortic Valves Allegra versus ACURATE neo.  
Presenting Author: Ariana González

9:15 AM  
TCT 912: Prognostic Impact of the Clinical Frailty Scale after Balloon Aortic Valvuloplasty  
Presenting Author: TOMOYO HAMANA

9:15 AM  
TCT 913: Experience of Implantation of New Generation Self expandable Transcatheter Aortic Valve Implantation in Patients with Low Surgical Risk.  
Presenting Author: Harol Hernandez

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
8:00 AM - 9:30 AM
Abbott Pavilion

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 - 8:20 AM
Virtual Reality: Interactive OCT Session

8:20 AM - 8:20 AM
OCT Workstation: Measurements Assessments and Procedure Planning

8:20 AM - 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

THE IMPACT OF DESIGN ON CORONARY GUIDEWIRE PERFORMANCE: A HANDS-ON EXPERIENCE

THURSDAY, SEPTEMBER 26, 2019
4:00 PM - 5:30 PM
Abbott Pavilion

12:00 PM - 12:20 PM
Introduction: Access Planning and Management of Complications Review
Training Pavilion Faculty: Adhir Shroff, Rajeev Tayal

12:20 PM - 1:30 PM
Hands-On Device Deployment
Training Pavilion Faculty: Adhir Shroff, Rajeev Tayal

OPTIMIZING PCI: WHEN TO USE WHAT IN CORONARY PHYSIOLOGY AND IMAGING - CASE REVIEW AND HANDS-ON

THURSDAY, SEPTEMBER 26, 2019
8:00 AM - 9:30 AM
Boston Scientific 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 Paladaliya, Evan Shlofmitz, Catalin Toma dupe, Armando Vergara-Martel, Elder Zago

2:20 PM - 3:30 PM
Hands-On Sessions

8:00 AM - 8:30 AM
Introduction
Training Pavilion Faculty: Yiannis S. Chatzizisis, Allen Jeremias, Arnold Seto

THURSDAY, SEPTEMBER 26, 2019
8:00 AM - 9:30 AM
Boston Scientific Pavilion

Now That I See It, I Know How To Treat It!: A HANDS-ON OCT SKILLS LAB

THURSDAY, SEPTEMBER 26, 2019
2:00 PM - 3:30 PM
Abbott Pavilion

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: Valve/Vascular

THURSDAY, SEPTEMBER 26, 2019
12:00 PM - 1:30 PM
Abbott Pavilion

12:00 PM - 12:20 PM
Introduction: Access Planning and Management of Complications Review
Training Pavilion Faculty: Adhir Shroff, Rajeev Tayal

12:20 PM - 1:30 PM
Hands-On Device Deployment
Training Pavilion Faculty: Adhir Shroff, Rajeev Tayal

THE IMPACT OF DESIGN ON CORONARY GUIDEWIRE PERFORMANCE: A HANDS-ON EXPERIENCE

Coronary: CHIP
Coronary: Core

THURSDAY, SEPTEMBER 26, 2019
4:00 PM - 5:30 PM
Abbott Pavilion

4:00 PM - 5:30 PM
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 Support Speciality wires Overview and Hands on Activity

5:10 PM
TurnTrac Wire Overview and Hands on Activity

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 Paladaliya, Evan Shlofmitz, Catalin Toma dupe, Armando Vergara-Martel, Elder Zago

2:20 PM - 3:30 PM
Hands-On Sessions
ROTAPRO™ FOR PLAQUE MODIFICATION AND VESSEL PREP

**ROTAPRO™ for Plaque Modification and Vessel Prep**
Coronary: Core

**THURSDAY, SEPTEMBER 26, 2019**
10:00 am - 11:30 am
Boston Scientific Pavilion

- **10:00 am** - **10:05 am** | Introduction
- **10:05 am** - **10:35 am** | ROTAPRO Rotational Atherectomy System: 25 Years of Proven Clinical Safety and Efficacy
- **10:35 am** - **11:30 am** | Hands On Rotations

PROTECTED TAVR: AN INTERACTIVE EXPERIENCE WITH SENTINEL CEREBRAL PROTECTION SYSTEM

**Protected TAVR: An Interactive Experience with Sentinel Cerebral Protection System**
Structural: Valve

**THURSDAY, SEPTEMBER 26, 2019**
4:00 pm - 5:30 pm
Boston Scientific Pavilion

- **4:00 pm** - **4:05 pm** | Introduction
- **4:05 pm** - **4:45 pm** | Data Overview Patient Examples and Overview of Available Patient Education Tools
- **4:45 pm** - **5:30 pm** | 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** - **12:05 pm** | Introduction
- **12:05 pm** - **12:35 pm** | CTO: Teaching Old Dogs New Techniques
- **12:35 pm** - **1:30 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** - **2:05 pm** | Introduction
- **2:05 pm** - **2:45 pm** | A Journey Through the Care Continuum
- **2:45 pm** - **3:30 pm** | Rotation 1: Simulation and Imaging Hands On
TAVR FOUNDATIONS FOR THE NEW-TO-TAVR IMPLANTER

TAVR Foundations for the New-to-TAVR Implanter
Training Pavilion Faculty: George S. Chrysant

THURSDAY, SEPTEMBER 26, 2019
10:00 am - 11:30 am
Medtronic Pavilion

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?
Vascular

THURSDAY, SEPTEMBER 26, 2019
12:00 pm - 1:30 pm
Medtronic Pavilion

12:00 pm  Update on the SPYRAL HTN Program
12:20 pm  Real World Data in Renal Denervation
12:40 pm  Audience Interaction and Discussion
12:50 pm  Latest Advances in RDN Procedure
1:00 pm  Hands On With RDN

CTO PCI: CASE REVIEWS FOCUSING ON PROCEDURAL PLANNING, DEVICE SELECTION AND TECHNICAL APPROACHES

CTO PCI: Case Reviews Focusing on Procedural Planning, Device Selection and Technical Approaches
Coronary: CHIP

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)

Bifurcation PCI: A Step-by-Step Training Approach (Visible Heart)
Coronary: CHIP

THURSDAY, SEPTEMBER 26, 2019
4:00 pm - 5:30 pm
Medtronic Pavilion

4:00 pm  Introduction
4:05 pm  Bifurcation Techniques With Integrated Visible Heart Laboratories Footage
4:45 pm  Hands On Simulation

ACCESS AND CLOSURE FOR LARGE BORE DEVICES

Access and Closure for Large Bore Devices
Structural: Valve

THURSDAY, SEPTEMBER 26, 2019
8:00 am - 9:30 am
CRF Pavilion 1
### Access and Closure for Large Bore Devices

**Training Pavilion Faculty:** Amir Kaki, Adhir Shroff, Rajeev Tayal

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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<tbody>
<tr>
<td>8:10</td>
<td>Insertion with Impella Trainer</td>
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<td>8:10</td>
<td>Ultrasound Siemens</td>
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<td>8:10</td>
<td>Closure Manta</td>
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<td>8:10</td>
<td>Access Shockwave</td>
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### Support Devices for High Risk PCI: Lessons from TEACH

**Training Pavilion Faculty:** Mir Babar Basir, Michael J. Lim, Alexander George Truesdell

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<td>Didactic Session</td>
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### Support Devices for Cardiogenic Shock: Lessons from TEACH

**Training Pavilion Faculty:** Mir Babar Basir, Michael J. Lim, Alexander George Truesdell

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MULTIMODALITY IMAGING FOR TRANSSEPTAL CROSSING AND LAAC

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<tr>
<td>12:10 PM</td>
<td>Instructional Video</td>
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<tr>
<td>12:20 PM</td>
<td>The Role of 4D Volume ICE for Transseptal Crossing</td>
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<tr>
<td>12:30 PM</td>
<td>Hands On Education: Rotations Through Simulators</td>
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IMAGING FOR THE FORGOTTEN VALVE: TECHNIQUES FOR VISUALIZING THE TRICUSPID

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MULTIMODALITY IMAGING FOR TRANSSEPTAL CROSSING AND LAAC

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IMAGING FOR THE FORGOTTEN VALVE: TECHNIQUES FOR VISUALIZING THE TRICUSPID

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<td>Imaging for the Forgotten Valve: Techniques for Visualizing the Tricuspid</td>
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10:00 AM - 11:30 AM
Imaging for the Forgotten Valve: Techniques for Visualizing the Tricuspid
MULTIMODALITY IMAGING FOR TRANSSEPTAL CROSSING AND LAAC

Role of 4D Volume ICE for Visualization
Hands On Education: Rotations Through Simulators

THURSDAY, SEPTEMBER 26, 2019
4:00 PM - 5:30 PM
CRF Pavilion 2

Multimodality Imaging for Transseptal Crossing and LAAC
Training Pavilion Faculty: Robert Burke, Paul D. Mahoney, Brij Maini

4:00 PM Introduction
4:10 PM Step by Step Technique
4:20 PM Instructional Video
4:30 PM The Role of 4D Volume ICE for Transseptal Crossing
4:30 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

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

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

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 - 9:30 AM
Advancing Alternative Access for the Treatment of PAD and CLI
Training Pavilion Faculty: Ankur Lodha, Amit Srivastava

8:00 AM Introduction and Faculty Review
8:20 AM Hands On Rotations
9:20 AM Debrief

2:00 AM - 3:30 AM
Complications Management in PCI Interventions
Training Pavilion Faculty: Amir Kaki, Shunsuke Matsuno, Hidetaka Nishina, Binita Shah

2:00 AM Introduction
2:05 AM Simulation Stations

4:00 AM - 5:30 AM
Complications Management in PCI Interventions
Coronary: CHIP
Coronary: Core

THURSDAY, SEPTEMBER 26, 2019
4:00 AM - 5:30 AM
CRF Pavilion 3

2:00 AM - 3:30 AM
Complications Management in PCI Interventions
Training Pavilion Faculty: Amir Kaki, Shunsuke Matsuno, Hidetaka Nishina, Binita Shah

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4:00 AM - 5:30 AM
Complications Management in PCI Interventions
Coronary: CHIP
Coronary: Core

THURSDAY, SEPTEMBER 26, 2019
4:00 AM - 5:30 AM
CRF Pavilion 3
ASSESSMENT OF PATIENTS WITH AORTIC STENOSIS OR AORTIC INSUFFICIENCY - 1

Assessment of Patients With Aortic Stenosis or Aortic Insufficiency - 1

Structural: Valve

THURSDAY, SEPTEMBER 26, 2019
9:30 AM - 10:30 AM
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: Han-bit Park

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: Masaru Kuroda

10:17 AM Discussion

10:20 AM TCT 345: Impact of Myocardial Bridging on Long Term Outcomes After Heart Transplantation: Risk Stratification With IVUS Determined Anatomical Properties
Presenting Author: Kozo Okada

10:27 AM Discussion

NATURAL HISTORY AND MANAGEMENT OF MITRAL AND TRICUSPID VALVE DISEASE - 1

Natural History and Management of Mitral and Tricuspid Valve Disease - 1

Structural: Valve
THURSDAY, SEPTEMBER 26, 2019
9:30 AM - 10:30 AM
Moderated Posters 1

9:30 AM - 10:30 AM
Natural History and Management of Mitral and Tricuspid Valve Disease - 1
Moderators: Robert J. Lederman, Frederick G. St. Goar
Discussants: Brunilda Alushi, Paolo Denti, Doff B. McElhinney, Murali Padala, Anupama Shivaraju, Robert L. Smith

9:30 AM
TCT 430: Comparison of Tricuspid Annulus Measurements By 2D Transthoracic and Transesophageal Echocardiography and 3D Automated Transesophageal Echocardiography with CT Annulus Measurements in Patients with Severe Tricuspid Regurgitation Being Evaluated for Transcatheter Intervention
Presenting Author: Shawn Reginauld

9:37 AM
Discussion

9:40 AM
TCT 431: Impact of Tricuspid Regurgitation on TAVR Patient Outcomes
Presenting Author: Stephan Haussig

9:47 AM
Discussion

9:50 AM
TCT 432: The Economic Impact of Clinically Significant Tricuspid Regurgitation
Presenting Author: Patrick Verta

9:57 AM
Discussion

10:00 AM
TCT 433: Redo Mitral Valve Replacement Versus Transcatheter Mitral Valve in Ring in Patients With Failed Mitral Valve Repair: A Single Center Experience
Presenting Author: Philipp Kiefer

10:07 AM
Discussion

10:10 AM
TCT 434: Venous Thromboembolism in Patients Undergoing Transcatheter Mitral Valve Replacement: Analysis of the National Inpatient Sample Databases
Presenting Author: Juan Del Cid Fratti

10:17 AM
Discussion

10:20 AM
TCT 435: LVOT Obstruction Cannot Be Reliably Predicted by the Swine Model Testing of Transcatheter Mitral Valve Replacement TMVR Technologies
Presenting Author: Marco Ferrone

10:27 AM
Discussion

OUTCOMES AFTER PRIMARY PCI - 1

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 Descents in Patients Undergoing Primary Angioplasty
Presenting Author: Alfredo Redondo Dieguez

9:47 AM
Discussion

9:50 AM
TCT 485: Does the Time of Day of Primary PCI Influence Infarct Size and Prognosis in Patients With Acute STEMI Analysis From an Individual Patient Data Pooled Database of Randomized Trials
Presenting Author: Shmuel Chen

9:57 AM
Discussion

10:00 AM
TCT 486: Critical Role of Stakeholders in STEMI Networks
Presenting Author: Sameer Mehta

10:07 AM
Discussion

10:10 AM
TCT 487: Heart Failure in ST Segment Elevation Myocardial Infarction Predictors and Prognostic Impact: Insights From the TOTAL Trial
Presenting Author: Elie Akl

10:17 AM
Discussion

10:20 AM
TCT 488: Time to Telemedicine Diagnosis TTD a New Metric in STEMI Interventions
Presenting Author: Sameer Mehta

10:27 AM
Discussion

REVASCULARIZATION IN PATIENTS WITH DIABETES - 1

9:30 AM - 10:30 AM
Revascularization in Patients With Diabetes - 1
Moderators: Waleed El Awady, James Flaherty
Discussants: Norman E. Lepor, Ahmed Magdy, Duk-Woo Park, Anand Prasad

9:30 AM
TCT 627: Novel Sirolimus Eluting Stent With Fusion Coating Technology to Address the Diabetes Issue: Two Year Results of the en ABL e Registry
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

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: POOTHINENI 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

TCT 639: Early Invasive Versus Initial Conservative Management Among Older Patients With Non ST Elevation Acute Coronary Syndrome
Presenting Author: Qais Radaideh

TCT 640: Clinical Outcomes After Percutaneous Coronary Intervention in Very Old Patients With Acute Coronary Syndrome: An Analysis From Interventional Cardiology Research Incooperation Society Drug Eluting Stents IRIS DES Registry
Presenting Author: Sangwoo Park

TCT 641: Comparison of Long Term Outcomes of Medical Therapy and Successful Recanalization for Coronary Chronic Total Occlusions in Elderly Patients
Presenting Author: Lei Guo

TCT 642: PARIS Risk Score Stratified Analysis of Clinical Outcomes Among Elderly Patients Aged 75 Years Treated With 23 Month Ticagrelor Monotherapy Following1 Month DAPT After PCI in the GLOBAL LEADERS Trial
Presenting Author: Mariusz Tomaniak

TCT 643: The Appropriate Duration of Dual Antiplatelet Therapy for Elderly Patients Treated With Percutaneous Coronary Intervention
Presenting Author: Hiroyoshi Yokoi

TCT 644: The Effects of Frailty on Mortality and Complications Following Percutaneous Coronary Interventions
Presenting Author: Josef Madrigal

STROKE AND STROKE PREVENTION

Moderated Posters 3
9:30 am - 10:30 am
Stroke and Stroke Prevention
Moderators: Alex Chebl, David R. Holmes Jr.Discussants: J. Michael Bacharach, Jan Kovac

TCT 667: Role of the Type of Carotid Stent and Cerebral Protection on Cerebral Microembolizaton During Carotid Artery Stenting: A Randomized Study Comparing Wallstent vs. Roadsaver Stent and Distal vs. Proximal Cerebral Protection
Presenting Author: Stefano Galli

TCT 668: Computational Fluid Dynamics Study of a Novel Embolic Protection Device
Presenting Author: Udi Nussinovitch

TCT 669: Predictors of the Long Term Antihypertensive Effect of Carotid Artery Stenting
Presenting Author: Firdavs B. Shukurov
10:00 AM TCT 670: Worse Prognosis in Old Thrombi Related Large Vessel Occlusion Stroke
Presenting Author: Martijn Meuwissen

10:07 AM Discussion

10:10 AM TCT 671: The Results of Endovascular Treatment in Patients With Ischemic Stroke Both Older and Younger Than 70 Years
Presenting Author: Andrey Sidorenko

10:17 AM Discussion

10:20 AM TCT 672: Usefulness of Soluble ST2 in Evaluating Severity of Cerebral Cardiac Syndrome
Presenting Author: Pei-Hsun Sung

10:27 AM Discussion

VASCULAR ACCESS AND CLOSURE IN PCI - 1

Vascular Access and Closure in PCI - 1

Coronary: Core

THURSDAY, SEPTEMBER 26, 2019
9:30 AM - 10:30 AM
Moderated Posters 6

9:30 AM - 10:30 AM Vascular Access and Closure in PCI - 1
Moderators: Robert J. Applegate, Christopher J. CooperDiscussants: Sanjay Kumar Chugh, Ian C. Gilchrist, Steven Goldberg

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: Courtney Walsh Krathen

9:47 AM Discussion

9:50 AM TCT 779: An Updated Meta Analysis of Radial vs. Femoral Access for Percutaneous Intervention in the Context of Aggressive Bleeding Avoidance Strategies
Presenting Author: Kirstin Hesterberg

9:57 AM Discussion

10:00 AM TCT 780: Randomized Comparison of Hemostasis Times Following Transradial Access With a Kaolin Based Hemostatic Pad QuikClot Radial vs. Mechanical Compression TR Band
Presenting Author: Jonathan Roberts

10:07 AM Discussion

10:10 AM TCT 781: The Quest for a Radial Lounge: StatSeal Reduces Transradial Coronary Angiography Turnaround Time and Cost

10:17 AM Discussion

BIORESORBABLE SCAFFOLDS - 1

Bioresorbable Scaffolds - 1

Coronary: Core

THURSDAY, SEPTEMBER 26, 2019
10:30 AM - 11:20 AM
Moderated Posters 2

10:30 AM - 11:20 AM Bioresorbable Scaffolds - 1

10:30 AM TCT 164: Clinical Outcomes at 3 Years of the Absorb Bioresorbable Vascular Scaffold Versus XIENCE Drug Eluting Metallic Stent in Patients With or Without Acute Coronary Syndrome AIDA Trial Substudy
Presenting Author: Ruben Tijssen

10:37 AM Discussion

10:40 AM 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

10:47 AM Discussion

10:50 AM 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

10:57 AM Discussion

11:00 AM 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

11:07 AM Discussion

11:10 AM TCT 169: Early Scaffold Strut Coverage in Ultra High Molecular Weight Amorphous PLLA Sirolimus Eluting Bioresorbable Scaffolds: Impact of Strut Thickness Assessed in Normal Porcine Coronary Arteries
Presenting Author: Pawel P. Gasior

11:17 AM Discussion

DRUG-ELUTING STENT STUDIES - 1
Drug-Eluting Stent Studies - 1

Moderators: J. Dawn Abbott, Andrea Abizaid
Discussants: Joseph P. Carrozza Jr, Eliano Pio Navarese, Kyung Woo (KW) Park

EXCEL Trial Clinical Substudies - 1

Moderators: Magdy Abdelhamid
Discussants: Sorin J. Brener, Pawel E. Buszman

Imaging-Derived Physiologic Lesion Assessment - 1

EXCEL Trial Clinical Substudies - 1

Moderators: Elmir Omerovic, Miodrag C. Ostojic
Discussants: Robert D. Safian, Arnold Seto, Daniel I. Simon, Eric Van Belle

TCT 276: Individual Patient Data Analysis of the BIOFLOW Study Program Comparing Safety and Efficacy of a Biodegradable Polymer Sirolimus Eluting Stent to a Durable Polymer Everolimus Eluting Stent
Presenting Author: Gert Richardt

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

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

TCT 282: 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 283: Vascular Closure Device Use After PCI for Left Main Disease: Analysis From the EXCEL Trial
Presenting Author: Toshiki Kuno

TCT 284: Impact of Periprocedural Major Adverse Events After PCI and CABG on Long Term Outcomes in Patients With Left Main Disease: The EXCEL Trial
Presenting Author: Sneha Jain

TCT 285: Incidence and Clinical Impact of Major Infections Following PCI or CABG for Left Main Disease: Insights From the EXCEL Trial
Presenting Author: Rodrigo Modolo

TCT 286: Outcomes in Patients With Peripheral Vascular Disease After PCI Versus CABG for Left Main Coronary Artery Disease: A Substudy From the EXCEL Trial
Presenting Author: Bimmer E. Claessen

TCT 287: Four Year Clinical Outcomes in High Bleeding Risk Patients After Surgical or Percutaneous Left Main Coronary Artery Revascularization: The EXCEL Trial
Presenting Author: Masahiko Noguchi

TCT 288: Angiography Derived Contrast Fractional Flow Reserve From a Specially Designed Computational Fluid Dynamic Method
LARGE-BORE VASCULAR ACCESS AND CLOSURE

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 - 2

Moderators: Karl-Heinz Kuck, Francesco Saia
Discussants: Alexander Lauten, Helge Möllmann, Luigi Salemme

10:30 am

TCT 436: Transcatheter Versus Surgical Mitral Valve Repair in Patients With Prior CABG: A Nationwide Analysis
Presenting Author: Syed Zaid

10:37 am

TCT 437: Characteristics and Outcomes of Patients With Normal Left Atrial Pressure Undergoing Transcatheter Mitral Valve Repair
Presenting Author: Jason Sims

10:47 am

TCT 438: Prognosis of MitraClip Combined With Optimal Medical Therapy vs. Optimal Medical Therapy Alone in the Treatment of Functional Mitral Regurgitation: A Meta Analysis of Randomized Controlled Trials and Propensity Score Matching Cohorts
Presenting Author: Minase Hamada

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
Presenting Author: Andreas Norbert Meissner

11:07 am

Discussion

11:10 am

TCT 368: Axillary Artery Access in the Setting of Cardiogenic Shock and Severe Peripheral Arterial Disease
Presenting Author: M Chadi Alraies

11:17 am

Discussion

11:20 am

TCT 369: Efficacy and Safety of Figure of Eight Suture vs. Manual Pressure for Venous Access Closure: A Meta Analysis
Presenting Author: Mark Terence Mujer

11:27 am

Discussion

NATURAL HISTORY AND MANAGEMENT OF MITRAL AND TRICUSPID VALVE DISEASE - 2

10:30 am

TCT 434: Transcatheter Versus Surgical Mitral Valve Repair in Patients With Prior CABG: A Nationwide Analysis
Presenting Author: Syed Zaid

10:37 am

TCT 435: 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
PRESENTATION 1: OUTCOMES AFTER PRIMARY PCI - 2

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Outcomes After Primary PCI - 2

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10:30 AM - 11:30 AM
Moderated Posters 7

Outcomes After Primary PCI - 2

Moderators: Michael Kang-Yin Lee, Renato D. Lopes
Discussants: Sameer Mehta

10:30 AM TCT 489: Base Camp to Mount Everest Milestones in Advancing a Single Lead for STEMI Detection
Presenting Author: Sameer Mehta

10:37 AM Discussion

10:40 AM TCT 490: Myocardial Infarction Due to Acute Left Circumflex LCx Occlusion: Electrocardiographic Parameters Infarct Size Reperfusion Delay Average Hospital Stay and Cardiovascular Mortality
Presenting Author: IGNACIO SANCHEZ PEREZ

10:47 AM Discussion

10:50 AM TCT 491: A Novel Risk Score to Predict 24 Month Postdischarge Death for Patients With Non ST Segment Elevation Myocardial Infarction
Presenting Author: Guofeng Gao

10:57 AM Discussion

11:00 AM TCT 492: Impact of Hemoglobin Concentration on Infarct Size in Patients With STEMI Undergoing PCI: Patient Level Pooled Analysis From Two Randomized Trials
Presenting Author: Fotis Gkargkoulas

11:07 AM Discussion

11:10 AM TCT 493: Epidemiology of In Hospital Cardiac Arrest Complicating Non ST Elevation Myocardial Infarction Receiving Early Coronary Angiography

11:17 AM Discussion

PACEMAKERS AND CONDUCTION ABNORMALITIES IN PATIENTS WITH TAVR - 1

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Pacemakers and Conduction Abnormalities in Patients With TAVR - 1

THURSDAY, SEPTEMBER 26, 2019
10:30 AM - 11:20 AM
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Pacemakers and Conduction Abnormalities in Patients With TAVR - 1

Moderators: Ho-Shoo Kim, Philippe Pibarot
Discussants: Tomasz Jadczyk, Patricia Keegan, David W.M. Muller, Matias Sztajfman

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 Alfons 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

BIORESORBABLE SCAFFOLDS - 2
11:30 AM - 12:30 PM  
**Moderated Posters 2**

**Bioresorbable Scaffolds**

**Moderators:** Olivier F. Bertrand, Bill D. Gogas  
**Discussants:** Stephen P. Hoole, Detlef G. Mathey

**11:30 AM**  
**TCT 170:** Endothelial Shear Stress and Vascular Remodeling in Bioresorbable Scaffold and Metallic Stent  
*Presenting Author: ERHAN TENKECIOGLU*

**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 TENKECIOGLU*

**11:57 AM**  
**Discussion**

**12:00 PM**  
**TCT 173:** The ABSORB III and ABSORB Japan Trials: Final Intravascular Ultrasound Results  
*Presenting Author: Yasuhiro Honda*

**12:07 PM**  
**Discussion**

**12:10 PM**  
**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 PM**  
**Discussion**

**12:20 PM**  
**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 PM**  
**Discussion**

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**EXCEL TRIAL CLINICAL SUBSTUDIES - 2**

**Moderated Posters 1**

**Natural History and Management of Mitral and Tricuspid Valve Disease - 3**

**EXCEL Trial Clinical Substudies - 2**

**Coronary: CHIP**

**THURSDAY, SEPTEMBER 26, 2019**  
**11:30 AM - 12:30 PM**  
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**EXCEL Trial Clinical Substudies - 2**

**Coronary: CHIP**

**11:30 AM - 12:30 AM**  
**Moderated Posters 1**

**NATURAL HISTORY AND MANAGEMENT OF MITRAL AND TRICUSPID VALVE DISEASE - 3**

**THURSDAY, SEPTEMBER 26, 2019**  
**11:30 AM - 12:20 PM**  
**Moderated Posters 6**

**Natural History and Management of Mitral and Tricuspid Valve Disease - 3**

**Structural: Valve**

**11:30 AM - 12:20 AM**  
**Moderated Posters 1**

**Natural History and Management of Mitral and Tricuspid Valve Disease - 3**

**Moderaors:** Scott Lim, Igor F. Palacios  
**Discussants:** Stephen H. Little, David W.M. Muller
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 PM TCT 446: Sex Related Differences in In Hospital Outcomes of Transcatheter Mitral Valve Repair: Perspectives From a National Database  
Presenting Author: Ayman Elbadawi

12:07 PM Discussion

12:10 PM TCT 447: MitraClip Compared to Surgical Mitral Valve Repair in Octogenarians A Nationwide Analysis 2012 2015  
Presenting Author: Syed Zaid

12:17 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 - 12:30 PM  
Outcomes After Primary PCI - 3  
Moderators: Jose L. Leiva-Pons, Manel SabateDiscussants: Michael Maeng, Ahmed Magdy, Richard A. Schatz

11:30 AM TCT 495: Global Health Telemedicine Guided AMI Management  
Presenting Author: Sameer Mehta

11:37 AM Discussion

11:40 AM TCT 496: Impact of Body Mass Index on Infarct Size and Clinical Outcomes Following Primary PCI: Patient Level Analysis From 6 Randomized Trials  
Presenting Author: 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: Takanobu Mitarai

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

PACEMAKERS AND CONDUCTION ABNORMALITIES IN PATIENTS WITH TAVR - 2

Pacemakers and Conduction Abnormalities in Patients With TAVR - 2  
Structural: Valve

THURSDAY, SEPTEMBER 26, 2019  
11:30 AM - 12:20 PM  
Moderated Posters 5

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 PM TCT 533: New Permanent Pacemaker Implantation Does Not Affect Survival After Transcatheter Aortic Valve Replacement With SAPIEN 3 Valve
**PHYSIOLOGIC LESION ASSESSMENT - 1**

**Physiologic Lesion Assessment - 1**

**Moderated Posters 4**

**THURSDAY, SEPTEMBER 26, 2019**
**11:30 AM - 12:30 PM**

**TCT 575: Outcomes With Deferred vs. Performed Revascularization of Coronary Lesions With Fractional Flow Reserve Values in the Grey Zone**
Presenting Author: Michael Megaly

**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

**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

**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

**TCT 579: 2 Year Outcomes After Deferral of Revascularization Based on Fractional Flow Reserve: The J CONFIRM Registry**
Presenting Author: Shoichi Kuramitsu

**TCT 580: Prognostic Value of the Index of Microcirculatory Resistance Over Serum Biomarkers in Light Chain Cardiac Amyloidosis**
Presenting Author: Ki Hong Choi

**TCT 579: Outcomes After Pacemaker Implantation in Patients With New Onset Left Bundle Branch Block After Transcatheter Aortic Valve Replacement**
Presenting Author: Michael Megaly

**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

**TCT 579: 2 Year Outcomes After Deferral of Revascularization Based on Fractional Flow Reserve: The J CONFIRM Registry**
Presenting Author: Shoichi Kuramitsu

**TCT 580: Prognostic Value of the Index of Microcirculatory Resistance Over Serum Biomarkers in Light Chain Cardiac Amyloidosis**
Presenting Author: Ki Hong Choi

**REVASCULARIZATION IN THE ELDERLY AND THE FRAIL - 2**

**Revascularization in the Elderly and the Frail - 2**
**Coronary: CHIP**

**Moderated Posters 8**

**THURSDAY, SEPTEMBER 26, 2019**
**11:30 AM - 12:30 PM**

**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

**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

**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

**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

**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

**TCT 650: Economic Outcomes for Older Adults With Acute Myocardial Infarction Treated With PCI**
Presenting Author: Abdulla Damluji

**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 PM  TCT 683: Variation in the Timing of Percutaneous Coronary Intervention and Outcomes in Patients Undergoing Transcatheter Aortic Valve Replacement
Presenting Author: Tomoki Ochiai

12:07 PM  Discussion

12:10 PM  TCT 684: Treatment Strategies in Patients with Stable Obstructive Coronary Artery Disease and Severe Aortic Valve Stenosis Who Underwent TAVR
Presenting Author: Mahmoud Ali

12:17 PM  Discussion

OUTCOMES AFTER PRIMARY PCI - 4

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 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

PACEMAKERS AND CONDUCTION ABNORMALITIES IN PATIENTS WITH TAVR - 3

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
RENAL INSUFFICIENCY AND CONTRAST NEPHROPATHY - 1

Stent Thrombosis and Restenosis - 1

THURSDAY, SEPTEMBER 26, 2019
12:30 PM - 1:20 PM
Moderated Posters 2

12:30 PM - 1:30 PM
Renal Insufficiency and Contrast Nephropathy - 1
Moderators: Norman E. Lepor, George W. VetrovecDiscussants: Anand Prasad

12:30 PM TCT 609: Use of Iso Osmolar Contrast Media in High AKI Risk Patients Undergoing Endovascular Abdominal Aortic Aneurysm Repair EVAR Is Associated With Lower Incidence of Major Adverse Renal or Cardiac Events MARCE
Presenting Author: Amit Amin

12:37 PM Discussion

12:40 PM TCT 657: Comparison of Subsequent Neoatherosclerotic Findings at Mid Term Follow Up Optical Coherence Tomography Between Second and Third Generation Drug Eluting Stent Implantation
Presenting Author: Toshiya Miura

12:47 PM Discussion

12:50 PM TCT 658: Severe Acute Stent Malapposition After Drug Eluting Stent Implantation:Effects on Long Term Clinical Outcomes
Presenting Author: Seung-Yul Lee

12:57 PM Discussion

12:50 PM TCT 659: Intravascular Ultrasound Analysis of Calcified Neoatherosclerosis Causing In Stent Restenosis and Its Clinical Implication: From IRIS DES and DEB Registry
Presenting Author: Sang-Cheal Cho

1:07 PM Discussion

1:10 PM TCT 661: Angiographic Results of Everolimus Eluting Stents for the Treatment of In Stent Restenosis

1:07 PM TCT 613: Preventive Intravascular Volume Expansion Strategies for Contrast Induced Acute Kidney Injury in Patients Receiving Intraarterial Contrast Media
Presenting Author: Omar Sheikh

1:17 PM Discussion

1:20 PM TCT 614: Predictive and Prognostic Value of Serum Neutrophil Gelatinase Associated Lipocalin for Contrast Induced Acute Kidney Injury and Long Term Clinical Outcomes After Percutaneous Coronary Intervention
Presenting Author: Ik Jun Choi

1:27 PM Discussion
ASSESSMENT OF PATIENTS WITH AORTIC STENOSIS OR AORTIC INSUFFICIENCY - 2

Assessment of Patients With Aortic Stenosis or Aortic Insufficiency - 2

Moderators: Pedro A. Lemos
Discussants: Blase A. Carabello, Petra Poliackova, Stephen R. Ramee

2:00 - 3:00 pm
TCT 140: Impact of Left Ventricular Mass Regression on Long Term Clinical Outcomes After Transcatheter Aortic Valve Replacement: An Analysis of the PARTNER 1 and 2 Trials and Registries
Presenting Author: Katherine Chau

2:07 pm Discussion

2:10 pm TCT 141: C Reactive Protein/Albumin Ratio in Patients Undergoing Transcatheter Aortic Valve Replacement
Presenting Author: Derk Frank

2:17 pm Discussion

2:20 pm TCT 142: Clinical Characteristics and Outcomes of Patients Undergoing Transcatheter Aortic Valve Replacement with STS PROM of 3
Presenting Author: Jackson King

2:27 pm Discussion

2:30 pm TCT 143: Changes in Quality of Life in Patients With Low Flow Aortic Stenosis Undergoing Transcatheter Aortic Valve Replacement
Presenting Author: Aisha Ahmed

2:37 pm Discussion

2:40 pm TCT 144: Impact of Diastolic Dysfunction on Mortality and Quality of Life After Transcatheter Aortic Valve Replacement
Presenting Author: Mahesh Anantha Narayanan

2:47 pm Discussion

2:50 pm TCT 145: Invasive Corroborate 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

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

2:20 pm TCT 261: Identifying Conditions for Very Late Tissue Retention of Paclitaxel: Insights From Mechanistic Computational Modeling
Presenting Author: Abraham Tzafriri

2:27 pm Discussion

2:30 pm TCT 262: Use of Sirolimus Coated Balloon in Small Vessel De Novo Lesions: Mid Term Follow Up From a Single Center Registry
Presenting Author: Sandeep Basavarajaiah

2:37 pm Discussion

2:40 pm TCT 263: To Assess the Safety and Efficacy of Novel Drug Coated Balloon in All Comers Real World Population
Presenting Author: Sameer Dani

2:47 pm Discussion

2:50 pm TCT 264: Clinical Outcome Post Sirolimus Coated Balloon Angioplasty in Patients With De Novo Lesions Located in Small Vessel Arteries 2.75 mm: 2 Year Results From Prospective Study
Presenting Author: Bernardo Cortese

2:57 pm Discussion

DRUG-ELUTING BALLOONS AND LOCAL DRUG DELIVERY - 1

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 140: Impact of Left Ventricular Mass Regression on Long Term Clinical Outcomes After Transcatheter Aortic Valve Replacement: An Analysis of the PARTNER 1 and 2 Trials and Registries
Presenting Author: Katherine Chau

2:07 pm Discussion

2:10 pm TCT 141: C Reactive Protein/Albumin Ratio in Patients Undergoing Transcatheter Aortic Valve Replacement
Presenting Author: Derk Frank

2:17 pm Discussion

2:20 pm TCT 142: Clinical Characteristics and Outcomes of Patients Undergoing Transcatheter Aortic Valve Replacement with STS PROM of 3
Presenting Author: Jackson King

2:27 pm Discussion

2:30 pm TCT 143: Changes in Quality of Life in Patients With Low Flow Aortic Stenosis Undergoing Transcatheter Aortic Valve Replacement
Presenting Author: Aisha Ahmed

2:37 pm Discussion

2:40 pm TCT 144: Impact of Diastolic Dysfunction on Mortality and Quality of Life After Transcatheter Aortic Valve Replacement
Presenting Author: Mahesh Anantha Narayanan

2:47 pm Discussion

2:50 pm TCT 145: Invasive Corroborate 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
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
Presenting Author: Steffen Schnupp

2:27 PM  Discussion

2:30 PM  TCT 285: Stent Diameter and Clinical Outcomes After PCI: From the COMBO MASCOT and REMEDEE Collaboration.
Presenting Author: Doreen Zeebregts

2:37 PM  Discussion

2:40 PM  TCT 286: Efficacy and Safety of the Newer generation Zotarolimus eluting stent in Routine Clinical Practice: Data from the IRIS DES Registry
Presenting Author: Ju Hyeon Kim

2:47 PM  Discussion

2:50 PM  TCT 287: Impact of Eligibility Criteria on Clinical Outcomes of Firehawk and XIENCE Coronary Drug Eluting Stent in an All Comers Randomized Trial
Presenting Author: Yuichi Saito

2:57 PM  Discussion

NATURAL HISTORY AND MANAGEMENT OF MITRAL AND TRICUSPID VALVE DISEASE - 4

THURSDAY, SEPTEMBER 26, 2019
2:00 PM - 3:00 PM
Moderated Posters 1

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
Presenting Author: Kalaivani Mahadevan

2:27 PM  Discussion

2:30 PM  TCT 397: A Meta analysis Comparing Shorter lt3months versus Longer duration 12 Months Dual Antiplatelet Therapy Following New generation Drug eluting Stents
Presenting Author: Kirstin Hesterberg

2:37 PM  Discussion

2:40 PM  TCT 398: Impact of Long term Ticagrelor Monotherapy Following One month Dual Antiplatelet Therapy in Patients Who Underwent Complex Percutaneous Coronary Intervention: Insights From the Global Leaders Trial
Presenting Author: Yoshinobu Onuma

2:47 PM  Discussion

2:50 PM  TCT 399: Long Term Cardiovascular Outcomes According to the Antiplatelet Agent Discontinued After Coronary Stenting: Insights From Four Xience V Post Approval Studies
Presenting Author: Davide Cao

2:57 PM  Discussion

THURSDAY, SEPTEMBER 26, 2019
2:00 PM - 3:00 PM
Moderated Posters 4

2:00 PM - 3:00 PM
Management of Antiplatelet Therapy and Anticoagulation in Patients Undergoing PCI - 1

Management of Antiplatelet Therapy and Anticoagulation in Patients Undergoing PCI - 1

Coronary: Core

THURSDAY, SEPTEMBER 26, 2019
2:00 PM - 3:00 PM
Moderated Posters 4

2:00 PM - 3:00 PM
Management of Antiplatelet Therapy and Anticoagulation in Patients Undergoing PCI - 1
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

2:37 PM Discussion

2:40 PM TCT 452: Septal Correction to Prevent Iatrogenic Left Ventricular Outflow Tract Obstruction SCORPIONprior to Transcatheter Mitral Valve Replacement
Presenting Author: John Lisko

2:47 PM Discussion

2:50 PM TCT 453: Does Obesity Impact in hospital Outcomes After Transcatheter Mitral Valve Replacement Insights From the National Inpatient Sample
Presenting Author: Kranthi Sitammagari

2:57 PM Discussion

2:00 PM 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

2:17 PM Discussion

2:20 PM TCT 584: Assessment of Interference Between Pressure Wire and Coronary Stents Deployed in the Side Branch: Insights From a Bench Test
Presenting Author: Takayuki Warisawa

2:27 PM Discussion

2:30 PM TCT 585: Prognostic Implications of Coronary Physiologic Indices in Deferred Coronary Artery Lesions with Diabetes Mellitus
Presenting Author: Doyeon Hwang

2:37 PM Discussion

2:40 PM TCT 586: Association between Renal Function and Fractional Flow Reserve: Data From a Prospective IRIS FFR Registry Interventional Cardiology Research Incooperation Society Fractional Flow Reserve
Presenting Author: Ha-Wook Park

2:47 PM Discussion

RENAI INSUFFICIENCY AND CONTRAST NEPHROPATHY - 2

THURSDAY, SEPTEMBER 26, 2019
2:00 PM - 3:05 PM
Moderated Posters 7

2:00 PM - 2:50 PM
Renal Insufficiency and Contrast Nephropathy - 2
Moderators: William T. Abraham, Barry F. UretskyDiscussants: Somjot S. Brar, Adel M kanal El Etriby, Ingibjorg J. Gudmundsdottir, Scott Harding

2:00 PM TCT 581: A Supervised Machine Learning Approach for Predicting Acute Kidney Injury following Percutaneous Coronary Intervention
Presenting Author: Rayji Tsutsui

2:07 PM Discussion

2:10 PM TCT 617: Clinical and Economic Outcomes of a Comprehensive Clinical Quality Initiative for Reducing Acute Kidney Injury in Chronic Kidney Disease Patients Undergoing Coronary Angiography
Presenting Author: Robert Kutschman

2:17 PM Discussion

2:20 PM TCT 618: A Feasibility Study of the DyeVertPlus Contrast Reduction System to Reduce Contrast Media in Optical Coherence Tomography guided Percutaneous Coronary Interventions

2:07 PM Discussion

PHYSIOLOGIC LESION ASSESSMENT - 2

Physiologic Lesion Assessment - 2
Coronary: Core

THURSDAY, SEPTEMBER 26, 2019
2:00 PM - 2:50 PM
Moderated Posters 2

2:00 PM TCT 452: Jailed pressure wire to assess the side branch result for bifurcation lesions treated by provisional stenting strategy: IFR as a new index.
Presenting Author: Manuel D. Pan

2:07 PM Discussion

2:00 PM Physiologic Lesion Assessment - 2
Moderators: Kalpa De Silva, Frederick Feit, Ian C. GilchristDiscussants: Jabir Abdullahakutty, Pablo D. Charry-Amaya, Alejandro D. Fernandez, Guy J. Friedrich, Yoshiharu Higuchi, Sean Madden

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Presenting Author: Manuel D. Pan

2:07 PM Discussion

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2:17 PM Discussion

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Presenting Author: Doyeon Hwang

2:37 PM Discussion

2:40 PM TCT 586: Association between Renal Function and Fractional Flow Reserve: Data From a Prospective IRIS FFR Registry Interventional Cardiology Research Incooperation Society Fractional Flow Reserve
Presenting Author: Ha-Wook Park

2:47 PM Discussion

RENAI INSUFFICIENCY AND CONTRAST NEPHROPATHY - 2

THURSDAY, SEPTEMBER 26, 2019
2:00 PM - 3:05 PM
Moderated Posters 7

2:00 PM - 2:50 PM
Renal Insufficiency and Contrast Nephropathy - 2
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2:07 PM Discussion
TAVR and Coronary Artery Disease - 2

TAVR and Coronary Artery Disease - 2

Structural: Valve

Thursday, September 26, 2019
2:00 PM - 3:00 PM
Moderated Posters 3

2:00 PM - 3:00 PM
TAVR and Coronary Artery Disease - 2
Moderators: Gert Richardt, 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 Pre-procedural PCI on the Short and Long term Mortality after TAVR
Presenting Author: Thomas van den Boogert

2:17 PM Discussion

2:20 PM TCT 687: Outcomes in Patients Undergoing Transcatheter Aortic Valve Replacement With or Without Percutaneous Coronary Intervention: A Systematic Review and Meta Analysis
Presenting Author: Naser Yaman

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

Drug-Eluting Balloons and Local Drug Delivery - 2

Drug-Eluting Balloons and Local Drug Delivery - 2

THURSDAY, SEPTEMBER 26, 2019
3:00 PM - 3:50 PM
Moderated Posters 6

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: Sandeep Basavarajaiah

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
INTRANAVASCULAR IMAGING - 2

3:00 - 4:00 PM
Intravascular Imaging - 2
Moderators: Jose de Ribamar Costa Jr, Kevin J. Croce
Discussants: John McB. Hodgson, Tomas Kovarnik, Kusum Lata, Tej Sheth, Hirotoshi Watanabe

3:00 PM
TCT 346: Pseudo Stent Strut Protrusion Into Side Branch. An Intravascular Ultrasound Observation From the EXCEL Trial
Presenting Author: Tatsuhiro Fujimura

3:07 PM
Discussion

3:10 PM
TCT 347: Frequency of Incomplete Stent Apposition at Side branch Ostium After Kissing Balloon Inflation Predicted From Preoperative Appearance of Coronary Artery Bifurcation on Three dimensional Optical Coherence Tomograms
Presenting Author: Takashi Nishimura

3:17 PM
Discussion

3:20 PM
TCT 348: Comparison of stent expansion between OCT guided rotational atherectomy and IVUS guided rotational atherectomy for calcified coronary lesion
Presenting Author: Norihiro Kobayashi

3:27 PM
Discussion

3:30 PM
TCT 349: Delineation of Ambiguous Coronary Lesions in Patients Undergoing Coronary Angiography for Acute Coronary Syndrome: Results from an Optical Coherence Tomography Study
Presenting Author: Klio Konstantinou

3:37 PM
Discussion

3:40 PM
TCT 350: Intravascular Ultrasound Optical Coherence Tomography and Fractional Flow Reserve Use in Acute Myocardial Infarction: An 11 Year National Perspective
Presenting Author: Saraschandra Vallabhajosyula

3:47 PM
Discussion

3:50 PM
TCT 351: Diagnostic Performance of Post Stenting 3 Dimensional Quantitative Coronary Angiography to Predict Underexpansion as Measured by Optical Coherence Tomography
Presenting Author: Armando Vergara-Martel

3:57 PM
Discussion

MANAGEMENT OF ANTIPLATELET THERAPY AND ANTICOAGULATION IN PATIENTS UNDERGOING PCI - 2

THURSDAY, SEPTEMBER 26, 2019
3:00 - 4:00 PM
Moderated Posters 8

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: Shahrubk 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 Tomanik

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

NATURAL HISTORY AND MANAGEMENT OF MITRAL AND TRICUSPID VALVE DISEASE - 5

THURSDAY, SEPTEMBER 26, 2019
3:00 - 4:00 PM
Moderated Posters 1
3:00 PM - 4:00 PM
Natural History and Management of Mitral and Tricuspid Valve Disease - 5
Moderators: Neil P. Fam, Paul D. Mahoney
Discussants: Stamatios Lerakis, Konstantinos Spargias

3:00 PM TCT 454: Characteristics and Outcomes of Patients who Are Denied From a Percutaneous Edge to Edge Mitral Valve Repair After Being Referred to a Transcatheter Mitral Valve Program: Impact of a Dedicated Multidisciplinary Mitral Heart Team Approach
Presenting Author: Frederic Beaupre

3:07 PM Discussion

3:10 PM TCT 455: Right Ventricular Remodeling Reduces Heart Failure Readmissions in Patients Undergoing Transcatheter Mitral Valve Repair
Presenting Author: Nidhi Kanwar

3:17 PM Discussion

3:20 PM TCT 456: Preexisting Atrial fibrillation is Associated with Increased Risk of Midterm and Long Term Mortality in Transcatheter Mitral Valve Repair: Systemic review and Meta analysis
Presenting Author: Narut Prasitlumkum

3:27 PM Discussion

3:30 PM TCT 457: Severe Mitral Stenosis in Patients with Severe Mitral Annular Calcification: An Area of Unmet Need
Presenting Author: Rayji Tsutsui

3:37 PM Discussion

3:40 PM TCT 458: In Hospital and Long term Outcomes among Patients with Spontaneous Coronary Artery Dissection presenting with Ventricular TachycardiaFibrillation
Presenting Author: Christopher Cheung

3:47 PM Discussion

3:00 PM - 4:00 PM
Peripheral Vascular Intervention - 1
Moderators: Leif Thuesen
Discussants: Carlos I. Mena-Hurtado, Karl-Ludwig Schulte, Nicolas W. Shammas, Mitchell Weinberg

3:00 PM TCT 467: 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 468: Clinical Features Sex Differences and Outcomes of Myocardial Infarction With Non Obstructive Coronary Arteries
Presenting Author: Richard Jung

3:17 PM Discussion

3:20 PM TCT 469: Percutaneous Coronary Intervention performance in Spontaneous Coronary Artery Dissection: insight from an Italian Multicenter Registry
Presenting Author: Giorgia Quadri

3:27 PM Discussion

3:30 PM TCT 470: Acute management of patients with Spontaneous Coronary Artery Dissection. The DISCO Dissezioni Spontanee Coroneriche Italian Registry.
Presenting Author: Francesco Tomassini

3:37 PM Discussion

3:40 PM TCT 471: Prognosis and Predictors of Mortality in Patients Suffering Myocardial Infarction with Non Obstructive Coronary Arteries
Presenting Author: You-Hong Lee

3:47 PM Discussion

3:00 PM - 3:50 PM
Peripheral Vascular Intervention - 1

THURSDAY, SEPTEMBER 26, 2019
3:00 PM - 3:50 PM
Moderated Posters 3

3:00 PM TCT 451: 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 452: 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 453: Laser Atherectomy and Drug Coated Balloons for the Treatment of Femoropopliteal In Stent Restenosis: 2 Year Outcomes.
VENTRICULAR ASSIST AND MANAGEMENT OF CARDIOGENIC SHOCK - 1

Ventricular Assist and Management of Cardiogenic Shock - 1

Moderators: Kalpa De Silva, James Flaherty
Discussants: Navin K. Kapur

3:00 - 4:00 PM

Ventricular Assist and Management of Cardiogenic Shock - 1

Moderated Posters 7

3:00
TCT 811: BALANCED BIVENTRICULAR ASSIST VERSUS EXTRACORPOREAL MEMBRANE OXYGENATION IN CARDIAC ARREST
Presenting Author: Erik Packer

3:07
Discussion

3:10
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
Discussion

3:20
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
Discussion

3:30
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
Discussion

3:40
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

3:47
Discussion

3:50
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
Discussion

4:00
TCT 817: Drug Coated Reflow Temporary Spur Systems: Inhibition of Neointimal Proliferation in Porcine Peripheral Arteries
Presenting Author: Nadia Brunacci

4:07
Discussion

4:10
TCT 818: Incidence and Outcomes of Bailout Stenting Following Use of Drug Coated Balloon
Presenting Author: A D S P K Athukorala

4:17
Discussion

4:20
TCT 819: Randomized Comparison of Two Different Drug Coated Balloons in In Stent Restenosis: The PROPAX Trial
Presenting Author: Jiasheng Yin

4:27
Discussion

4:30
TCT 820: Results of Percutaneous Coronary Intervention with Second Generation Drug Coated Balloons in Diabetic Patients at a Long Term Follow Up.
Presenting Author: IGNACIO SANCHEZ PEREZ

4:37
Discussion

3:30 - 4:40 PM

Drug-Eluting Balloons and Local Drug Delivery - 3

Moderators: Eric J. Dippel, Jorge F. Saucedo
Discussants: Anvar Babaev, Franz X. Kleber, Bruno Scheller

4:00
TCT 271: Drug Coated Reflow Temporary Spur Systems: Inhibition of Neointimal Proliferation in Porcine Peripheral Arteries
Presenting Author: Nadia Brunacci

4:07
Discussion

4:10
TCT 272: Incidence and Outcomes of Bailout Stenting Following Use of Drug Coated Balloon
Presenting Author: A D S P K Athukorala

4:17
Discussion

4:20
TCT 273: Randomized Comparison of Two Different Drug Coated Balloons in In Stent Restenosis: The PROPAX Trial
Presenting Author: Jiasheng Yin

4:27
Discussion

4:30
TCT 275: Results of Percutaneous Coronary Intervention with Second Generation Drug Coated Balloons in Diabetic Patients at a Long Term Follow Up.
Presenting Author: IGNACIO SANCHEZ PEREZ

4:37
Discussion

NON-ATHEROSCLEROTIC CAD (SCAD, MINOCA, ETC.) - 2

Non-Atherosclerotic CAD (SCAD, MINOCA, etc.) - 2

Moderated Posters 2
Non-atherosclerotic CAD (SCAD, MINOCA, etc) - 2
Moderator: Christos Bourantas, Jae K. Oh

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 ofNitroglycerin 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

4:00 PM - 4:50 PM
PCI vs. Medical Therapy and Insights Into Trial Design
Moderators: William E. Boden, Frederick Feit
Discussants: 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

4:17 PM
Discussion

4:20 PM
TCT 548: Clinical and Angiographic Lesion Characteristics Associated With Lack of Angina Relief After PCI: Insights from the RIVER PCI Trial
Presenting Author: Akiko Fujino

4:27 PM
Discussion

4:30 PM
TCT 549: The Me amp My Heart eMocial study A randomized evaluation of a new smartphone based support tool to increase therapy adherence of ACS patients
Presenting Author: Markus Florian Krackhardt

4:37 PM
Discussion

4:40 PM
TCT 550: Novel application of a bias reduction methodology for the sample size estimation design of in randomized controlled trials
Presenting Author: Cheng Zhang

4:47 PM
Discussion

4:50 PM
TCT : Impact of lesion complexity on one year clinical outcome 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

PULMONARY ARTERY AND PULMONARY VEINOUS INTERVENTION

4:00 PM - 4:50 PM
Pulmonary Artery and Pulmonary Venous Intervention
Moderators: Harsimran Sachdeva Singh
Discussants: Saif Anwaruddin, Paolo Denti, Gregory Piazza, Sanjum S. Sethi, Akhilesh K. Sista

4:00 PM
TCT 599: Exercise right heart catheterization before and after balloon pulmonary angioplasty in inoperable patients with chronic thromboembolic pulmonary hypertension
Presenting Author: Christoph Liebetrau

4:07 PM
Discussion

4:10 PM
TCT 600: Trends on therapeutic approach for acute pulmonary embolism and change in outcomes: analysis of nationwide inpatient sample
Presenting Author: Rabih Tabet

4:17 PM
Discussion

4:20 PM
TCT 601: Concomitant Renal Sympathetic Denervation with Pulmonary Vein Isolation vs Pulmonary Vein Isolation Alone Among Patients with Drug resistant Atrial Fibrillation and Hypertension: a Meta analysis

Presenting Author: Lucas Lauder

4:17 PM
Discussion

4:20 PM
TCT 548: Clinical and Angiographic Lesion Characteristics Associated With Lack of Angina Relief After PCI: Insights from the RIVER PCI Trial
Presenting Author: Akiko Fujino

4:27 PM
Discussion

4:30 PM
TCT 549: The Me amp My Heart eMocial study A randomized evaluation of a new smartphone based support tool to increase therapy adherence of ACS patients
Presenting Author: Markus Florian Krackhardt

4:37 PM
Discussion

4:40 PM
TCT 550: Novel application of a bias reduction methodology for the sample size estimation design of in randomized controlled trials
Presenting Author: Cheng Zhang

4:47 PM
Discussion

4:50 PM
TCT : Impact of lesion complexity on one year clinical outcome 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

THURSDAY, SEPTEMBER 26, 2019
4:00 PM - 4:40 PM
Moderated Posters 5

4:00 PM
TAVR: Patient-Prosthesis Mismatch
Moderators: Stephen J.D. Brecker, Stanley J. Chetcuti
Discussants: Harold L. Dauerman, Ioannis Iakovou, Hasan Jilaihawi, Tsuyoshi Kaneko

4:07 PM
Discussion

4:10 PM
TCT 752: Incidence and Outcomes of Patient Prosthesis Mismatch Following Self Expanding Transcatheter Aortic Valve Replacement: An Analysis from the STSACC TVT Registry
Presenting Author: Gilbert H.L. Tang

4:17 PM
Discussion

4:20 PM
TCT 757: Feasibility of Repeat Transcatheter Aortic Valve Replacement TAVR after Sapien 3 TAV TAV in TAV: A Pilot Angiographic Study
Presenting Author: Syed Zaid

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

VENTRICULAR ASSIST AND MANAGEMENT OF CARDIOGENIC SHOCK - 2

Ventricular Assist and Management of Cardiogenic Shock - 2

THURSDAY, SEPTEMBER 26, 2019
4:00 PM - 4:50 PM
Moderated Posters 7

4:00 PM
TCT 755: Prevalence of impaired coronary accessibility after valve in valve transcatheter 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 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

TAVR: VALVE-IN-VALVE - 1

TAVR: Valve-in-Valve - 1

THURSDAY, SEPTEMBER 26, 2019
4:00 PM - 4:50 PM
Moderated Posters 1

4:00 PM
TCT 602: Comparison of Radiofrequency Ablation vs Cryodenervation in Patients with Pre capillary Pulmonary Hypertension
Presenting Author: Daria Feshenko

4:07 PM
Discussion

4:10 PM
TCT 603: Long term Outcomes of Percutaneous Intervention for Pulmonary Vein Stenosis Secondary to Atrial Fibrillation Ablation
Presenting Author: Madeline Mahowald

4:17 PM
Discussion
Ventricular Assist and Management of Cardiogenic Shock - 2
Moderators: Dharam J. Kumbhani, Michael J. Lim
Discussants: Amirali Masoumi, Maurizio Menichelli, Amit N. Patel

4:00 PM - 4:50 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

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

THURSDAY, SEPTEMBER 26, 2019
4:00 PM - 5:00 PM
Moderated Posters 8

4:00 PM - 5:00 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

8:00 AM - 9:30 AM
Live Cases #3
Live Case Moderators: Gregg W. Stone
Live Case Co-Moderators: Junbo Ge
Factoid Faculty: Rishi Chandiramani, Shmuel Chen, Tatsuhiro Fujimura, Tanush Gupta

8:00 AM - 9:30 AM
Fu Wai Hospital Beijing China Cor
Live Case Operator: Kefei Dou, Jie Qian, Jiaode Wang, Yongjian Wu

8:45 AM
NYPHColumbia University Medical Center New York NY SHD
9:30 am - 10:00 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 Continuing Use of Drug Eluting Technologies for PAD  
Lecturer: William A. Gray

**9:44 am**  Moderated Panel Discussion  
Lecturer: William A. Gray

10:00 am - 10:15 am  
**Innovation Award and Presentation**

Award Presenter: Juan F. Granada

10:00 am  Innovation Winner  
10:10 am  Award Presentation  
Moderator: Juan F. Granada

10:15 am - 10:30 am  
**TCT 2019 Geoffrey O. Hartzler Master Operator Award**

Moderators: Martin B. Leon, Gregg W. Stone
Award Recipients: Shigeru Saito

10:30 am - 11:30 am  
**Late-Breaking Trials 2, Co-Sponsored by Journal of the American Medical Association**

Moderators: Martin B. Leon
Discussants: Jeroen J. Bax, Philipp Blanke, Jonathan A. Leipsic, Michael J. Mack, Thomas Modine, Philippe Pibarot, David G. Rizik, Craig R. Smith, Alfredo Trento, Dee Dee Wang

11:30 am - 12:15 pm  
**Live Cases #4**

Live Case Moderators: Sahil A. Parikh  
Live Case Co-Moderators: Ehrin J. Armstrong
Live Case Discussants: Herbert D. Aronson, Dmitry N. Feldman, Lawrence A. Garcia, Prakash Krishnan, Tak W. Kwan, Carlos I. Mena-Hurtado, Kenneth Ouriel, Virendra I. Patel, Peter A. Schneider, Christopher J. White, Thomas Zeller
Factoid Faculty: Rishi Chandiramani, Shmuel Chen, Tatsuhiro Fujimura, Tanush Gupta

12:15 pm - 1:15 pm  
**Late-Breaking Science 2, Co-Sponsored by European Heart Journal**

Discussants: Blase A. Carabello, Aloide Chieffo, Danny Dvir, Khalil Fattouch, James S. Gammie, Saibal Kar, Ulf Landmesser, Francesco Maisano, Chet Rihal, Jason H. Rogers, Gilbert H.L. Tang

12:15 pm  Mitral Valve in Valve: 1 Year Outcomes of Transcatheter Mitral Valve Replacement for Degenerated Mitral Bioprostheses  
Lecturer: Mayra Guerrero

12:25 pm  Roundtable Discussion With Audience QA

12:30 pm  STSACC TVT Registry: MitraClip Operator Volume Outcome Relationship in the United States  
Lecturer: Adnan K. Chhatriwalla

12:40 pm  Roundtable Discussion With Audience QA

12:45 pm  STS Registry: Mitral Valve Surgery Institutional Volume Outcome Relationship in the United States  
Lecturer: Vinayak Bapat

12:55 pm  Roundtable Discussion With Audience QA

1:00 pm  A Propensity Score Matched Analysis of Transcatheter Tricuspid Valve Treatment vs. Medical Treatment in Patients With Severe Tricuspid Regurgitation  
Lecturer: Maurizio Taramasso

1:10 pm  Roundtable Discussion With Audience QA

**LIVE CASE TRANSMISSION THEATER III:**

**FRIDAY, SEPT. 27**

**Live Case Transmission Theater III: Friday, Sept. 27**

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**

Live Case Moderators: Tony Das  
Live Case Co-Moderators: Peter A. Schneider  
Factoid Faculty: Tomo Ando, Davide Cao, Hussein Rahim, Fumiyasu Seike
8:00 am  Ballad Health System CVA Heart Institute Kingsport TN
  Live Case Operator: Mark Aziz, D. Christopher Metzger

8:45 am  OhioHealthRiverside Methodist Hospital Columbus OH
  Live Case Operator: Gary M. Ansel, Charles F. Botti, Jr., Christopher Huff, Michael Jolly, John Phillips, Mitchell J. Silver

9:30 am - 11:15 am  Session II: Live Cases — SHD
  Live Case Moderators: Nicolas M. Van Mieghem
  Live Case Co-Moderators: Horst Sievert
  Factoid Faculty: Tomo Ando, Davide Cao, Hussein Rahim, Fumiyasu Seike

9:30 am  Fu Wai Hospital Beijing China
  Live Case Operator: Kefei Dou, Jie Qian, Jiande Wang, Yongjian Wu

10:30 am  NYPHColumbia University Medical Center
  Live Case Operator: Vinayak N. Bapat, Isaac George, Rebecca T. Hahn, Nadira Hamid, Susheel K. Kodali, Torsten P. Vahl

11:15 am - 12:00 noon  Session III: Live Cases — Endovascular
  Live Case Moderators: Craig M. Walker
  Live Case Co-Moderators: Stephen R. Ramee
  Live Case Discussants: Marianne Brodmann, Daniel G. Clair, Eric J. Dippel, Bryan T. Fisher, Philip Green, Steve Henao, Richard R. Heuser, Amit Kakkar, Robert D. Safian, Sanjum S. Sethi, Ramon L. Varcoe
  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

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**LIVE CASE TRANSMISSION THEATER IV:**
**FRIDAY, SEPT. 27**

**Coronary: Core**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Lecture</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 am</td>
<td>Session I: Live Cases — SHD</td>
<td>Revascularization in Stable CAD: What Do the New 2019 ESC Guidelines Recommend</td>
<td>Cleveland Clinic Cleveland OH</td>
</tr>
<tr>
<td>8:07 am</td>
<td>Session II: Diagnosis and Management of Coronary Revascularization Failures</td>
<td>PCI vs. CABG in Multivessel Disease With and Without Diabetes: Latest Clinical Trial Data</td>
<td>Cleveland Clinic Cleveland OH</td>
</tr>
<tr>
<td>8:38 am</td>
<td>Session II: Diagnosis and Management of Coronary Revascularization Failures</td>
<td>Root Causes of Thrombosis and Restenosis With Contemporary Metallic DES: Pathologic Insights</td>
<td>Cleveland Clinic Cleveland OH</td>
</tr>
</tbody>
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**METALLIC DES PART 2: HIGH-RISK PATIENTS AND REVASCULARIZATION FAILURES**

**Coronary: Core**

<table>
<thead>
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<th>Session</th>
<th>Lecture</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 am - 10:00 am</td>
<td>Session I: Live Cases — LM/Bifurcation and Coronary</td>
<td>Lauderdale: Open Lead To Analysis of and Bifurcation: Clinical, Angiographic and Drug Characteristics of and Bifurcation: Clinical, Angiographic and Drug Characteristics of</td>
<td>Cleveland Clinic Cleveland OH</td>
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**FRIDAY, SEPTEMBER 27, 2019**

**Room 152/154**

**Live Case Operator:**
-  Vinayak N. Bapat, Isaac George, Rebecca T. Hahn, Nadira Hamid, Susheel K. Kodali, Torsten P. Vahl
-  Serge C. Harb, Samir R. Kapadia, Rhonda Miyasaka

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**FRIDAY, SEPTEMBER 27, 2019**

**Live Case Theater**

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<tbody>
<tr>
<td>2:00 pm - 6:00 pm</td>
<td>Session I: Live Cases — HD</td>
<td>Revascularization in Stable CAD: What Do the New 2019 ESC Guidelines Recommend</td>
<td>Cleveland Clinic Cleveland OH</td>
</tr>
<tr>
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**FRIDAY, SEPTEMBER 27, 2019**

**Live Case Operator:**
-  Vinayak N. Bapat, Isaac George, Rebecca T. Hahn, Nadira Hamid, Susheel K. Kodali, Torsten P. Vahl
-  Serge C. Harb, Samir R. Kapadia, Rhonda Miyasaka
Lecturer: Michael Joner

8:45 AM Root Causes of Thrombosis and Restenosis With Contemporary Metallic DES: Intravascular Imaging Insights
Lecturer: Giulio Guagliumi

8:52 AM Very Late Stent Failure: Frequency and Predictive Factors
Lecturer: Mahesh V. Madhavan

8:59 AM How to Treat Stent Thrombosis: Case Based Vignettes of Different Approaches
Case Presenter: Anthony H. Gershlick

9:07 AM Flash Debate: Drug Coated Balloons Are the Best Treatment for ISR and Avoids Further Stent Layers
Lecturer: Paul JL Ong

9:12 AM Very Late Stent Failure: Frequency and Predictive Factors
Lecturer: Mahesh V. Madhavan

9:19 AM How to Treat Stent Thrombosis: Case Based Vignettes of Different Approaches
Lecturer: George D. Dangas

9:25 AM To Prevent Stent Failure: Optimal Device Deployment Technique Is the Key
Lecturer: Joanna J. Wykrzykowska

9:33 AM Roundtable Discussion With Audience QA

9:39 AM Intravascular Imaging Stent Guidance: Part 2 — The Details

FRIDAY, SEPTEMBER 27, 2019
8:00 AM - 10:00 AM
Room 156/158

PFO CLOSURE: EVIDENCE, INDICATIONS, AND DEVICES

PFO Closure: Evidence, Indications, and Devices
Structural: Non- Valve

9:00 AM To Close or Not to Close the PFO: Incorporation of Patient Preferences and Shared Decision Making
Lecturer: Suzanne J. Baron

9:08 AM Is PFO Closure Only Beneficial in Large Shunts
Lecturer: Srirhari S. Naidu

9:16 AM The Minimalist Approach to PFO Closure: The Toronto Experience With Fluoroscopic Guidance Alone
Lecturer: Eric Horlick

9:24 AM The Minimalist Approach to PFO Closure: The Chinese Experience
Lecturer: Xiangbin Pan

9:32 AM Complications of PFO Closure: Just the Facts Maam
Lecturer: Jacqueline Saw

9:40 AM The Antiplatelet Drug Test to Determine Responsivity and the Next Generation PFO Closure Migraine Trial
Lecturer: Mark Reisman

9:48 AM Roundtable Discussion With Audience QA

9:55 AM Roundtable Discussion With Audience QA

INTRAVASCULAR IMAGING STENT GUIDANCE: PART 2 — THE DETAILS

8:00 AM - 9:00 AM
Session I: The Debates and “Rules of the Road” for PFO Closure in Secondary Stroke Prevention
Moderators: John D. Carroll, David E. Thaler
Discussants: Elliott Michael Groves, Kishore J. Harjai, Clifford J. Kavinsky, John F. Rhodes, Kolja Sievert, Zachary Steinberg

8:00 AM PFO Closure for Stroke: The Debate Is Over
Lecturer: Stephen J.D. Brecker

8:08 AM PFO Closure for Primary Prevention: The Debate Has Started A Case Example and a Clinical Trial Proposal
Case Presenter: Fabian Nietlispach

8:16 AM The Heart Brain Team: PFO Closure Should require the Approval of a Neurologist

8:24 AM PFO in 2019 A Neurologists Perspective
Lecturer: David E. Thaler

8:34 AM Who Should Perform PFO Closure and Where The SCAI Expert Consensus Statement
Lecturer: Clifford J. Kavinsky

8:44 AM What is a High Risk PFO and Should it Affect the Decision to Close
Lecturer: Jonathan M. Tobis

8:52 AM Roundtable Discussion With Audience QA

9:00 AM - 10:00 AM
Session II: Clinical Issues in PFO Closure
Moderators: Thomas K. Jones, David E. Thaler
Discussants: Elliott Michael Groves, Kishore J. Harjai, Clifford J. Kavinsky, John F. Rhodes, Kolja Sievert, Zachary Steinberg

9:00 AM To Close or Not to Close the PFO: Incorporation of Patient Preferences and Shared Decision Making
Lecturer: Suzanne J. Baron

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9:40 AM The Antiplatelet Drug Test to Determine Responsivity and the Next Generation PFO Closure Migraine Trial
Lecturer: Mark Reisman

9:48 AM Roundtable Discussion With Audience QA

8:00 AM - 10:00 AM
Session I: Patient-Specific and Lesion-Specific Approaches to IVUS and OCT-Guided Stent Implantation
Moderators: Ziad A. Ali, Giulio Guagliumi
Discussants: Hector M. Garcia-Garcia, Bill D. Gogas, Jacek Legutko, Evelyn Regar, Mladen I. Vidovich, Nick E. J. West

10:00 AM - 11:27 AM
Session I: Patient-Specific and Lesion-Specific Approaches to IVUS and OCT-Guided Stent Implantation
Moderators: Ziad A. Ali, Giulio Guagliumi
Discussants: Hector M. Garcia-Garcia, Bill D. Gogas, Jacek Legutko, Evelyn Regar, Mladen I. Vidovich, Nick E. J. West

10:00 AM Intravascular Imaging Guided IVUS/OCT Treatment of Calcified Lesions: Step by Step
10:10 AM Intravascular Imaging Guided IVUS-OCT Treatment of Left Main Lesions Including LM Bifurcations: Step by Step
Lecturer: Lei Ge
10:20 AM Assessment and Treatment of ISR and Stent Thrombosis Lesions Using Intravascular Imaging Including Neoatherosclerosis
Lecturer: Christos Bourantas
10:30 AM Very Late IVUS-OCT Follow Up After Stent Implantation: From Malapposition to Stent Healing
Lecturer: Yoshinobu Onuma
10:40 AM Treating Patients With Renal Insufficiency: Zero Contrast PCI
Lecturer: Ziad A. Ali
10:50 AM Intravascular Imaging Guided Treatment of CTOs: Application in AWE ADR and Retrograde Approaches
Lecturer: Lei Ge
11:00 AM Treating Patients With Renal Insufficiency: Zero Contrast PCI
Lecturer: Ziad A. Ali
11:10 AM Approach to Patients With Acute Coronary Syndromes Including SCAD and Thrombotic Lesions Using Intravascular Imaging: Does Everyone Need a Stent
Lecturer: Tej Sheth
11:20 AM Very Late IVUS-OCT Follow Up After Stent Implantation: From Malapposition to Stent Healing
Lecturer: Yoshinobu Onuma
11:30 AM Treating Patients With Renal Insufficiency: Zero Contrast PCI
Lecturer: Ziad A. Ali
11:40 AM Intravascular Imaging Guided Treatment of CTOs: Application in AWE ADR and Retrograde Approaches
Lecturer: Lei Ge
11:50 AM Evaluation of Early and Late Lesions in CTOs Using IVUS-OCT
Lecturer: Christos Bourantas
12:00 PM Roundtable Discussion With Audience QA

TAVR TECHNOLOGY AND ASSOCIATED DEVICES

Session I: Technology Forum, Part 1 — New TAVR Systems

10:00 AM The TAVR NEXT Comers: Snapshots
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
Lecturer: Gregory P. Fontana
10:30 AM The TAVR NEW Comers: Snapshots
Lecturer: Markus Albert Kasel
10:36 AM The Anatomically Correct Transfemoral JenaValve TAVR System
Lecturer: Hendrik Treede
10:42 AM The Venus A and A Plus TAVR System
Lecturer: Horst Sievert
10:48 AM The Repositionable and Retrievable HLT Meridian TAVR System
Lecturer: Mathew Williams
10:54 AM Roundtable Discussion with Audience QA
Lecturer: Mathew Williams
11:00 AM - 12:28 PM Session II: Technology Forum, Part 2 — Access and Closure Alternatives, Innovation Gone Wild
Moderators: Adam B. Greenbaum, Tamim M. NazifDiscussants: 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...
Lecturer: Toby Rogers
11:08 AM Percutaneous Transaxillary TAVR: A Brief Tutorial
Lecturer: Amir Kaki
11:16 AM Open Transcarotid TAVR: A Brief Tutorial
Lecturer: Keith B. Allen
11:24 AM Roundtable Discussion with Audience QA
Lecturer: Keith B. Allen
11:28 AM Novel Large Hole Access Closure Devices
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 152/154

2:00 PM - 2:45 PM
Session I: Issues After LAA Closure
Moderators: Saibal Kar, Ramon QuesadaDiscussants: 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: Vivek Y. Reddy

2:24 PM Residual Leak and Ischemic Stroke After LAA Closure: Whether to Close and if So How
Lecturer: George S. Hanzel

2:32 PM Roundtable Discussion With Audience QA

2:45 PM - 3:45 PM
Session II: LAA Closure — Device Selection

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: Mohammad Adnan Alkhouri

3:34 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

2:00 PM Debate: Dual Therapy OAC/ASAP Should Be the Default Therapy at Discharge in Most Patients
2:00 PM Pro: Dual Therapy OAC/ASAP Should Be the Default Therapy at Discharge in Most Patients
Lecturer: C. Michael Gibson

2:08 PM Con: Beware of Ischemic Complications Not Ready to Drop DAPT Yet
Lecturer: Robert A. Byrne

2:16 PM PCI in Patients Requiring OAC: Which OAC and in Whom
TAVR SPECIAL SITUATIONS (VIV, BICUSPID, AR, LOW-FLOW, OTHER)

TAVR Special Situations (VIV, Bicuspid, AR, Low-Flow, Other)

Structural: Valve

FRIDAY, SEPTEMBER 27, 2019
2:00 PM - 4:00 PM
Room 155/157

2:00 PM - 2:40 PM
Session I: TAVR “Real-World Complex Case Scenarios” — Clinical Corner
Moderators: Keith B. Allen, Raj MakkarDiscussants: Philipp Blanke, Bruce Bowers, Mao Chen, Charles J. Davidson, Hasan Jilaihawi, Fayaz Shawl

2:00 PM TAVR and Concomitant Atrial Fibrillation: Case Presentation

2:44 PM Roundtable Discussion With Audience QA

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

2:40 PM PointCounterpoint: Provocative Views 1 Minimalist TAVR Gone Viral
2:40 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
Lecturer: Philippe Genereux

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
Lecturer: Mark J. Russo

3:20 PM Choosing the Right TAVR System for Your Patients: A Multi Device Anatomy Specific Approach
Lecturer: Howard C. Herrmann

3:30 PM Roundtable Discussion With Audience QA

3:35 PM Perspectives on Real World Economics in the Modern Era of TAVR
Lecturer: Suzanne V. Arnold
THE LEFT MAIN AND BIFURCATION SUMMIT: 
PART 2

The Left Main and Bifurcation Summit: Part 2

Coronary: CHIP

FRIDAY, SEPTEMBER 27, 2019
2:00 pm - 4:00 pm
Room 151/153

2:00 pm - 3:02 pm
Session I: LM Bifurcation PCI — When?
Moderators: Marie-Claude Morice, David G. Rizik
Discussants: Jun-Jack Cheng, Brian K. Courtney, Anthony H. Gershlick, Kendra J. Grubb, Annapoorna Kini, Alfredo Trento

2:00 pm Excel: Extended Follow Up and Most Important Substudies
Lecturer: Ori Ben-Yehuda

2:08 pm Noble: Extended Follow Up and Substudies
Lecturer: Evald H. Christiansen

2:14 pm Roundtable Discussion With Audience QA

2:20 pm Heart Team Case Discussions for 2 Patients With Left Main Bifurcation Disease
Case Presenter: Matthew Cavender

2:44 pm Flash Debate: DAPT Duration for LM PCI
1:00 pm - 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

PHYSIOLOGIC LESION ASSESSMENT AND INTERVENTIONAL PLANNING: PART 2 — NEW DEVELOPMENTS IN CORONARY PHYSIOLOGY

Physiologic Lesion Assessment and Interventional Planning: Part 2 — New Developments in Coronary Physiology

Coronary: Core

FRIDAY, SEPTEMBER 27, 2019
4:00 pm - 6:02 pm
Room 152/154

4:00 pm - 5:02 pm
Session I: Flash Clinical Trial Update and Practical Approach to Coronary Physiology
Moderators: Justin E. Davies, Nils Johnson
Discussants: Nick Curzen, Javier Escaned, Matthias Götberg, Allen Jeremias, Gary S. Mintz, Andrew Sharp

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 Pitfalls of Coronary Physiology Measurements
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

PULMONARY HYPERTENSION AND ACUTE AND CHRONIC PULMONARY EMBOLI THERAPIES: PART 2

STEMI, CARDIAC ARREST, AND CARDIOGENIC SHOCK: PART 2

STEMI, Cardiac Arrest, and Cardiogenic Shock: Part 2

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, Nir Uriel
Discussants: Carla Agatiello, David A. Baran, Mir Barak Basir, Francisco Fernandez-Aviles, Vijiay 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

4:00 PM - 5:00 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 UCSF
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

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
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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
TRANSCATHETER MITRAL VALVE REPAIR: BEYOND THE MITRACLIP

Transcatheter Mitral Valve Repair: Beyond the MitraClip

Structural: Valve

FRIDAY, SEPTEMBER 27, 2019
4:00 PM - 6:10 PM
Room 155/157

4:00 PM - 4:27 PM
Session I: From Surgery to Transseptal Techniques
TCT INNOVATION V: KEYNOTE INNOVATION INTERVENTIONAL STUDIES

**Session XV: 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, Jose de Ribamar Costa Jr, Neal Fearnot, Sudhir Rathore, Bo Xu

- **8:49 AM**  
  Absence of Risk of Death After Coronary Paclitaxel Coated Balloons: Systematic Review and Meta Analysis of Randomized Trials  
  **Lecturer:** Sandeep Basavarajaiah

- **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, Suzanne de Waha-Thiele, Neal Fearnot, Richard A. Schatz, R. Michael Wyman

- **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. Sivaprassad

- **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:** Loic Belle

- **10:05 AM**  
  Early Experience With CoFi Diagnostic Sequence in Humans  
  **Lecturer:** Marco Valgimigl

- **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, Kenneth Ouriel, Dierk Scheinert, Bruno Scheller, Renu Virmani

- **10:27 AM**  
  12 Month Clinical Outcomes of Sirolimus Eluting Bioresorbable Peripheral Scaffold System in Arteries Below the Knee  
  **Lecturer:** Narenda N. Khanna

- **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:** Bernardo Cortese
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 am - 4:00 am
Innovation & Keynote Theater

3:00 am - 4:00 am
High-Risk Disease and Novel Therapies
Moderators: Antonio Colomba, Joanna J. Wykrzykowska
Discussants: Carlos Collet, Giovanni Esposito, Nicolas Foin, James A. Goldstein, Norman E. Lepor, Pieter C. Smits

3:00 am
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 am
Roundtable Discussion With Audience QA

3:15 am
PROTECCT: A Randomized Trial of Emergency CTA in Patients With Possible ACS and Intermediate Levels of HS Troponin Elevation

HIGH-IMPACT CLINICAL RESEARCH I:
PERIPHERAL ARTERIAL DISEASE AND DRUG-COATED BALLOONS

High-Impact Clinical Research I: Peripheral Arterial Disease and Drug-Coated Balloons

Vascular

FRIDAY, SEPTEMBER 27, 2019
2:00 am - 3:00 am
Innovation & Keynote Theater
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, 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 Tlemserius

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: Ziad A. Ab

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

FRIDAY, SEPTEMBER 27, 2019
2:00 pm - 5:45 pm
Room 205-206

2:00 pm Devices for Heart Failure: FDA Perspectives on Trial Designs and Endpoints
Lecturer: Bram D. Zuckerman

2:07 pm ARC Initiative for Heart Failure and Shock: HF ARC Shock ARC and More
Lecturer: Christopher O'Connor

2:14 pm Industry View on Controlled Trials for Heart Failure and Shock Devices
Lecturer: William T. Abraham

2:22 pm Perspectives on Infarct Size as a Surrogate in STEMI
Lecturer: Navin K. Kapur

2:29 pm Roundtable Discussion With Audience QA

2:49 pm - 3:39 pm
Session II: Device Treatment for Shock — Regulatory, Clinical, and Industry Challenges
Moderators: Fernando Aguel, William W. O'Neill
Discussants: Lori M. Ashby, Lauren S. Baker, David A. Baran, Seth David Bilazarian, Emmanouil S. Brilakis, Juan F. Granada, Cindy L. Grines, Michael Mooney, E. Magnus Ohman, Ileana L. Pina, Holger Thiele

2:49 pm Devices to Treat Shock: Regulatory Perspectives
Lecturer: Fernando Aguel

2:56 pm Industry Perspectives on Controlled Trials for Shock Devices
Lecturer: Seth David Bilazarian

3:03 pm Designing Controlled Trials for Shock Devices: Population Targets and Safety and Effectiveness Considerations
Lecturer: Anthony H. Gershlick

3:11 pm Reimbursement Pathways for Shock Devices
Lecturer: Lori M. Ashby

3:19 pm Roundtable Discussion With Audience QA

3:39 pm - 4:13 pm
Session III: High Bleeding Risk Patients — Trial Designs for Novel Stents and Shortened DAPT Duration
Moderators: Adrian Magee, Roxana Mehran
Discussants: Davide Capodanno, C. Michael Gibson, Mitchell W. Krucoff, David J. Moliterno, Marie-Claude Morice, Sunil V. Rao, Philip M. Urban, Stephan Windecker

3:39 pm Defining High Bleeding Risk: HBR ARC
Lecturer: Philip M. Urban
4:13 PM  Regulatory Considerations for High Bleeding Risk Patients Undergoing PCI
   Lecturer: Adrian Magee

3:53 PM  Roundtable Discussion With Audience QA

3:46 PM  Regulatory Considerations for High Bleeding Risk Patients Undergoing PCI
   Lecturer: Adrian Magee

CLINICAL TRIAL DESIGN, STATISTICS, AND LITERATURE INTERPRETATION: THE EVIDENCE-BASED MEDICINE EXPERT — PART 1

Clinical Trial Design, Statistics, and Literature Interpretation: The Evidence-Based Medicine Expert — Part 1

Moderators: Stuart J. Pocock, Jan G. P. Tijssen

12:15 PM  Introduction and Basics
   Lecturer: Stephen Balter

12:25 PM  Physician Safety and Emerging Technology Solutions
   Lecturer: James A. Goldstein

12:35 PM  Patient and Staff Safety Considerations
   Lecturer: Kristin Bottone, Cynthia Wilson

12:45 PM  Minimizing Patient Radiation Exposure
   Lecturer: Sanjog Kalra

12:55 PM  Roundtable Discussion With Audience QA

1:05 PM  VA Healthcare Failure Mode Effect Analysis
   Lecturer: Edwin M. Leidholdt, Jr.

1:15 PM  Patient Radiation Tracking and Results
   Lecturer: Madan M. Rehani

1:25 PM  JC Fluoro Requirements
   Lecturer: Stephen Balter

1:30 PM  Roundtable Discussion With Audience QA

CATH LAB RADIATION MANAGEMENT: IN REMEMBRANCE OF CHARLES CHAMBERS

Cath Lab Radiation Management: In Remembrance of Charles Chambers

Moderators: Martin B. Leon, Jaime Raben

5:02 PM - 5:45 PM  Session V: New Applications for TAVR — Controversies in Approval Pathways
   Moderators: Martin B. Leon, Jaime Raben

5:02 PM  Regulatory Considerations for New Valves and Adjunctive Devices
   Lecturer: Jennifer Bastijanic

5:10 PM  TAVR for Bicuspid Aortic Stenosis: What Is Known and What Is Not
   Lecturer: Michael J. Mack

5:17 PM  TAVR for Aortic Regurgitation: Clinical Device Evaluation Considerations
   Lecturer: Vinod H. Thourani

5:24 PM  Roundtable Discussion With Audience QA
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

12:15 PM - 12:25 PM
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. StoneDiscussants: 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
Lecturer: Seung-Jung Park

12:50 PM  Treatment of Vulnerable Patients and Plaques: PACMAN AMI Rationale and Update
Lecturer: Carlo Di Mario

12:55 PM  PSS vs. ESS vs. WSS: Whats the Difference and Do They Matter
Lecturer: Peter H. Stone

1:02 PM  Utility of OCT NIRF Molecular Imaging for Vulnerable Plaque Identification

1:09 PM  Roundtable Discussion With Audience QA

1:14 PM - 1:45 PM
Primary Prevention of Coronary Events by Detection of Vulnerable Plaques and Vulnerable Patients
Moderators: John A. Ambrose, Wolfgang KoenigDiscussants: Jeroen J. Bax, Paul Knaapen, Ryan D. Madder, James K. Min, Joanna J. Wykrzykowska

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. MaronDiscussants: 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

12:22 PM  The Case for CABG in Most
Lecturer: Michael A. Borger

12:29 PM  The Case for PCI in Most
Lecturer: Sripal Bangalore

12:36 PM  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
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 Stent 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 Dont 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

12:48 PM Sunday Morning Debate: Some Stents Are More Equal Than Others
Lecturer: David E. Kandzari

12:55 PM Discussion With Audience QA
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Lecturer: Sonya Burgess
1:40 PM Roundtable Discussion With Audience QA

TCT ENDOVASCULAR AND VEITH: AORTIC THERAPIES

TCT ENDOVASCULAR: TREATMENT OF ACUTE PULMONARY EMBOLISM
TRANSCATHETER CARDIOVASCULAR INNOVATIONS IN THE UNDERSERVED: CURRENT CHALLENGES AND OPPORTUNITIES — SPONSORED BY THE ASSOCIATION OF BLACK CARDIOLOGISTS

FRIDAY, SEPTEMBER 27, 2019
12:15 PM - 1:45 PM
Room 215

Session I: Diversity Within the Interventional Cardiology Workforce — What Matters and Why?
Moderators: Wayne B. Batchelor, Clyde W. Yancy
Discussants: Oluseun Alli, Marianne Brodmann, Uzoma Ibebuogu, A.J. Conrad C. Smith, Jennifer A. Tremmel, Karol Watson

12:15 PM Diversity in Medicine: Charting a Path Forward
Lecturer: Clyde W. Yancy

12:25 PM Roundtable Discussion With Audience QA

12:30 PM The Cardiology Workforce: Current Status and Future Needs
Lecturer: Quinn Capers

12:40 PM Roundtable Discussion With Audience QA

12:45 PM Women in Interventional Cardiology: How to Make It Work
Lecturer: Cindy L. Grines

12:55 PM Roundtable Discussion With Audience QA

1:00 PM - 1:45 PM
Session II: Unique Challenges in Achieving Equity in Care and Outcomes
Moderators: Wayne B. Batchelor, Marianne Brodmann
Discussants: Angeles Alonso Garcia, Colin Berry, Quinn Capers, Ioanna Kosimidou, 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 NativeAmerican 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
ENDOVASCULAR CARDIAC COMPLICATIONS (ECC) 2019: PREVENTION IS THE BEST TREATMENT FOR COMPLICATIONS

Endovascular Cardiac Complications (ECC) 2019: Prevention Is the Best Treatment for Complications

FRIDAY, SEPTEMBER 27, 2019
9:00 AM - 10:30 AM
Room 216

9:00 AM - 10:30 AM
Endovascular Cardiac Complications (ECC) 2019: Prevention Is the Best Treatment for Complications
Moderators: Morton J. Kern, Ramesh SinghDiscussants: Merida Cardenas Manilla, Christan Roguelov, Jack Wei Chieh Tan, Aaron Wong Sung Lung

9:00 AM
Introduction
Lecturer: Michael Haude

9:05 AM
Til Death Do Tear Us Apart
Lecturer: Aaron Wong Sung Lung

9:20 AM
Roundtable Discussion With Audience QA

9:25 AM
No Reflow After Balloon Angioplasty
Lecturer: Cheng Han Lee (Li)

9:40 AM
Roundtable Discussion With Audience QA

9:45 AM
Unusual Situation During Transradial Intervention
Lecturer: Purich Surunchuakorn

10:00 AM
Roundtable Discussion With Audience QA

10:05 AM
Unexpected Shock: Where Does It Come From
Lecturer: Praveer Agarwal

10:25 AM
Conclusions and Take Home Messages
Lecturer: Ramesh Singh

INTERNATIONAL FELLOWS CHALLENGING CASE SESSION

International Fellows Challenging Case Session

FRIDAY, SEPTEMBER 27, 2019
4:00 PM - 5:30 PM
Room 216

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
Lecturer: Viveka Kumar

9:15 AM
Coronary Aneurysms: Post DES Traumatic
Lecturer: Subhash Chandra

9:22 AM
Roundtable Discussion With Audience QA
Lecturer: Subhash Chandra

9:25 AM
Coronary Perforation Tamponade
Lecturer: Praveer Agarwal

9:32 AM
Roundtable Discussion With Audience QA
Lecturer: Praveer Agarwal

9:47 AM
Session II: Structural Heart Intervention Complications

9:47 AM
My Worst TAVR Complication
Lecturer: Pravin K. Goel

9:54 AM
Roundtable Discussion With Audience QA
Lecturer: Pravin K. Goel

9:57 AM
My Repair Techniques MitraClip Complications and How to Avoid Them With Case EGS
Lecturer: Michael Rinaldi

10:04 AM
Roundtable Discussion With Audience QA
Lecturer: Michael Rinaldi

10:07 AM
LAAO: Complications and Tips to Avoid Them With Case EGS
Lecturer: Rajasekhar Varada

10:14 AM
Discussion and Concluding Remarks
Lecturer: Rajasekhar Varada

TCT INDIA SESSION

TCT India Session

FRIDAY, SEPTEMBER 27, 2019
9:00 AM - 10:30 AM
Presentation Theater 2

9:00 AM - 10:30 AM
TCT India
INTERNATIONAL COMPLEX CASE SESSION IV: CORONARY THROMBUS MANAGEMENT AND OTHER SPECIAL PCI SITUATIONS

FRIDAY, SEPTEMBER 27, 2019
8:30 AM - 10:30 AM
Presentation Theater 1

8:30 AM - 10:30 AM
Coronary Thrombus Management and Other Special PCI Situations
Moderators: Carlos Cabrera, Graham A. CasselDiscussants: Magdy Abdelhamid, Pablo D. Chary-Amaya, Mohamed Chettibi, Giuseppe Musumeci, Ivo Petrov, Li-Wah Tam

8:30 AM
Introduction
Lecturer: Carlos Cabrera

8:35 AM
Croatia Presents: Complex LMCALADRI PCI in NSTEMI
Case Presenter: Eduard Margetic

8:45 AM
Roundtable Discussion With Audience QA

8:50 AM
Colombia Presents: Left Main Coronary Thrombus in a Young 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

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8:00 AM - 4:33 PM
Session I: Top 3 International Fellows Cases
Moderators: Benjamin Hibbert, Wojtek WojakowskiDiscussants: Carlos Cabrera, Pedro De Araujo Goncalves, Grzegorz L. Kaluza, Afzalur Rahman

4:00 AM
Introduction of Top 3 Selected Winners
Lecturer: Grzegorz L. Kaluza

4:05 AM
First Place Winner Case: A Novel and Simple Percutaneous Technique to Treat a Complex Pseudoaneurysm of Postaortic Coarctation Patch Aortoplasty
Case Presenter: Virginia Pascual-Tejerina

4:12 AM
Second Place Winner Case: Nightmare in a Cardioband Transcatheter Tricuspid Annuloplasty
Case Presenter: Mizuki Miura

4:19 AM
Third Place Winner Case: Calcium Does Not Always Win the Battle
Case Presenter: Rosa Alba Abellas-Sequeiras

4:26 AM
Roundtable Discussion With Audience QA

4:33 AM - 5:05 AM
Session II: Fellows Got Talent Case Competition
Moderators: Carlos Cabrera, Pedro De Araujo GoncalvesDiscussants: Benjamin Hibbert, Grzegorz L. Kaluza, Afzalur Rahman, Wojtek Wojakowski

4:33 AM
Case 1 A: A Case of Stent Shaft Fracture During PCI and Retrieval With Trapping Balloon Method
Case Presenter: Wei Tso Chen

4:38 AM
Case 2 B: Percutaneous Closure of a Blalock Taussig Shunt a Systemic Pulmonary Collateral and Closure of a Cavo Atrial Fenestration in a Single Procedure
Case Presenter: Jesus Omar Hernandez Marquez

4:43 AM
Case 3 C: Iatrogenic Left Internal Mammary Artery to Great Cardiac Vein Fistula Successfully Treated With Vascular Plug
Case Presenter: Gibran Bhering Nascif

4:48 AM
Case 4 D: Pulmonary Valve Replacement With Venus P Valve
Case Presenter: SAYAH NEILA

4:53 AM
Voting Period: TCT Poll App Question Please Vote on the Case You Found Most Challenging Followed by Winner Announcement
Award Presenter: Wojtek Wojakowski

4:58 AM
Roundtable Discussion With Audience QA

5:05 AM - 5:30 PM
Session III: My Most Challenging Case — Fellows Committee
Moderators: Grzegorz L. Kaluza, Mohamed Ahmed SobhyDiscussants: 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 V:
FEATURED COMPLEX CORONARY CASES

International Complex Case Session V: Featured Complex Coronary Cases
Coronary: CHIPCoronary: Core

FRIDAY, SEPTEMBER 27, 2019
2:30 PM - 4:00 PM
Presentation Theater 1

2:30 PM - 4:00 PM
Featured Complex Coronary Cases
Moderators: Mohamed Ahmed Sobhy, Khalid Omar Tammam
Discussants: Alejandro Cherco, Christos Christou, Hyo-Soo Kim, Armando Mangioni, Mahmoud Soliman

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

2:47 PM One Two Three Breakdance and Twist
Lecturer: Tiziana Claudia Aranzulla

2:54 PM Roundtable Discussion With Audience QA

2:59 PM Bulgaria Presents: Complete Revascularization in Patient With Complex Coronary Artery Disease
Case Presenter: Valery Gelev

3:06 PM Roundtable Discussion With Audience QA

3:11 PM Germany Presents: Complex Retrograde Recanalization of a Chronic Total Occluded Proximal LAD
Case Presenter: Julia Seeger

3:16 PM Roundtable Discussion With Audience QA

3:23 PM South Africa Presents: Complex Triple Vessel Disease Treated by Rotablator and Staged Intervention
Case Presenter: Graham A. Cassel

3:30 PM Roundtable Discussion With Audience QA

3:35 PM Tunisia Presents: An Unusual Etiology of Stent Thrombosis
Case Presenter: Habib Gamra

3:42 PM Roundtable Discussion With Audience QA

3:47 PM Final Thoughts
Lecturer: Khalid Omar Tammam

INTERNATIONAL COMPLEX CASE SESSION VI:
FEATURED COMPLEX CORONARY CASES

International Complex Case Session VI: Featured Complex Coronary Cases
Coronary: CHIPCoronary: Core

FRIDAY, SEPTEMBER 27, 2019
4:00 PM - 5:30 PM
Presentation Theater 1

4:00 PM Introduction
Lecturer: Robin dra Nath Chakraborty

4:05 PM Taiwan Presents: Re Wipe the RCA CTO
Case Presenter: Jun-Jack Cheng

4:15 PM Roundtable Discussion With Audience QA

4:30 PM Roundtable Discussion With Audience QA

4:35 PM Netherlands Presents: PCI of Calcified Lesions With Novel Calcium Modulating Techniques Rock Roll or Rock and Roll
Case Presenter: Rik Hermanides

4:45 PM Roundtable Discussion With Audience QA

4:50 PM Slovenia Presents: Multimodal Treatment of Refractory Angina Pectors With CFR Coronary Flow Reducer Implantation
Case Presenter: Matjaz Bunc

5:00 PM Roundtable Discussion With Audience QA

5:05 PM Spain Presents: LIMA Grafts Are Lifelong Warranted Sometimes
Case Presenter: Armando Perez de Prado

5:15 PM Roundtable Discussion With Audience QA

5:20 PM Final Thoughts
Lecturer: Jorge Cortes Lawrenz

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

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)  
(SPONSORED BY CATHWORKS)

FRIDAY, SEPTEMBER 27, 2019
6:30 AM - 7:45 AM
Room 207

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

6:45 AM - 7:45 AM
Expert Experience With Stent Grafts in Treating Challenging Peripheral Disease  
(SPONSORED BY WL GORE & ASSOCIATES)

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  
(SPONSORED BY INDIA MEDTRONIC PVT. LTD.)
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.)

FRIDAY, SEPTEMBER 27, 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
Management of Complex PCI Patients: Award-Winning Case Presentations
Chairs: David Wohns, MD
Panelists: Justin Levisay

6:45 AM
Successful Resuscitation of Acute Cardiogenic Shock Presenting as Ventricular Fibrillation via Bipella Approach
Case Presenter: Yashwant Agrawal

7:00 AM
QA Session

7:05 AM
Double Indication for Impella CP: High Risk Percutaneous Coronary Intervention PCI and Acute Myocardial Infarction Complicated by Cardiogenic Shock AMICS
Case Presenter: Rafael Coimbra Ferreira Beltrame

7:20 AM
QA Session

7:25 AM
Impella Facilitated IVUS Guided Left Main With Double CTO Revascularisation in NSTEMI With Severe LV Impairment and Severe Ischaemic Mitral Regurgitation
Case Presenter: Kalaivani Mahadevan

7:40 AM
QA Session

OPTIMIZATION OF VESSEL ACCESS AND CLOSURE IN LARGE-BORE CATHETER PROCEDURES: TIPS AND TRICKS CASE-BASED REVIEW (SPONSORED BY CRF; SUPPORTED BY ABBOTT AND SARANAS)

Optimization of Vessel Access and Closure in Large-Bore Catheter Procedures: Tips and Tricks Case-Based Review (Sponsored by CRF; Supported by Abbott and Saranas)

FRIDAY, SEPTEMBER 27, 2019
6:30 AM - 7:45 AM
Room 205-206

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

6:45 AM - 7:45 AM
Optimization of Vessel Access and Closure in Large-Bore Catheter Procedures: Tips and Tricks Case-Based Review
Faculty: Amir Kaki, James M. McCabe, Michael Rinaldi, Rajeev Toyal, David A. Wood
Chairs: Philippe Genereux, Martin B. Leon

6:45 AM
Introduction
Lecturer: Martin B. Leon

6:47 AM
Getting Optimal Arterial and Venous Access for Large Bore Catheter Procedures
Lecturer: Michael Rinaldi

6:57 AM
Large Bore Vessel Closure Management: Tips and Tricks and Adjunctive Techniques
Lecturer: Amir Kaki

7:07 AM
Access and Closure for Alternative Access: Focus on Percutaneous Transaxillary Approach
Lecturer: James M. McCabe

NEW FRONTIERS IN PCI: ULTRA-LOW CONTRAST, ARTIFICIAL INTELLIGENCE, AND CO-REGISTRATION (SPONSORED BY PHILIPS)

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
THE APPROACH TO THE HIGH BLEEDING RISK PATIENT (SPONSORED BY CRF; SUPPORTED BY ABBOTT, BOSTON SCIENTIFIC CORPORATION, AND ORBUSNEICH)

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, Antonio Colombo, Ajay J. Kirtane, Mitchell W. KrucoffChairs: 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 Idenifying 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 ONXY Short DAPT Programs
Lecturer: Mitchell W. Krucoff

7:07 AM COMBO REDUCE
Lecturer: Antonio Colombo

7:12 AM COBRA REDUCE
Lecturer: Robert A. Byrne

7:17 AM EVOLVE LEADERS Short DAPT Programs

TRANSFORMING ROBOTICS INTO AN ADVANCED CLINICAL TOOL THROUGH AUTOMATION AND REMOTE CAPABILITIES (SPONSORED BY CORINDUS VASCULAR ROBOTICS)

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 PatelChairs: J. Aaron Grantham

6:45 AM Welcome and Overview

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
Discussant: 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
Faculty: takashi ashikaga, Jeff Chambers, Sandeep Nathan, Richard Shlomfritz
Chairs: Ajay J. Kirtane

11:30 AM Welcome
Presenter: Ajay J. Kirtane

11:35 AM The Changing Interventional Practice: Managing a Complex PCI Patient Population
Presenter: Richard Shlomfritz

11:43 AM Japans Interventional Practice: Japans Experience With Imaging in the Complex PCI Patient Population
Presenter: takashi ashikaga

11:51 AM Panel Discussion

11:55 AM Taking Control: Treatment Planning in Complex PCI
Presenter: Sandeep Nathan

12:03 PM Panel Discussion

12:06 PM New Insights on Orbital Technology
Presenter: Jeff Chambers

12:14 PM Panel Discussion

12:17 PM Clinical Insights: The Evidence and Technique Behind Orbital Atherectomy
Presenter: Ajay J. Kirtane

12:25 PM Panel Discussion and Takeaways
Moderators: Ajay J. Kirtane
Discussants: takashi ashikaga, Jeff Chambers, Sandeep Nathan, Richard Shlomfritz

Contrast-Induced Acute Kidney Injury: Preventive Measures That Work in High-Risk Patients (Sponsored by CRF; Supported by Multiple Commercial Supporters)

FRIDAY, SEPTEMBER 27, 2019
11:30 AM - 12:30 PM
Presentation Theater 3

11:30 AM - 12:30 PM
Contrast-Associated Acute Kidney Injury: Preventive Measures That Work in High-Risk Patients
Faculty: Amit Amin, Nandish Thukral
Co-Chairs: Somjot S. Brar, Roxana Mehran, Anand Prasad
Panelists: Emmanouil S. Brilakis, Gennaro Giustino

11:30 AM Case Review: Complex PCI Post TAVR Implant
Presenter: Anand Prasad

11:40 AM Impella Assisted PCI: Can This Strategy Prevent AKI in High Risk Patients

11:52 AM Contrast Media and Acute Kidney Injury
Lecturer: Amit Amin

12:05 PM AKI Reduction in the Cath Lab: Protocol Development Implementation and Outcomes
Lecturer: Nandish Thukral

12:15 PM Back to the Case: How Did I Manage This Patient
Lecturer: Anand Prasad

12:20 PM Panel Discussion and QA

12:30 PM Adjourn

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

Transcatheter Mitral Valve Interventions (Sponsored by CRF; Supported by Edwards Lifesciences)
FRIDAY, SEPTEMBER 27, 2019
11:30 AM - 12:30 PM
Presentation Theater 2

11:30 AM - 12:30 PM
Transcatheter Mitral Valve Interventions
Faculty: Howard C. Herrmann, JoAnn Lindenfeld, Axel Linke, Robert L. Smith
Chairs: Jeffrey J. Popma, Michael Rinaldi

11:30 AM
Approaches to Transcatheter Leaflet Repair: What Does the Latest Data and Clinical Experience Tell Us
Lecturer: Axel Linke

11:40 AM
Case In a Box and EU Real World Experience
Lecturer: JoAnn Lindenfeld

11:50 AM
Role of Heart Failure Specialist in the Post COAPT World
Lecturer: Robert L. Smith

12:00 PM
Analogs to Surgery: The Role of Annuloplasty and Chordal Repair
Lecturer: Howard C. Herrmann

12:10 PM
Advances inTransseptal Transcatheter Mitral Valve Replacement
Lecturer: Howard C. Herrmann

12:20 PM
Panel Discussion

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 - 2:00 PM
The Future of Renal Denervation Is SOUND
Faculty: Chandan Devireddy, Naomi Fisher
Chairs: Ajay J. Kirtane

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

THE MODERN ERA OF VALVE THERAPY (SPONSORED BY CRF; SUPPORTED BY ABBOTT)

The Modern Era of Valve Therapy (Sponsored by CRF; Supported by Abbott)

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

12:20 PM
Discussion and Take Home
Moderators: Juan F. Granada, Robert-Jan Van Geuns
Discussants: Aloke Finn, Ajay J. Kirtane, Robert W. Yeh

1:00 PM
ACURATE neo: Features and Benefits for Optimized TAVR
Presentation: Thomas Pilgrim

1:10 PM
Lessons From the SCOPE I Study and the ACURATE neo Body of Evidence
Presenter: Thomas Pilgrim

1:20 PM
Real World Experience of the LOTUS Edge Valve
Presenter: Hemal Gada

1:30 PM
Mitigating a Devastating Outcome: SENTINEL CPS in TAVR
Presenter: Kendra J. Grubb

1:40 PM
Discussion
Discussant: Hemal Gada, Kendra J. Grubb, Raj Makkar, Thomas Pilgrim
1:00 PM - 2:00 PM

The Modern Era of Valve Therapy
 Faculty: Saibal Kar, Christopher U. Meduri, Georg Nickenig, David G. Rizik, Jason H. Rogers, Dee Dee Wang, Stephen G. G. Worthley
Chairs: Gorav Ailawadi, James B. Hermiller Jr

1:00 PM
TAVR in the Future: Expanding Technologies Expanding Indications
Lecturer: Christopher U. Meduri

1:10 PM
Discussion

1:15 PM
A Post COAPT Update: New Data and Next Steps for Mitral Valve Repair
Lecturer: Saibal Kar

1:25 PM
Discussion

1:30 PM
Patient Selection for Transcatheter Mitral Valve Replacement: Multivaried Technologies Clinical and Anatomic Considerations
Lecturer: Vinay Badhwar

1:40 PM
Discussion

1:45 PM
The Forgotten Valve NO MORE Perspectives from the Triluminate Experience in Severe Tricuspid Regurgitation
Lecturer: Georg Nickenig

1:55 PM
Discussion

2:00 PM
Adjourn

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
CHIP Angiogram Review: What’s New? (With Focused Case Presentations)
Faculty: Ziad A. Ali, Kendra J. Grubb, Prashant Kaul, Annapoorna Kini, Azeem Latib, Nicholas J. Lembo, James M. McCabe, Roxana Mehran, Gregg W. Stone, Giora Weisz
Co-Chairs: Dimitri Karmpaliotis, Ajay J. Kirtane, Martin B. Leon, William L. Lombardi, Jeffrey W. Moses

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: Kendra J. Grubb, Azeem Latib, Nicholas J. Lembo, Gregg W. Stone

6:40 PM
Why Imaging and Physiology Are Core Components of CHIP Cases
Lecturer: Rajasekhar Varada

6:51 PM
Discussion of Strategies and Audience Poll
Lecturer: Rajasekhar Varada

6:56 PM
Discussion of What Was Done
Lecturer: Rajasekhar Varada

7:00 PM
Summary With QA
Lecturer: Rajasekhar Varada

7:05 PM
Session II: Coronary Artery Calcium
Moderators: Greg 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

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 - 1:00 PM
Presentation Theater 2

CHIP ANGIOGRAM REVIEW: WHAT’S NEW? (WITH FOCUSED CASE PRESENTATIONS) (SPONSORED BY CRF; SUPPORTED BY ABBOTT, ABIOMED, INC., BOSTON SCIENTIFIC CORPORATION, AND CSI)
6:30 AM - 8:00 AM
Expanding Applications for Intravenous Platelet Inhibition
Faculty: Dominick J. Angiolillo, Francesco Franchi, Roxana Mehran
Co-Chairs: Deepak L. Bhatt, Gregg W. Stone

6:30 AM Which Patients Are and Are Not Candidates for Intravenous Platelet Inhibition During PCI
Lecturer: Gregg W. Stone

6:40 AM Roundtable Discussion With Audience QA

6:43 AM Intravenous Platelet Inhibition for PCI: Drug Description and Clinical Outcomes From Randomized Trials and Registries
Lecturer: Deepak L. Bhatt

6:58 AM Roundtable Discussion With Audience QA

7:03 AM Intravenous Platelet Inhibition for PCI and Bridging: Duration Oral Drug Conversion and More
Lecturer: Dominick J. Angiolillo

7:15 AM Roundtable Discussion With Audience QA

7:19 AM Case 1 Introduction: PCI in a Patient With ACS

7:22 AM Roundtable Discussion: How Should We Treat This Patient?

7:27 AM Case 1 Resolution: How Did We Treat This Patient What Might We Have Done Differently?

7:32 AM Case 2 Introduction: Intravenous Platelet Inhibition During PCI in Complex Stable CAD
Case Presenter: Francesco Franchi

7:35 AM Roundtable Discussion: How Should We Treat This Patient?

7:40 AM Case 2 Resolution: How Did We Treat This Patient What Might We Have Done Differently?
Case Presenter: Francesco Franchi

7:45 AM Case 3 Introduction: A Case in Which We Might Consider Bridging
Case Presenter: Roxana Mehran

7:48 AM Roundtable Discussion: How Should We Treat This Patient?

7:53 AM Case 3 Resolution: How Did We Treat This Patient What Might We Have Done Differently?
Case Presenter: Roxana Mehran

7:58 AM Take Home Messages: The Expanding Role of Intravenous Platelet Inhibition for PCI
Lecturer: Deepak L. Bhatt, Gregg W. Stone

8:00 AM Adjourn

9:15 AM - 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 SURGERYFOR ANTERIOR POST ISCHEMIC SEPTAL RUPTURE
Presenting Author: Angelo Quagliana

9:15 AM TCT 1224: A Case of Acute Renal Failure with Hemolysis Caused by Impella
Presenting Author: Masao Takigami

9:15 AM - 10:45 AM
Coronary XII
Discussant: Torun Chakravorty, Nabil Dib, Ingibjorg J. Gudmundsdottir, Abdul Hakeem

8:00 AM Adjoin
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 CComplicatedby Diffuse Alveolar Hemorrhage DAH:Simultaneous use of anilampla CP and Veno Venous VV Extracorporeal Membranous Oxygenation ECMO in a case of STElevation Myocardial Infarction STEMirequiringtissue 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 Auxiliary Balloon Pump.  
Presenting Author: Stephanie El-Hajj

9:15 AM  TCT 1229: Management of Refractory Cardiac Arrests with Vено 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

Presenting Author: Yashwant Agarwal

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 scaffold due to significant collapse  
Presenting Author: Hongbo Yang

9:15 AM  TCT 1234: Treatment of long tapering LAD lesion with a distal tapering and another proximal scaffold with inadvertent overlap  
Presenting Author: Latchumanadhas Kalidoss

9:15 AM  TCT 1570: Ad Hoc Retrograde LAD CTO Bifurcation Revascularization in a Patient with NSTEMI  
Presenting Author: Anna Subramaniam

9:15 AM - 10:45 AM  
Endovascular IV  
Discussant: Christopher J. Cooper, Beau Hawkins, Michel Camille Henry, J. Stephen Jenkins, Schuyler Jones, Zaza Kavteladze, Lee Kirksey, Charles Matouk, Matthew T. Menard

9:15 AM  TCT 1237: Pedal arch reconstruction in a patient with a poorly healing surgical wound following trans metatarsal amputation.  
Presenting Author: Christopher Regan

9:15 AM  TCT 1238: A case of VIABAHN VBX subacute occlusion implanted for in stent occlusion of Leriche syndrome with severe calcification.  
Presenting Author: Fujimoto Daichi

9:15 AM  TCT 1239: PTA of popliteal artery through Fem Pop bypass  
Presenting Author: Dejan Mancevski

9:15 AM  TCT 1240: Initial experience of Removing Calcified Plaque by Intentional Crosser Bias Control with Angled Support Catheter REIWA Technique  
Presenting Author: GO TAKENOUCHI

9:15 AM  TCT 1241: Dislodged renal stent retrieved and deployed in good position.  
Presenting Author: Hady Lichaa

9:15 AM  TCT 1242: Cutted Coronary Balloon Embolisation Novel Technique for Right Hepatic Artery Rupture Bleeding  
Presenting Author: Harun Klic

9:15 AM  TCT 1243: A unique and challenging May Thurner Syndrome Like case  
Presenting Author: Juan Manuel Telayna

9:15 AM  TCT 1244: Successful Catheter Intervention for Active Bleeding from Giant Multiple Renal Artery Aneurysms.  
Presenting Author: Kota Komiyama

9:15 AM  TCT 1245: Successful Endovascular Therapy for Acute Limb Ischemia Utilizing Proximal Protection Catheter via Popliteal Retrograde Approach  
Presenting Author: KOTARO MIYASHITA

9:15 AM  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: Luai Tabaza

9:15 AM  TCT 1248: COMPLEX BELOW THE KNEE VASCULAR INJURY: TRANSCOLATERAL EXCLUSION OF A GIANT PSEUDOANEURYSM AND REvascularization With Coronary Technique  
Presenting Author: Maria Rosa Aymat

9:15 AM  TCT 1249: Proximal balloon occlusion to prevent downstream embolization and thus reduce systemic adverse effects of drug coated balloons  
Presenting Author: Masayoshi Kimura

9:15 AM  TCT 1250: Case of Renal Artery Stent Thrombosis  
Presenting Author: Matthew Finn

9:15 AM  TCT 1251: Double Barrel Bilateral Iliac Artery Stenting Using Bilateral Radial Artery Access  
Presenting Author: Mike Gorenstein

9:15 AM  TCT 1252: Iliac Vein Chronic Total Occlusion Percutaneous Management
Presenting Author: Luigi Salemme

TCT 1258: First experience using a Minimalist Approach to Transcatheter Mitral Valve Replacement with Intracardiac Echocardiography
Presenting Author: Abdullah Sarkar

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

TCT 1260: MitraClip Implantation to Treat Postoperative Systolic Anterior Motion after Surgical Mitral Valve Repair for Barlow Disease
Presenting Author: Apurva Patel

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

TCT 1262: Transcatheter Management of MitraClip Single Leaflet Detachment with Placement of an Additional Clip and Amplatzer Vascular Plug
Presenting Author: Chetan Huded

TCT 1263: Prophylactic Left Ventricular Outflow Tract Septal AblationPrior to Transcatheter Mitral Valve Replacement Using an Edwards 3 Sapien Heart Valve
Presenting Author: Kris Kumar

TCT 1264: Closure of perivalvular leaks after transapical mitral valve in valve replacement.
Presenting Author: Kunal Jha

TCT 1265: Acute mitral regurgitation complicated with cardiogenic shock and treated successfully with double mitraclip implantation
Presenting Author: Luigi Salemme

TCT 1266: Transcatheter mitral valve implantation in mitral annular calcification after transcatheter aortic valve implantation

Presenting Author: Sameer Nagpal

TCT 1258: Percutaneous Transluminal Intervention for Treatment of Critical Hand Ischemia
Presenting Author: Omer Celik

TCT 1254: Percutaneous use of the INARI ClotTriever thrombectomy device with veoplasty and stenting as a management strategy for iatrogenic obstructive Deep Venous Thrombosis.
Presenting Author: Osama Abdel-Hafez

TCT 1256: Is the qualification for limb amputation always final
Presenting Author: Przemek Nowakowski

TCT 1257: Endovascular Management of a Large Common Carotid Artery iatrogenic Pseudoaneurysm
Presenting Author: Sameer Nagpal

9:15 AM - 10:45 AM

Structural V
Discussant: YONG HE, Uzoma Ibebuogu, Vijay Iyer, Biswajit Kar, Elvin Kedhi,
Structural V

Challenging Cases 4

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

TCT 1265: Prophylactic Left Ventricular Outflow Tract Septal AblationPrior to Transcatheter Mitral Valve Replacement Using an Edwards 3 Sapien Heart Valve
Presenting Author: Timothy Pow

TCT 1266: Sequential Valve in Valve Transcatheter Aortic Valve Replacement and 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 Ruf

TCT 1267: 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

TCT 1268: MitraClip XTR implantation in a patient with subaortic membrane and severe mitral regurgitation
Presenting Author: Theodore David Richards

9:15 AM

TCT 1269: Early valve thrombosis after mitral valve in valve procedure.
Presenting Author: Nadim Geloo

9:15 AM

TCT 1271: Percutaneous transvenous mitral commissurotomy in ECMO patient the bail out techniqueforunusuallife threatening acute mitral valve bioprosthesis failure.
Presenting Author: Petr Zdrahal

9:15 AM

TCT 1272: PERCUETANEOUS TRANSVENOUS MITRAL COMMISSUROTOMY IN A TUBULAR HEART
Presenting Author: Preeti Gupta

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 annuloplasty with coronary compromise during implantation
Presenting Author: Steven Goldberg

9:15 AM

TCT 1276: Sequential Valve in Valve Transcatheter Aortic Valve Replacement amp Valves 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 Ruf

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 Replacement and iatrogenic atrial septal defectclosure in an unstable patient
Presenting Author: William Kong
2:00 pm - 3:30 pm
Coronary XIII

2:00 pm
TCT 1280: LM Trifurcation treated as Two sequential bifurcations using two different stent techniques under IVUS guidance
Presenting Author: Dr Parminder Otaal

2:00 pm
TCT 1281: Treating a Post CABG amp Post PCI patient with very complex anatomy
Presenting Author: Dhiman Banik

2:00 pm
TCT 1282: Retrograde PCI of an ostial LAD CTO through a stent implanted from left main to circumflex: rendez vous and chasing wire techniques
Presenting Author: Felipe Hernandez

2:00 pm
TCT 1283: Mini Crush Technique Using A Guideliner A Heavily Calcified LAD Diagonal Bifurcation Lesion
Presenting Author: Emad Effat

2:00 pm
TCT 1284: Peri procedural PCI risk optimization in patient with multivessel calcified lesions and severe left ventricle function reduction
Presenting Author: Enrico Romagnoli

2:00 pm
TCT 1285: Recanalization of ostial RCA CTO with retrograde approach by tortuous epicardial collaterals with MCS.
Presenting Author: Evandro Martins Filho

2:00 pm
TCT 1286: Mirror mirror on the wall Trans radial multi vessel PCI to RCA OM amp CTO LAD in dextrocardia
Presenting Author: Ayash Cader

2:00 pm
TCT 1287: Double DoubleKiss Crush: A newer technique for sequential bifurcation lesions
Presenting Author: Fahad Younas

2:00 pm
TCT 1288: Complex CTO PCI resolved by multiple new technologies of wire direct wire spacing device.
Presenting Author: Benjamin Faurie

2:00 pm
TCT 1289: PCI optimization in a complex case
Presenting Author: Bhupendra Sihaq

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 RCA CTO Intervention in Dual LAD anomaly
Presenting Author: Chi Yan Fang

2:00 pm
TCT 1293: Ping pongguide catheters to facilitate real time IVUS guided recanalisation of stumpless CTO
Presenting Author: Ching-Tang Chang

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 XIV
Discussant: Jose A. Alvarez, Tiziana Claudia Aranzulla, Sukhdeep Singh Basra, Patricia J. Best, Ronald Caputo, Nicola Corvaja, Donald Cutlip, Steffen Desch

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: Claire Raphael

2:00 pm
TCT 1299: Chain reaction Endless nightmares
Presenting Author: Dhiman Banik

2:00 pm
TCT 1300: No decent native vessels poor lv 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: Dong-Kie Kim

2:00 pm
TCT 1302: Antegrade PCI for left main ostial CTO
Presenting Author: Dong-Kie Kim

2:00 pm
TCT 1303: LM 1 anomalous left main with 100 cardiogenic shock with CPR and Impella support she was with successful recovery and discharge home 2 8 year old transplant o left main with 90 3 14 year old male had cardiac arrest resuscitate have 90 left main had LDL 450 xantoma and cholesterolomas
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 Stentys Self Apposing stent in the setting of ACS
Presenting Author: Mohammed Balghith

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 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 - 3:30 pm
Coronary XV
TCT 1310: A HIDDEN OSTIAL LEFT MAIN IN A PATIENT WITH RECURRENT LVF
Presenting Author: Puneet Gupta

TCT 1311: Thrombus storm in left main bifurcation: the nightmare is happening what should we do next
Presenting Author: QUAN NGUYEN MANH

TCT 1312: Acute Coronary Syndrome in an Elderly Male Patient with Isolated Large Left Ventricular Hydatid Cyst Treated by PCI
Presenting Author: Raghuram Palaparti

TCT 1313: FAILED CONSERVATIVE TREATMENT OF SPONTANOUS CORONARY ARTERY DISSECTION
Presenting Author: Robert-Jan Van Geuns

TCT 1314: Change of Bifurcation Strategy for a patient with unstable angina from V-Stenting to mini crush.
Presenting Author: Rohit Mody

TCT 1315: PHARMACOINVASIVE APPROACH IN ACS WITH ACUTE THROMBOTIC OCCLUSION OF SVG LAD GRAFT: A TOUGH ENEMY TO CONQUER
Presenting Author: Rutvik Trivedi

TCT 1316: Acute Inferior STEMI with Cardiogenic Shock - A new management algorithm
Presenting Author: Sanjeev Kumar Agarwal

TCT 1317: Hyperkalemia - The great mimicker.
Presenting Author: Sarfaraz Memon

TCT 1318: PCI amp Stenting of LCA originating from Non Coronary Sinus
Presenting Author: Saurabh Mehratra

TCT 1319: Still inotrops and vasoressors can provide adequate hemodynamic support in high risk patients presenting with ACS tight left main cardiogenic shock.
Presenting Author: Schivan Muhammed

TCT 1320: RE Do PCI in ACS due to intracoronary hematoma
Presenting Author: Stefan Mot

TCT 1321: Bifurcation PCI in Acute Coronary Syndrome - a challenge for interventionalist
Presenting Author: surendar deora

TCT 1322: Acute Non Dominant Right Coronary Artery Occlusion Presented as Anterior ST Elevation Myocardial Infarction
Presenting Author: Tanawan Riangwiwat

TCT 1324: Retrieval of two dislodged coronary stents from the ascending aorta with a snare loop
Presenting Author: MARIA-ERATO ZYMATOURA

2:00 - 3:30 pm
Coronary XVI

Coronary XVI
Discussant: Pravin K. Goel, Jincheng Guo, Stefan Harb, Yutaka Hikichi, Jingbo Hou, Angela Hoye, Dipti Itchhaporia, Adam Janas, Jun Jiang, Aaron V. Kaplan, Yoshiaki Kawase, Joo Myung Lee

TCT 1325: Case presentation Dislodged Stent during bifurcation coronary stenting
Presenting Author: Ahmed Abdallah

TCT 1326: AV fistula and early arterialization of the vein after a radial approach PCI
Presenting Author: Luis Dallan

2:00 - 2:30 pm
TCT 1327: Post Myocardial Infarction Ventricular Septal Defect Closure
Presenting Author: ali Farooq

TCT 1328: When things are not what they seem: Stent assisted coil embolization of an ostial proximal LAD coronary artery aneurysm with subsequent total occlusion of a tortuous ostial LCX after coil herniation
Presenting Author: Andre Lawrence Tojino

TCT 1329: Management of calcified coronary perforation after LM Bifurcation PCI with Rota ablation
Presenting Author: Ankush Gupta

TCT 1330: CASE WE NEARLY LOST Saved by STENT ABLATION
Presenting Author: ASHISH JHA

TCT 1331: The bifurcation that I will never forget
Presenting Author: Azzouz Abdelmalek

TCT 1332: Learning Points of a Retrograde Percutaneous Coronary Intervention of a Chronic Total Occlusion with a Life Threatening Complication
Presenting Author: Judit Karacsonyi

TCT 1333: Hanging by a Thread - Successful Retrieval of a Completely Fractured Coronary Wire
Presenting Author: Kartik Kumar

TCT 1334: Double Guiding Management for Coronary Perforation
Presenting Author: Kazumasa Fujita

TCT 1335: 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

TCT 1336: SQUATCH STENT AS AN ALTERNATIVE TO COVERED STENT
Presenting Author: Kesavamoorthy Bhoopolan

TCT 1337: Radial First .. Think Twice
Presenting Author: Khaled Mansour

2:00 - 3:00 pm
TCT 1338: OPTIMUM DEBULKING STRATEGY IN CHRONIC COMPLETE OCCLUSION
Presenting Author: Kulin Shah

TCT 1339: Management of Pericardial Effusion After Left Main PCI
Presenting Author: Khatira Zaheen

TCT 1340: Optimal Procedure Planning
Presenting Author: Kesavamoorthy Bhoopolan

TCT 1341: A case with Kounis syndrome after Optical Coherence Tomography OCT with Dextran
Presenting Author: Kotaro Kagiyama

TCT 1342: Dislodged Left Main Coronary Artery Stent into Left Deep Femoral Artery
Presenting Author: Kulin Shah

TCT 1343: Predicted Coronary Occlusion and Impella Bailout in Valve Transcatheter Aortic Valve Replacement: The Importance of Optimal Procedure Planning
Presenting Author: Luis Dallan

TCT 1344: A CASE OF INTRACORONARY HEMATOMA IN THE ACRONOMY OF A COAT
Presenting Author: Luis Dallan

TCT 1345: A Special Case of Late Coronary Occlusion: A Surprising`=Solution
Presenting Author: Luis Dallan

TCT 1346: Sternal Perforation After Transcatheter Aortic Valve Replacement (TAVR): A Rare but Not Uncommon Complication
Presenting Author: Luis Dallan
2:00 AM - TCT 1344: Successful use of ECMO CPR during PCI complicated with peri procedural dissection and heart arrest
Presenting Author: Luka Lipor

2:00 AM - TCT 1345: Acute in underexpanded stent thrombosis resulted in STEMI treated successfully with in stentrotablation
Presenting Author: Lukasz Tekiel

2:00 AM - TCT 1346: Delayed Consequences of Coronary Dissection Identified by OCT with IVUS Guided Management
Presenting Author: Luke Peters

2:00 AM - 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 AM - TCT 1348: Exercise induced coronary spasm after everolimus eluting stent implantation
Presenting Author: Kais OUERGHI

2:00 AM - TCT 1349: LMS Left Main Stem bifurcation angioplasty memorable case
Presenting Author: Kunal Mahajan

2:00 AM - TCT 1350: Everolimus eluting Stent causing coronary artery aneurysm in 7 days 3D OCT findings and management
Presenting Author: Pratul Sharma

2:00 AM - TCT 1351: Calcified LAD1 Bifurcation. DK Crush to culotte technique
Presenting Author: PREETI SHARMA

2:00 AM - TCT 1352: OCT Guided Bifurcation Stenting to LMLAD and RAMUS
Presenting Author: SELVAMANI SETHURAMAN

2:00 AM - 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 AM - 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 AM - 3:30 AM
Endovascular V

2:00 AM - TCT 1355: Transfemoral Transcatheter Aortic Valve Replacement in High risk Tortuous Aorta
Presenting Author: Jian Liang Tan

2:00 AM - TCT 1356: Staged Hybrid Transcatheter Thoracic Endovascular Aortic Repair TEVAR with Total Debranching of Supra aortic Trunks.
Presenting Author: Jian Liang Tan

2:00 AM - TCT 1357: A case of humongous Thoracic Aortic Aneurysm with chest wall Erosion and Impending Rupture managed successfully by Thoracic Endo Vascular Aneurysm Repair
Presenting Author: Keshavamurthy G

2:00 AM - TCT 1358: Successful Percutaneous Trapping of an Anomalous Splenic Artery Aneurysm
Presenting Author: Keshavamurthy G

2:00 AM - TCT 1359: Pt presents with ascending aortic pseudoaneurysm between the origins of 2 SVG supplying the D and LCx both native CTO. Staged procedure. CTO recannalization of D and Lcx then ascending TEVAR covering SVGs with retrograde coiling of endoleak from SVG to OM
Presenting Author: Michael Rinaldi

2:00 AM - TCT 1360: Third Time is The Charm
Presenting Author: Maryna Popp

2:00 AM - TCT 1361: Bad Luck Comes in Threes. TAVI complicated by aortic dissection complete heart block and anterior myocardial infarct. A Case Report.
Presenting Author: Mena Salib

2:00 AM - TCT 1362: Pt presents with ascending aortic pseudoaneurysm between the origins of 2 SVG supplying the D and LCx both native CTO. Staged procedure. CTO recannalization of D and Lcx then ascending TEVAR covering SVGs with retrograde coiling of endoleak from SVG to OM
Presenting Author: Michael Rinaldi

2:00 AM - TCT 1363: Percutaneous closure of multiple subannular PA of aortic root following surgical aortic valve replacement
Presenting Author: Oleg Krestyaninov

2:00 AM - TCT 1364: TRAUMATIC FISTULA BETWEEN THE INNOMINATED VEIN AND THE AORTIC ARCH NOT EVERYTHING IS CORONARY
Presenting Author: Paulina Cisneros

2:00 AM - TCT 1365: Fully percutaneous aneurysm sac embolization in type IB endoleak
Presenting Author: RAMON RAMIREZ KOELLKER

2:00 AM - TCT 1366: Correction of a Malpositioned Self Expanding Transcatheter Aortic Valve Replacement Using Snare Manoeuvre.
Presenting Author: uday ponangi

2:00 AM - TCT 1367: The Dynamic Evolution of Aortic Intramural Haematoma
Presenting Author: Xun Yuan

2:00 AM - 3:30 AM
Endovascular VI

2:00 AM - TCT 1368: Endovascular coil embolization treatment of a right coronary artery giant aneurysm
Presenting Author: Yoshi Kazuno

2:00 AM - TCT 1369: Challenging renal artery intervention perforation and timely escape
Presenting Author: Alok K. Ranjan

2:00 AM - TCT 1370: Never ending nightmare at femoral access site
Presenting Author: Bhuvan Chandra Tiwari

2:00 AM - TCT 1371: Unexpected use of Proglide in Aortic Arch
Presenting Author: Salvatore Sacca

2:00 AM - TCT 1372: Inadvertent large sheath deep in the proximal common carotid artery Successful removal using Proglide Closure Device
Presenting Author: Dimitrios Nikas

2:00 AM - TCT 1373: A Novel Subcutaneous Fat Tissue Embolisation Technique for Renal Hemorrhage Complications
Presenting Author: ERHAN TENEKECIOGLU

2:00 AM - TCT 1374: An unusual treatment of peripheral stent dislodgement
2:00 PM  
**TCT 1379: Traumatic aorto arial fistula due to peripheral stent migration.**  
Presenting Author: Sonal Pruthi

2:00 PM  
**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, Michel Camille Henry, Shingo Kaneko, Vishal Kapur, Zaza Kavteladze, Lee Kirksey, Charles Matouk, Matthew T. Menard, Peter P. Monte Leone, Mitul Patel

2:00 PM  
**TCT 1382: A long journey to save critical limb ischemia of right foot: Endovascular revascularization of both iliac right superficial femoral and anterior tibial arteries**  
Presenting Author: Taek-Geun Kwon

2:00 PM  
**TCT 1383: A case report of pulmonary vein stenosis after radiofrequency ablation for atrial fibrillation.**  
Presenting Author: TATSUNORI IKEDA

2:00 PM  
**TCT 1384: Three cases of May Thurner syndrome successfully treated by intravascular ultrasound IVUS guided balloon angioplasty and catheter directed thrombolysis through the popliteal vein.**  
Presenting Author: Tsubasa NODA

2:00 PM  
**TCT 1385: Catheter directed thrombolysis for management of lower extremity acute limb ischemia four days after intracranial hemorrhage**  
Presenting Author: Valentina Jaramillo

2:00 PM  
**TCT 1386: Sirolimus Eluting BioResorbable Peripheral Scaffold System in Patient With Chronic Kidney Disease and Hypertension**  
Presenting Author: Narendra Khanna

2:00 PM  
**TCT 1387: Phlegmasia Cerulea Dolens Secondary to May Turner Syndrome**  
Presenting Author: Wai Kin Chi

2:00 PM  
**TCT 1388: Successful catheter directed thrombolysis of massive bilateral upper extremity DVT presenting as SVC syndrome**  
Presenting Author: Dominika Zoltowska

2:00 PM  
**TCT 1389: A case with Leriche syndrome popliteal artery occlusion and chronic venous ulcers Which lesions and when should we treat**  
Presenting Author: Yuki Matsubara

2:00 PM - 3:30 PM  
**Coronary XIX**

Discussant: 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 1391: The tell tale heart: invasive coronary angiography on normothermic ex vivo perfusion**  
Presenting Author: Pankaj Jain

2:00 PM  
**TCT 1392: An Unusual case of Severe LVSD Secondary to Spontaneous Dissection in both LAD and RCA in a 29 year old man detected due to CKD**  
Presenting Author: Praveen Sadarmin

2:00 PM  
**TCT 1393: Snowman has come**  
Presenting Author: Koki Sagane

2:00 PM  
**TCT 1394: Importance of Integrating Coronary Anatomy and Physiology**  
Presenting Author: Ahmed El Amrawy

2:00 PM  
**TCT 1395: The 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: Lerin 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. Fleishman, Jason Foerst, Christian Frerker

2:00 PM  
**TCT 1398: Alcohol Ablation of Extra cardiac Thoracic Tumor**  
Presenting Author: Nikoloz Shelidize

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 bioprosthesis mitral valve deterioration**  
Presenting Author: Pouyan Arman
TCT 1403: CoreValve compression due to extremer Aortic Valve Calcification  
Presenting Author: John Ko

TCT 1404: How to cross the valve with Evolut R when the aortic to Prosthetic valve angle is prohibitive and all conventional tricks failed  
Presenting Author: Edo Kaluski

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

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

TCT 1408: Percutaneous closure of Aorta Right Ventricular Fistula and Paravalvular leak after Transcatheter Aortic Valve Implantation  
Presenting Author: Ahmed Alabbady

TCT 1409: A tailored approach to Valve in Valve.  
Presenting Author: Alessandra Notaricchia

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

TCT 1411: TAVR in TAVR in a surgically replaced aortic valve with a homograft.  
Presenting Author: Fady Marmoush

TCT 1413: BILATERAL TRANSRADIAL AORTIC VALVULOPLASTY WITH DOUBLE ANGIOPLASTY BALLOON OUR FIRST EXPERIENCE.  
Presenting Author: Ramiro Trillo Nouche

TCT 1415: First Transcaval Transcatheter Aortic Valve Replacement using 14F Axial Sheath and a 26mm Sapien Ultra Valve  
Presenting Author: Hector Alvarez

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

TCT 1418: Unorthodox and Unnerving A Challenging Para Valvular Leak Closure  
Presenting Author: Imran BAIG

TCT 1419: When Access is the Issue: Transaxillary Approach for TAVR in a Patient with Peripheral Artery Disease  
Presenting Author: Jacob Grand

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: Ahamed Alabbady

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 Napolano, Nish Patel, Marcello Sena

TCT 924: Abbreviation of Eptifibatide Therapy Improves Safety in STEMI Patients Undergoing Primary Percutaneous Coronary Intervention  
Presenting Author: Florian Fischer

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

TCT 926: Association Between Renal Function Impairment and Multivessel Involvement in Patients With Acute ST Elevation Myocardial Infarction  
Presenting Author: How-Ran Guo

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

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

TCT 929: Aborted myocardial Infarction in patients with STEMI treated Percutaneous Coronary Interventions  
Presenting Author: Lukasz Konarski

9:15 AM - 10:45 AM
Coronary IX
Discussant: Nabil Farag, Anton Farkas, Marc D. Feldman, Hans R. Figulla, Joo Myung Lee, Edward J. McNulty, Toshiya Muramatsu

TCT 930: Role of simultaneous positron emission tomography/magnetic resonance imaging to detect viable myocardium after acute myocardial infarction  
Presenting Author: Jung-Hee Lee

TCT 931: Non ST Elevation Myocardial Infarction in Hospitalized Patients With Atrial Fibrillation  
Presenting Author: Pengyang Li
9:15  AM  TCT 932: Recognized Sleep Apnea Patients Have Lower Hospital Mortality When Admitted For Acute Myocardial Infarction Compared To Patients Without Sleep Apnea Across US Hospitals
Presenting Author: Muhammad Waqar Liaqat

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: Yosuke 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 - 10:45  AM  Coronary X
Discussant: Christoph Dietrich Garlich, 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 - 10:45  AM  Coronary XI
Discussant: Diego D. Grinfeld, Akriti 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: Vera Marinho

9:15  AM  TCT 944: Eximer 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 Xiencia drug eluting metallic stent in diabetic or non diabetic patients in routine PCI AIDA trial sub study.
Presenting Author: Ruben Tijssen

9:15 - 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 968: Cancer diagnosis in patients undergoing percutaneous coronary intervention
Presenting Author: KENJI KANENAWA

9:15  AM  TCT 969: Prediction Model for Clinically Relevant Diagonal Branches Based on Anatomical Attributes
Presenting Author: Seokhun Yang

9:15  AM  TCT 970: Factors Affecting Serum Midkine as an Early Predictor of Contrast Induced Acute Kidney Injury in Acute Coronary Syndrome Patients Undergoing Percutaneous Coronary Interventions
Presenting Author: Mohamed Ahmed

9:15 - 10:45  AM  Coronary XIII
Discussant: Shams Munwar, Shigeru Nakamura, Eugenia Nikolsky, Alexander Grigorievich Osiev, George J. Vlachojannis, Alexandre C. Zago

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: Hernan Mejia-Renteria
9:15 am - 10:45 am
 Coronary XIV
 Discussant: Akram W. Ibrahim, Jan I. Piek, Alfredo E. Rodriguez, Joao Brum Silveira, Glenn Van Langenhove, Mark W.J. Webster

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 Vessel Reconstruction in Determining the Accuracy of Virtual Diagnostic Workflows for Coronary Artery Disease 
 Presenting Author: Rashni 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: yoshihiro okaya

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 - 10:45 am
 Coronary XV
 Discussant: Hadi Abu-Hantash, Nima Aghili, H. Vernon Anderson, Dimitrios Bliagos, Sonya Burgess, Pavel Cervinka, Riccardo Colantonio

9:15 am
 TCT 957: A Comparison of Cardiac Allograft Vasculopathy Plaque Burden Measured by Optical Coherence Tomography and Intravascular Ultrasound: A Potential for Early Diagnosis 
 Presenting Author: Sean Smith

9:15 am
 TCT 958: Prognostic Evaluation of Point Of Care Lung Ultrasound And Left Ventricle End Diastolic Pressure in Patients With ST Segment Elevation Myocardial Infarction Submitted to Coronary Angiography 
 Presenting Author: Rafael Coimbra Ferreira Beltrame

9:15 am
 TCT 960: Comparison of Coronary Artery Dimensions Between Asian and Caucasian Subjects Who are Free From Coronary Artery Disease CAD. 
 Presenting Author: Jaroslav Skowroński

9:15 am
 TCT 961: Feasibility of Morphological Assessment of Coronary Artery Calcium with Electrocardiogram gated Non contrast Computed Tomography: A Comparative Study with Optical Coherence Tomography 
 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 966: Inadequate dosage of intracoronary adenosine predicted higher adverse cardiovascular events 
 Presenting Author: Po-Lin Lin

9:15 am
 TCT 967: The Utility of iFR for Predictor of MACE in Stable Angina Pectoris 
 Presenting Author: Nao Yasuda

9:15 am - 10:45 am
 Coronary and Structural I
 Discussant: Alejandro Cherro, Matthew J. Daniels, Eduardo De Marchena, Robbert 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: Stamatiou Lekakis

9:15 am
 TCT 980: Coronary Hemodynamics Improvement due to Left Ventricular Reverse Remodeling after Transcatheter Aortic Valve Replacement
PHYSIOLOGY SIMPLIFIED: A HANDS-ON RFR SKILLS LAB

**Coronary: Core**

**FRIDAY, SEPTEMBER 27, 2019**

**8:00 am - 9:30 am**

**Physiology Simplified: A Hands-On RFR Skills Lab**

**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

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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**

**Now That I See It, I Know How To Treat It!: A Hands-On OCT Skills Lab**

**Abbott Pavilion**

**10:00 am - 10:20 am**

**OCT: Now That I See It — Presentation**


**10:20 am - 11:30 am**

**Hands-On Sessions**

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**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:** Kazuki Mizutani

**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 Valve 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:** Francesco José Romeo

**9:15 am**

**TCT 985:** Incidence Predictors and Outcomes of Periprocedural Stroke in Patients Undergoing TAVR: Report from National Inpatient Sample.

**Presenting Author:** Syed Moinuddin

**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 988:** The Effect of Prior Percutaneous Coronary Intervention on Pulmonary Artery Systolic Pressure and Ejection Fraction After Transcatheter Aortic Valve Replacement

**Presenting Author:** Cecillia Wong

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**9:15 am**

**TCT 989:** In hospital Outcomes of Transcatheter Aortic Valve Replacement in Patients with Atrial Fibrillation: Nationwide Database Analysis

**Presenting Author:** FANGCHENG WU

**9:15 am**

**TCT 990:** Incidence Clinical Correlates Timing of Occurrence and Consequences of Acute Thrombus Formation in Patients Undergoing The MitraClip Procedure

**Presenting Author:** Jerzy Pregowski

**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:** David Reuter, MD
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: CHICoronal: 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 SupportSpecialty Wires Overview and Hands On Activity
- 1:10 pm TurnTrac Wire Overview and Hands On Activity

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

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

PHYSIOLOGY SIMPLIFIED: A HANDS-ON RFR SKILLS LAB

Physiology Simplified: A Hands-On RFR Skills Lab
Coronary: CHICoronal: Core

FRIDAY, SEPTEMBER 27, 2019
2:00 pm - 3:30 pm
Abbott Pavilion

2:00 pm - 2:15 pm
Didactic Session
Training Pavilion Faculty: Ziad A. Ali, Kevin J. Croce, Allen Jeremias, Eric Lindley, R. Jay Widmer, Jason Wollmuth

2:15 pm - 3:30 pm
Hands-On Activity Guided by Five Case Scenarios: Utilizing a Wet Model to Perform RFR and FFR
Training Pavilion Faculty: Ziad A. Ali, Kevin J. Croce, Allen Jeremias, Eric Lindley, R. Jay Widmer, Jason Wollmuth

ROTAPRO™ FOR PLAQUE MODIFICATION AND VESSEL PREP

ROTAPRO™ for Plaque Modification and Vessel Prep
Coronary: CHICoronal: Core

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

Complex Lesion Algorithmic Approach: Proven Devices and New Applications
Coronary: CHICoronal: Core

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

10:00 AM - 11:30 AM
Transseptal Hands-On Training Program
Structural: Valve
Structural: Non-Valve

FRIDAY, SEPTEMBER 27, 2019
12:00 PM - 1:30 PM
Boston Scientific Pavilion

12:00 PM Introduction
12:05 PM Video Tutorials
12:20 PM Step by Step Transseptal Technique Interventional Tools and Complication Management
12:40 PM Hands On Rotations

WHO IS MY POTENTIAL RDN CANDIDATE?: AN INTERACTIVE DISCUSSION ON RDN CANDIDATE SELECTION

8:00 AM - 9:30 AM
Who is my Potential RDN Candidate?: An Interactive Discussion on RDN Candidate Selection
Training Pavilion Faculty: Chandan Devireddy, Ying-Hsiang Lee, Andrew Sharp, Michael A. Weber, Joachim Weil

8:00 AM Welcome and Session Objectives
8:10 AM Patient 1: Renal Denervation as the First Option
8:25 AM Patient 2: Renal Denervation After 1 2 Agents Have Been Tried
8:40 AM Patient 3: trHTN is the Ideal Renal Denervation Patient Profile
8:55 AM Real World Application: Taiwan Experience
9:05 AM Panel Discussion: Global Views on Patient Selection
9:15 AM Patient Preference and Bringing It All Together

ADVANCED TECHNIQUES FOR LAAC PROGRAMS

12:00 PM - 1:30 PM
Advanced Techniques for LAAC Programs
Structural: Non-Valve

FRIDAY, SEPTEMBER 27, 2019
2:00 PM - 3:30 PM
Boston Scientific Pavilion

2:00 PM Introduction
2:05 PM DataProcedural Overview
2:35 PM Case Reviews and Workflow Examples
BIFURCATION PCI: A STEP-BY-STEP TRAINING APPROACH (VISIBLE HEART)

**Bifurcation PCI: A Step-by-Step Training Approach (Visible Heart)**

**Coronary: Core**

**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*

CONTEMPORARY CONSIDERATIONS FOR TAVR HEMODYNAMICS

**Contemporary Considerations for TAVR Hemodynamics**

*Structural: Valve*

**FRIDAY, SEPTEMBER 27, 2019**

*4:00 PM - 5:30 PM*

*Medtronic Pavilion*

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*

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*

**Core**

FRIDAY, SEPTEMBER 27, 2019

12:00 PM - 1:30 PM

Medtronic Pavilion

12:00 PM - 1:30 PM

**Onyx ONE and the High Bleeding Risk Patient: Real-World Case Reviews and Discussion**

*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*

FRIDAY, SEPTEMBER 27, 2019

2:00 PM - 3:30 PM

Medtronic Pavilion

2:00 PM - 3:30 PM

**TAVR in Bicuspid Aortic Valves**

*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*

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*

**FRIDAY, SEPTEMBER 27, 2019**

8:00 AM - 9:30 AM

CRF Pavilion 1

8:00 AM - 9:30 AM

**See Clearly, Treat Optimally: Practical Training in Dynamic Coronary Roadmap and IntraSight**
SEE CLEARLY, TREAT OPTIMALLY: PRACTICAL TRAINING IN INTRASIGHT, IFR AND IFR CO-REGISTRATION

See Clearly, Treat Optimally: Practical Training in IntraSight, iFR and iFR Co-Registration

Coronary: Core

FRIDAY, SEPTEMBER 27, 2019
10:00 AM - 11:30 AM
CRF Pavilion 1

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

Hands-On Training on ELCA Laser for Complex Coronary Interventions (A Journey to LASER Training Requirements)

Coronary: CHIP

FRIDAY, SEPTEMBER 27, 2019
2:00 PM - 3:30 PM
CRF Pavilion 1

2:00 PM - 3:30 PM
Hands-On Training on ELCA Laser for Complex Coronary Interventions (A Journey to LASER Training Requirements)

Training Pavilion Faculty: Sanjog Kalra, Ajay J. Kirtane

2:00 PM  Introduction
2:05 PM  KOL Presentation: Another Notch on Your Complex PCI Tool Belt A Journey to LASER Competence
2:25 PM  Laser Hands On
2:40 PM  Simulator 1: ISR Case
2:55 PM  Simulator 2: CTO Case
3:10 PM  KOL Doing Cases
3:25 PM  Closing and Adjourn

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 PM - 1:30 PM
CRF Pavilion 1

12:00 PM - 1:30 PM
Hands-On Training on ELCA Laser for Complex Coronary Interventions (A Journey to LASER Training Requirements)

Training Pavilion Faculty: Kevin J. Croce, Arasi Maran

12:00 PM  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
1:25 PM  Closing and Adjourn

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 PM - 5:30 PM
CRF Pavilion 1
WHAT YOU NEED TO KNOW REGARDING THE CLASP IID/IIF PIVOTAL TRIAL: NOVEL MITRAL REPAIR SYSTEM CURRENTLY UNDER CLINICAL STUDY IN THE US

World Launch of the Edwards BENCHMARK Program: Improving Patient Access and Outcomes Without Compromising Safety — Consistent Outcomes, Agnostic of Volume

WHAT YOU NEED TO KNOW REGARDING THE CLASP IID/IIF PIVOTAL TRIAL: NOVEL MITRAL REPAIR SYSTEM CURRENTLY UNDER CLINICAL STUDY IN THE US

World Launch of the Edwards BENCHMARK Program: Improving Patient Access and Outcomes Without Compromising Safety — Consistent Outcomes, Agnostic of Volume

WHAT YOU NEED TO KNOW REGARDING THE CLASP IID/IIF PIVOTAL TRIAL: NOVEL MITRAL REPAIR SYSTEM CURRENTLY UNDER CLINICAL STUDY IN THE US
World Launch of the Edwards BENCHMARK Program: Improving Patient Access and Outcomes Without Compromising Safety — Consistent Outcomes, Agnostic of Volume

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Consortium of institutions and individuals
- Oluseun Alli
- Rosemary Hansen
- Vijay Iyer
- Lorie Mariano
- Douglas F. Muir
- Charles Nyman
- Mark Spence
- Alex Vasquez

2:00 PM - 3:30 PM
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

Didactic Sessions
- 2:00 PM
- 3:00 PM
Application: Using the App

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Considerations for Managing TAVR and Concomitant Coronary Artery Disease (CAD) in This New World

- 4:00 PM - 5:30 PM
- FRIDAY, SEPTEMBER 27, 2019
- CRF Pavilion 2

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
  Access to Coronaries after TAVR: The Next Big Thing
  Training Pavilion Faculty: John G. Webb

- 4:10 PM
  The Scope of the Problem: Review of Recent Evidence
  Training Pavilion Faculty: Janarthanan Sathananthan

- 4:20 PM
  When is TAVR and PCI not Appropriate: A Surgeons Perspective
  Training Pavilion Faculty: Mark J. Russo

- 4:30 PM
  Challenging Coronary Access Case
  Training Pavilion Faculty: Ethan C. Korngold

- 4:35 PM
  Discussion

- 4:40 PM
  Challenging Coronary Access Case
  Training Pavilion Faculty: Rahul Prakash Sharma

- 4:45 PM
  Discussion

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BE CALCULATED: OPTIMIZING PREPARATION OF SEVERELY CALCIFIED CORONARY LESIONS

- 8:00 AM - 9:30 AM
- FRIDAY, SEPTEMBER 27, 2019
- CRF Pavilion 3

Be Calculated: Optimizing Preparation of Severely Calcified Coronary Lesions
Coronary: CHICoronaCore

- 8:00 AM
  Introduction

- 8:05 AM
  Didactic Including Case Review

- 8:50 AM
  Hands On

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ESSENTIAL GUIDEWIRE AND MICROCATHETER TECHNIQUES FOR COMPLEX PCI

- 4:50 PM
  Challenging Coronary Access Case
  Training Pavilion Faculty: Derk Frank

- 4:55 PM
  Discussion

- 5:00 PM
  COMPLETE TAVR: Study Design and Rationale
  Training Pavilion Faculty: David A. Wood

- 5:15 PM
  Discussion and Questions

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ESSENTIAL GUIDEWIRE AND MICROCATHETER TECHNIQUES FOR COMPLEX PCI

- 10:00 AM - 11:30 AM
- FRIDAY, SEPTEMBER 27, 2019
- CRF Pavilion 3

Be Calculated: Optimizing Preparation of Severely Calcified Coronary Lesions
Coronary: CHICoronaCore

- 10:00 AM
  Introduction

- 10:05 AM
  Didactic With Case Review

- 10:50 AM
  Hands On
FRIDAY, SEPTEMBER 27, 2019
2:00 PM - 3:30 PM
Essential Guidewire and Microcatheter Techniques for Complex PCI
Training Pavilion Faculty: Tony J. DeMartini, Robert F. Riley, Craig A. Thompson

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: CHIPCoronary: Core

FRIDAY, SEPTEMBER 27, 2019
4:00 PM - 5:30 PM
LMCA Intervention - 1
Moderators: Darshan Doshi, Runlin Gao
Discussants: Andrejs Erglis, Vasim Farooq, Mirosław Ferenc, Tim A. Fischell

9:30 AM - 10:30 AM
LMCA Intervention - 1
Presenting Author: Tatsuhiko Fujimura

9:30 AM TCT 382: Technical Issues in Two Stent Distal Left Main Bifurcation Treatment: An EXCEL Trial Intravascular Ultrasound Substudy
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
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
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
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
10:17 AM Discussion
10:20 AM TCT 387: Clinical Outcome of Contemporary Unprotected Left Main Percutaneous Coronary Intervention in Patients with Acute Myocardial Infarction
10:27 AM Discussion

LEFT ATRIAL APPENDAGE EXCLUSION - 1

FRIDAY, SEPTEMBER 27, 2019
9:30 AM - 10:30 AM
Moderated Posters 2

9:30 AM - 10:30 AM
LEFT ATRIAL APPENDAGE EXCLUSION - 1
Moderators: Krzysztof Bartus, Robert J. Cubeddu
Discussants: Francesco Bedogni, Stefan C. Bertog, Habib Gamra, Jai-Wun Park

9:30 AM TCT 370: Clinical Outcomes of Subjects With and Without Prior Gastrointestinal Bleeding in the Amplatzer Amulet Observational Study
MANAGEMENT OF ANTIPLATELET THERAPY AND ANTICOAGULATION IN PATIENTS UNDERGOING PCI - 3

Management of Antiplatelet Therapy and Anticoagulation in Patients Undergoing PCI - 3

FRIDAY, SEPTEMBER 27, 2019
9:30 am - 10:30 am
Moderated Posters 4

9:30 am - 10:30 am
Management of Antiplatelet Therapy and Anticoagulation in Patients Undergoing PCI - 3
Moderators: Dimitrios Alexopoulos, William J. French
Discussants: Gennaro Giustino, Hyo-Soo Kim, Michael A. Kutcher, Gary L. Schaer

9:30 am TCT 406: Clinical Impact of DAPT Cessation Within 12 Months of Drug Eluting Stent Implantation in Caucasians and Minorities: Insights From the PLATINUM Diversity and PROMUS Element Plus Post Approval Study
Presenting Author: Davide Cao

9:37 am Discussion

9:40 am TCT 407: Adherence to dual antiplatelet therapy and long term outcome of drug eluting or bare metal stents: A Korean nationwide longitudinal real world cohort study
Presenting Author: Jung Min Rosa Choi

9:50 am Discussion

10:00 am TCT 408: Impact of dedicated dual antiplatelet therapy with low dose prasugrel on mid term vascular response after everolimus eluting stent implantation
Presenting Author: Takayoshi Toba

10:07 am Discussion

10:10 am TCT 409: A Novel Ticagrelor Coated Stent to Eliminate the Need for Dual Anti Platelet Therapy Post PCI
Presenting Author: Jared Romeo

10:17 am Discussion

10:20 am TCT 411: Predictors for Early Discontinuation of Ticagrelor in Patients with Acute Coronary Syndrome.
Presenting Author: Sang Hyun Park

10:27 am Discussion

NATURAL HISTORY AND MANAGEMENT OF BICUSPID AORTIC VALVE DISEASE

Natural History and Management of Bicuspid Aortic Valve Disease

Structural: Valve

FRIDAY, SEPTEMBER 27, 2019
9:30 am - 10:10 am
Moderated Posters 1

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 DUPE

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
OUTCOMES AFTER PRIMARY PCI - 5

Moderators: Maurizio Menichelli, Evgeny V. Merkulov
Discussants: John C. Messenger, Zuzana Motovska, Alexey A. Protopopov

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 Telesenting: Exploring the Potential Impact of Network Delays on Telesenting Performance
Presenting Author: Paulina Phomvongsa

9:47 AM Discussion

9:50 AM TCT 508: Telemedicine Without Borders
Presenting Author: Sameer Mehta

9:57 AM Discussion

10:00 AM TCT 509: Trends in the Management of ST segment Elevation Myocardial Infarction STEMI: Insights from a Regional STEMI Program 2003 2018
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

Presenting Author: Muhammad Rashid

10:27 AM Discussion

10:30 AM TCT 513: Clinical outcomes of atherectomy use for the treatment of symptomatic peripheral vascular disease
Presenting Author: Mohammad Mehdi Ansari

9:57 AM Discussion

10:00 AM TCT 507: Very Long Term Clinical Outcomes After Endovascular TherapyFor Peripheral Arterial Disease
Presenting Author: Tomonori Katsuki

10:07 AM Discussion

10:10 AM TCT 508: In hospital Outcomes and Trends of Endovascular Intervention vs Surgical Revascularization among Octogenarian Patients with Peripheral Artery Disease
Presenting Author: Hamam Moussa Pacha

10:17 AM Discussion

10:20 AM TCT 509: Target lesion revascularization after percutaneous revascularization of lower limb arteries
Presenting Author: Gerardo Nau

10:27 AM Discussion
Presenting Author: Kyungil Park

9:37 AM Discussion
9:40 AM TCT 588: Mid and Long term Clinical Outcomes of Percutaneous Coronary Intervention with Drug Eluting stent Implantation: Fractional Flow Reserve Guided Versus Intravascular Ultrasound Guided
Presenting Author: Kounosuke Inoue

9:47 AM Discussion
9:50 AM TCT 589: Role of the Position of the Pressure Guidewire Sensor Distal to the Coronary Artery Stenosis on Fractional Flow Reserve Measurements
Presenting Author: Karl Isaaz

9:57 AM Discussion
10:00 AM TCT 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
10:10 AM TCT 592: Exercise induced EPC mobilization improved the endothelial dysfunction in PCI patients
Presenting Author: Jae Hyoung Park

10:17 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 AM - 10:30 AM Revascularization in Patients With Diabetes - 2
Moderators: Michael Maeng, Robert L. WilenskyDiscussants: 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

9:37 AM Discussion
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

9:47 AM Discussion
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

9:57 AM Discussion
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

10:07 AM Discussion
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

10:17 AM Discussion
10:20 AM TCT 638: Diabetes Mellitus Confers Worse Clinical Outcomes At 1 Year Compared to Non Diabetes Mellitus In All Comer Population Implanted With Biodegradable Polymer Everolimus Eluting Stents
Presenting Author: Hui Wen Sim

10:27 AM Discussion

BIORESORBABLE SCAFFOLDS - 3

Bioresorbable Scaffolds - 3

Coronary: Core

FRIDAY, SEPTEMBER 27, 2019
10:30 AM - 11:20 AM
Moderated Posters 4

10:30 AM - 11:20 AM Biosorbable Scaffolds - 3
Moderators: Arif Al Nooryani, Sundeep MishraDiscussants: 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 Biosorbable 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 Biosorbable Scaffolds Versus Conventional Everolimus Eluting Stents in ISAR Absorb MI Trial

Presenting Author: Hui Wen Sim
10:30 AM - 10:50 AM
TCT 212: Reasonable Recanalization of Chronic Total Occlusion Improves Long Term Clinical Outcomes: Data from 2659 Consecutive Patients
Presenting Author: Lihua Xie
Discussion

10:57 AM - 11:00 AM
TCT 215: Clinical outcomes of percutaneous coronary intervention for ostial left anterior descending artery chronic total occlusion
Presenting Author: Euihong Ko
Discussion

11:00 AM - 11:10 AM
TCT 219: Comparison of Thromboresistance between Everolimus eluting Fluoropolymer Stent and Currently Available Drug Eluting Stent in an Ex Vivo Swine Shunt Model under Only Single Antiplatelet Therapy
Presenting Author: Hiroyuki Jinnouchi
Discussion

11:07 AM - 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
Discussion

11:17 AM - 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
Discussion
**LMCA Intervention**

**Coronary: CHIP**

**FRIDAY, SEPTEMBER 27, 2019**
**10:30 AM - 11:30 AM**
**Moderated Posters 2**

**10:30 AM - 11:30 AM**
**LMCA Intervention - 2**
**Moderators: Dietmar H. Glogar, Victor Guetta**
**Discussants: Ning Guo, Stuart Head, Javaid Iqbal, Sasko Kedev**

- **10:30 AM**
  - TCT 388: Very Long Term gt10 Years Safety and Effectiveness of Drug Eluting or Bare Metal Stents for Unprotected Left Main Coronary Disease
  - **Presenting Author:** Han-bit Park

- **10:37 AM**
  - Discussion

- **10:40 AM**
  - TCT 389: Prospective Evaluation of the Drug Eluting Self Apposing Stent for the Treatment of Unprotected Left Main Coronary Artery Disease: 2 Year Results of the TRUNC Study
  - **Presenting Author:** Corrado Tamburino

- **10:47 AM**
  - Discussion

- **10:50 AM**
  - TCT 390: Impact of SYNTAX Score on Long Term Clinical Outcomes in Patients Treated With New Generation Drug Eluting Stents for Unprotected Left Main Disease
  - **Presenting Author:** Takashi Hiromasa

- **10:57 AM**
  - Discussion

- **11:00 AM**
  - TCT 391: 10 Year Clinical Outcomes After Stents versus Coronary Artery Bypass Grafting for Left Main Coronary Artery Disease According to Lesion Location: Results From the MAIN COMPARE registry
  - **Presenting Author:** Junho Hyun

- **11:07 AM**
  - Discussion

- **11:10 AM**
  - TCT 392: In Hospital Outcomes of ST Segment Elevation Myocardial Infarction Involving the Left Main Coronary Artery: Insights from the National Inpatient Sample
  - **Presenting Author:** Mohamed Omer

- **11:17 AM**
  - Discussion

- **11:20 AM**
  - TCT 393: A real world registry of patients with left main coronary artery stent restenosis: Clinical angiographic characteristics therapeutic management and long term follow up.
  - **Presenting Author:** Luis Marcos Lopez Rojas

- **11:27 AM**
  - Discussion

**LEFT ATRIAL APPENDAGE EXCLUSION - 2**

**Left Atrial Appendage Exclusion - 2**
**Structural: Non-Valve**

**FRIDAY, SEPTEMBER 27, 2019**
**10:30 AM - 11:30 AM**
**Moderated Posters 5**

**10:30 AM - 11:30 AM**
**Left Atrial Appendage Exclusion - 2**
**Moderators: Jason H. Rogers, Apostolos Tzikas**
**Discussants: Anibal A. Damonte, David E. Thaler**

- **10:30 AM**
  - TCT 376: Randomized Trial of Conventional Transseptal Needle Versus Radiofrequency Energy Needle Puncture for Left Atrial Access during Cryoballoon Ablation the CRYO LATS Study
  - **Presenting Author:** Jason Andrade

- **10:37 AM**
  - Discussion

- **10:40 AM**
  - TCT 377: Use of Novel Oral Anticoagulation Therapy Alone NOAC Versus NOAC in Conjunction with Aspirin for Anticoagulation Following Implantation of the Watchman Left Atrial Appendage Closure Device
  - **Presenting Author:** Benita Tjoe

- **10:47 AM**
  - Discussion

- **10:50 AM**
  - TCT 378: Percutaneous Left Atrial Appendage Closure in Female Patients
  - **Presenting Author:** Konstantinos Voudris

- **10:57 AM**
  - Discussion

- **11:00 AM**
  - TCT 379: First experience with the ExpanSure Dilation System to streamline transseptal puncture for left atrial appendage closure
  - **Presenting Author:** Jacqueline Saw

- **11:07 AM**
  - Discussion

- **11:10 AM**
  - TCT 380: Feasibility of LAmbré 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 LAAO in this special cohort
  - **Presenting Author:** Felix Woitek

- **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**
**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 Shreenivas**
**Discussants: 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
Discussion
Presenting Author: Chris Kovach
Discussion
10:47 AM TCT 462: Valvular Remodeling and Myocyte Dysfunction at an Early Stage of Ischemic Mitral Regurgitation in a Relevant Translational Pig Model
Presenting Author: Ouafa Hamza
Discussion
10:50 AM TCT 463: Transcatheter Mitral Valve Replacement in a Series of Ten Compassionate Use Cases With Mid Term Follow up
Presenting Author: Sebastian Ludwig
Discussion
10:57 AM TCT 464: The Volume Outcomes for Percutaneous Mitral Valve Repair MitraClip Procedure in a US Registry
Presenting Author: Jad Omran
Discussion
11:00 AM TCT 465: Automatic Identification and Quantification of the Mitral Annulus for Consistent TMVR Planning A Preliminary Study
Presenting Author: Janelle Schrot
Discussion
11:07 AM Discussion
Presenting Author: Chris Kovach
Discussion
11:17 AM TCT 468: Valvular Remodeling and Myocyte Dysfunction at an Early Stage of Ischemic Mitral Regurgitation in a Relevant Translational Pig Model
Presenting Author: Ouafa Hamza
Discussion
11:20 AM TCT 469: Transcatheter Mitral Valve Replacement in a Series of Ten Compassionate Use Cases With Mid Term Follow up
Presenting Author: Sebastian Ludwig
Discussion
11:27 AM TCT 470: The Volume Outcomes for Percutaneous Mitral Valve Repair MitraClip Procedure in a US Registry
Presenting Author: Jad Omran
Discussion
11:30 AM TCT 471: Automatic Identification and Quantification of the Mitral Annulus for Consistent TMVR Planning A Preliminary Study
Presenting Author: Janelle Schrot
Discussion

PERIPHERAL VASCULAR INTERVENTION - 3

Peripheral Vascular Intervention - 3
Vascular

FRIDAY, SEPTEMBER 27, 2019
10:30 AM - 11:30 AM
Moderated Posters 3

10:30 AM - 11:30 AM
Peripheral Vascular Intervention - 3
Moderators: Bagrat Alekyan, Tony Das
Discussants: Alex Chebl, Peter P. Monteleone, Rahul S. Patel

10:30 AM TCT 563: Improved Remodelling with TEVAR and Distal Bare Metal Stent PETTICOAT in Patients With Acute Complicated Type B Aortic Dissection 1 year Results of A Multicentre Study in Survivors of Type B Aortic Dissection Undergoing Stenting ASSIST
Presenting Author: XUN YUAN
Discussion

10:37 AM TCT 564: Long term clinical outcomes of patients undergoing percutaneous intervention of transplanted renal artery stenosis
Presenting Author: Gustavo Feitosa
Discussion
Presenting Author: Twinkle Singh
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 Pelliccia
Discussants: Sameer Mehta, Jorge F. Saucedo, Richard Smalling

10:30 AM TCT 513: Endovascular Therapeutic Hypothermia is Feasible as an Adjuvant Therapy in Acute ST Segment Elevation Myocardial Infarction Patients Without Delay in Door to Balloon Time
Presenting Author: Luis Dallan
Discussion

10:37 AM TCT 514: LATIN Telemedicine Demonstrates Longitudinal Cost Savings from Avoiding Unnecessary Transfer of Patients
Presenting Author: Samareh Mehta
Discussion

10:47 AM TCT 515: Marked Variability and Regional Constraints: Observations From a Population based and Telemedicine guided STEMI Program
Presenting Author: Sameer Mehta
Discussion

10:50 AM TCT 516: The Volume Outcomes for Percutaneous Mitral Valve Repair MitraClip Procedure in a US Registry
Presenting Author: Jad Omran
Discussion
10:57 AM TCT 517: The KASH Score Predicts Long Term Mortality After Acute Myocardial Infarction
Presenting Author: Joel Monteiro
Discussion
11:00 AM TCT 518: Utility of Troponin and Creatine Kinase in Predicting Myocardial Infarct Size Left Ventricular Dysfunction and Clinical Outcomes After Acute Anterior Myocardial Infarction: The INFUSE AMI Trial
Presenting Author: Bahira Shahim
Discussion
11:07 AM TCT 519: Marked Variability and Regional Constraints: Observations From a Population based and Telemedicine guided STEMI Program
Presenting Author: Sameer Mehta
Discussion

11:17 AM TCT 520: Utility of Troponin and Creatine Kinase in Predicting Myocardial Infarct Size Left Ventricular Dysfunction and Clinical Outcomes After Acute Anterior Myocardial Infarction: The INFUSE AMI Trial
Presenting Author: Bahira Shahim
Discussion
11:20 AM TCT 521: The KASH Score Predicts Long Term Mortality After Acute Myocardial Infarction
Presenting Author: Joel Monteiro
Discussion
11:27 AM TCT 522: Marked Variability and Regional Constraints: Observations From a Population based and Telemedicine guided STEMI Program
Presenting Author: Sameer Mehta
Discussion
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Description</th>
<th>Presenting Author</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:57</td>
<td>Discussion</td>
<td>TCT 566: Iliofemoral Vein Compression is Caused by the Pubic Bone Not the Inguinal Ligament</td>
<td>Christopher Cheng</td>
</tr>
<tr>
<td>11:00</td>
<td>Discussion</td>
<td>TCT 567: Outcomes of Covered Versus Bare Metal Stents in the Treatment of Subclavian Artery Stenosis</td>
<td>David Signarovitz</td>
</tr>
<tr>
<td>11:30</td>
<td>TCT 569: 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>
<td></td>
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<tr>
<td>11:40</td>
<td>Discussion</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>11:47</td>
<td>Discussion</td>
<td>TCT 131: Alcohol Septal Ablation in Patients With Obstructive Hypertrophic Cardiomyopathy Leads to Sustained Long Term Benefits: A Single Centre Experience</td>
<td>Micha Dorsch</td>
</tr>
<tr>
<td>11:54</td>
<td>Discussion</td>
<td>TCT 132: Simultaneous Interventional Treatment of Patients With Hypertrophic Obstructive Cardiomyopathy and Coexisting Coronary Artery Disease</td>
<td>Stanislav Fanta</td>
</tr>
<tr>
<td>12:00</td>
<td>Discussion</td>
<td>TCT 133: Novel Concept of Catheter Based Radiofrequency Ablation for Hypertrophic Obstructive Cardiomyopathy Cerclage RF Ablation: Preliminary Animal Experiments in Swine Model</td>
<td>Min-Ku Chon</td>
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</tbody>
</table>

**CATH LAB OF THE FUTURE - 1**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<th>Presenting Author</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:30</td>
<td>TCT 194: A fully automated classification and segmentation of X-ray coronary angiography using deep learning approach</td>
<td>Jihoon Kweon</td>
<td></td>
</tr>
<tr>
<td>11:37</td>
<td>Discussion</td>
<td>TCT 195: Anatomical Attributes of Myocardial Territory of Diagonal Branches Assessed by Coronary Computed Tomography Angiography</td>
<td>Seokhun Yang</td>
</tr>
<tr>
<td>11:40</td>
<td>Discussion</td>
<td>TCT 196: Automatic Lesion Recognition on Coronary Angiographic Images by Deep Convolutional Neural Network</td>
<td>Ruolin Yang</td>
</tr>
<tr>
<td>11:47</td>
<td>Discussion</td>
<td>TCT 197: Impact of Patient Sex on Radiation Doses Received During Coronary Angiography</td>
<td>Erica Osip</td>
</tr>
<tr>
<td>11:54</td>
<td>Discussion</td>
<td>TCT 198: Final Results of the IC CATARACT CATaracts Attributed to Radiation in the CaTh Lab Study: Lens Changes Associated with Radiation in the Cardiac Catheterization Laboratory</td>
<td>Judit Karacsonyi</td>
</tr>
<tr>
<td>12:01</td>
<td>Discussion</td>
<td>TCT 199: The Newton System: An Innovative Weight Supporting Device for the Prevention of Lead Apron Related Musculoskeletal Injuries</td>
<td>Marc-Antoine Carrier</td>
</tr>
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</table>

**ALCOHOL SEPTAL ABLATION/HOCM**

<table>
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<tr>
<td>11:30</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>
<td></td>
</tr>
<tr>
<td>11:37</td>
<td>Discussion</td>
<td>TCT 129: Age Stratified Analysis for Patients with Hypertrophic Cardiomyopathy Undergoing Alcohol Septal Ablation or Septal Myectomy.</td>
<td>Alejandro Lemor</td>
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<tr>
<td>11:44</td>
<td>Discussion</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>11:51</td>
<td>Discussion</td>
<td>TCT 131: Alcohol Septal Ablation in Patients With Obstructive Hypertrophic Cardiomyopathy Leads to Sustained Long Term Benefits: A Single Centre Experience</td>
<td>Micha Dorsch</td>
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<td>Stanislav Fanta</td>
</tr>
</tbody>
</table>
CHRONIC TOTAL OCCLUSIONS - 2

Moderated Posters 6

**Chronic Total Occlusions - 2**

**FRIDAY, SEPTEMBER 27, 2019**

11:30 AM - 12:30 PM

**Moderators:** Khaldoon F. Alaswad, Arif Al Nooryani

**Discussants:** Parag Barwad, Raja Hatem, Satoru Sumitsuji

### 11:30 AM - 12:30 PM

**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 - 12:00 PM

**Discussion**

**TCT 219:** In Hospital Outcomes of Chronic Total Occlusion Treated with Percutaneous Coronary Intervention VS. Coronary Artery Bypass Graft

**Presenting Author:** Fangcheng Wu

### 11:40 AM - 12:00 PM

**Discussion**

**TCT 220:** Temporal Trends in Chronic Total Occlusion Percutaneous Coronary Interventions: Insights From the PROGRESS CTO Registry

**Presenting Author:** Evangelia Vemmou

### 11:47 AM - 12:10 PM

**Discussion**

**TCT 221:** Initial Report of Safety and Feasibility of Robotic Assisted Chronic Total Occlusion Coronary Intervention

**Presenting Author:** Taishi Hirai

### 11:54 AM - 12:10 PM

**Discussion**

**TCT 222:** Characteristics Procedures and Outcomes of Percutaneous Coronary Intervention for In-Stent Chronic Total Occlusion

**Presenting Author:** Euihong Ko

### 12:07 PM - 12:30 PM

**Discussion**

**TCT 223:** Improvement in Ejection Fraction Post Chronic Total Occlusion Intervention guided by PET Viability.

**Presenting Author:** Jonathan Hansen

### 12:27 PM - 12:30 PM

**Discussion**

**ROTATIONAL AND ORBITAL AHERECTOMY, CUTTING/SCORING BALLOONS, AND LITHOTRIPSY**

**tavr: clinical access and cost-effectiveness - 1**

**FRI DAY, 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 Kala, Manish A. Parikh, Huay Cheem Tan

### 11:30 AM - 12:30 PM

**TCT 651:** Superior Crossability of Novel Cutting Balloon for the Preparation of Calcified Lesion SUPERHERO Study

**Presenting Author:** Takayuki Ishihara

### 11:37 AM - 12:00 PM

**Discussion**

**TCT 652:** Intravascular Lithotripsy For the Management of Undilatable Coronary StEnt: The Multicenter SMILE Registry

**Presenting Author:** Alfonso Ielasi

### 11:40 AM - 12:00 PM

**Discussion**

**TCT 653:** Intravascular lithotripsy for lesion preparation in calcified coronary lesions: First data of prospective observational multicenter registry

**Presenting Author:** Adem Aksoy

### 11:47 AM - 12:10 PM

**Discussion**

**TCT 654:** Feasibility and safety of intravascular lithotripsy in severe calcified left main coronary stenoses

**Presenting Author:** Carlos Salazar

### 12:07 PM - 12:30 PM

**Discussion**

**TCT 655:** Adverse Cardiac Events Among Patients Undergoing Coronary Orbital Atherectomy: A Pooled Meta Analysis of 2303 Procedures

**Presenting Author:** Arnav Kumar

### 12:17 PM - 12:30 PM

**Discussion**

**TCT 656:** National Utilization and Outcomes of Patients Undergoing Percutaneous Coronary Intervention with Intracoronary Imaging and Atherectomy

**Presenting Author:** Fahed Darmoch
11:30 AM - 12:30 PM
TAVR: Clinical Access and Cost-Effectiveness - 1
Moderators: Aaron Horne, Jr., Cheryl PegusDiscussants: Suzanne J. Baron, Robert M. Bersin, 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 PM 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 PM Discussion

12:10 PM TCT 743: Comparison of Patient and Clinical Factors Within Echocardiogram Reports to Predict Disparity in Care of Patients With Severe Aortic Stenosis
Presenting Author: Hemal Gada

12:17 PM Discussion

12:20 PM TCT 744: Our Experience With TAVR Accessibility
Presenting Author: Frank Annie

12:27 PM Discussion

TREATMENT OF CONGENITAL HEART DISEASES - 1

Treatment of Congenital Heart Diseases - 1
Structural: Non-Valve

FRIDAY, SEPTEMBER 27, 2019
11:30 AM - 12:30 PM
Moderated Posters 8

11:30 AM - 12:30 PM TCT 765: Anatomical correlates of residual left to right shunt after suture based percutaneous closure of patent foramen ovale
Presenting Author: Gregory Sgueglia

11:37 AM Discussion

11:40 AM TCT 766: Relation of Patent Foramen Ovale to Acute Mountain Sickness
Presenting Author: Preetham Kumar

11:47 AM Discussion

11:50 AM TCT 767: Safety and Feasibility of Same Day Discharge Using the Vancouver PFO/ASD Clinical Pathway
Presenting Author: Janarthanan Sathananthan

11:57 AM Discussion

TAVR: Valve-in-Valve - 2

TAVR: Valve-in-Valve - 2
Structural: Valve

FRIDAY, SEPTEMBER 27, 2019
11:30 AM - 12:20 PM
Moderated Posters 1

11:30 AM - 12:20 PM TAVR: Valve-in-Valve - 2
Moderators: Robert J. Cubeddu, Harold L. DauermanDiscussants: 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.

11:37 AM Discussion

11:40 AM TCT 761: Hemodynamic Performances and Clinical Outcomes in Patients Undergoing Valve-in-valve Versus Native Transcatheter Aortic Valve Implantation.
Presenting Author: Alexandra MEILHAC

11:47 AM Discussion

11:50 AM TCT 762: Valve in Valve TAVR in Degenerated Aortic Valve Prostheses with Externally Mounted Leaflets
Presenting Author: Magdalena Erlebach

11:57 AM Discussion

12:00 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

12:07 AM Discussion

12:10 AM TCT 764: Comparison of 3rd Generation Self expanding and Balloon expandable Devices in Valve in Valve Treatment of Failing Aortic Valve Bioprostheses
Presenting Author: Felix Woitek

12:17 AM Discussion
11:30 AM - 12:30 PM
Vascular Access and Closure in PCI - 2
Moderators: Sasaki Kedev, Michael A. KutcherDiscussants: Christos Bourantas, Dharam J. Kumbhani

11:30 AM  TCT 783: Feasibility of using radial access and 4Fr catheters for coronary pressure wire measurements
Presenting Author: asma mursleen

11:37 AM  Discussion

11:40 AM  TCT 784: Comparison of Simultaneous Radial Artery with Upper Extremity Venous Access and Femoral Artery with Femoral Vein Access in Patients Undergoing Bilateral Heart Catheterization: A Systemic Review and Meta analysis.
Presenting Author: Ahmed Alabbady

11:47 AM  Discussion

11:50 AM  TCT 785: Outcomes of Distal Versus Proximal Trans radial Approach for Coronary Angiogram and Percutaneous Coronary Intervention
Presenting Author: Karim Al-Azizi

11:57 AM  Discussion

12:00 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
BIORESORBABLE SCAFFOLDS - METALLIC

**Bioresorbable Scaffolds - Metallic**

**Coronary: Core**

**FRIDAY, SEPTEMBER 27, 2019**

2:00 PM - 3:00 PM

**Bioresorbable Scaffolds - Metallic**

**Moderators:** Manel Sabate, Pim A.L. Tonino

**Discussants:** Bill D. Gogas, Sundeep Mishra, Jean-François Tanguay, 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**

Presenting Author: Michael Haude

2:07 PM  

Discussion

2:10 PM  

**TCT 189: Magnesium BRS implantation in ACS population midterm follow up**

Presenting Author: Magdalena Lanocha

2:17 PM  

Discussion

2:20 PM  

**TCT 190: Longterm outcome of magnesium BRS implantation in ACS**

Presenting Author: Magdalena Lanocha

2:27 PM  

Discussion

2:30 PM  

**TCT 191: Feasibility and Mid term Outcomes of Bioabsorbable Magnesium Scaffold Implantation in Acute Coronary Syndromes**

Presenting Author: LIVIA LUCIANA GHEORGHE

2:37 PM  

Discussion

2:40 PM  

**TCT 192: Late Coronary Healing Assessed with Optical Coherence Tomography after Magnesium Bioresorbable Scaffold Implantation**

Presenting Author: Christian Oliver Fallesen

2:47 PM  

Discussion

2:50 PM  

**TCT 193: Sustained safety and efficacy of Magmaris bioabsorbable scaffold. A 2 years FU analysis from pooled multicentre italian experience**

Presenting Author: Stefano Galli

2:57 PM  

Discussion

CHRONIC TOTAL OCCLUSIONS - 3

**Chronic Total Occlusions - 3**

**Coronary: CHIP**

**FRIDAY, SEPTEMBER 27, 2019**

2:00 PM - 3:00 PM

Moderated Posters 6

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
Coronary Bifurcation Intervention
Moderators: J. Dawn Abbott, Yaron Almagor
Discussants: Atul Abhyankar, Khaldoon F. Alaswad, Arif Al Nooryani, Vinay K. Bahl, Dimitrios Bligas

2:00 PM - 3:00 PM
Coronary Bifurcation Intervention

2:00 PM
TCT 242: Detection and Classification of Coronary Bifurcation Lesions by Using Artificial Intelligence
Presenting Author: Xuqing Liu

2:07 PM
Discussion

2:10 PM
TCT 243: Rotablation approach for bifurcation lesions
Presenting Author: Jorge Palazuelos

2:17 PM
Discussion

2:20 PM
TCT 244: Impact of Different Methods of Lesion Preparation on Side Branches in Calcified Coronary Bifurcations: A Subanalysis of the Randomized PREPARE CALC Trial.
Presenting Author: Abdelhakim Allali

2:27 PM
Discussion

2:30 PM
TCT 245: Contemporary Bifurcation Treatment Practice: What We Can Learn From a Large Global Registry
Presenting Author: Bernard R. Chevalier

2:37 PM
Discussion

2:40 PM
TCT 246: The Efficacy of Modified Jailed Balloon Technique for Bifurcation Lesions in Long term Follow up
Presenting Author: Koki Shishido

2:47 PM
Discussion

2:50 PM
TCT 247: The relationship between Balloon Pressure and Mid term Restenosis in Second generation DES Implantation for Non left Main Trunk Bifurcation Lesions by Culotte Stenting
Presenting Author: KOYA OKABE

2:57 PM
Discussion

SVG INTERVENTION

SVG Intervention

FRIDAY, SEPTEMBER 27, 2019
2:00 PM - 3:00 PM

SVG Intervention

Moderators: Tim P. Van de Hoef, Bonnie H. Weiner
Discussants: Cristiano Guedes Bezerra, Matthias Götberg, John McB. Hodgson, Haibo Jia

2:00 PM
TCT 673: Retrograde Chronic Total Occlusion Percutaneous Coronary Interventions via Saphenous Vein Grafts
Presenting Author: Iosif Xenogiannis

2:07 PM
Discussion

2:10 PM
TCT 674: In Stent Restenosis in Saphenous Vein Grafts: Insights From the DIVA trial
Presenting Author: Iosif Xenogiannis

2:17 PM
Discussion

IMAGING-DERIVED PHYSIOLOGIC LESION ASSESSMENT - 2

Imaging-Derived Physiologic Lesion Assessment - 2

FRIDAY, SEPTEMBER 27, 2019
2:00 PM - 3:00 PM

Moderated Posters 4

2:00 PM - 3:00 PM
Imaging-Derived Physiologic Lesion Assessment - 2
Moderators: Tim P. Van de Hoef, Bonnie H. Weiner
Discussants: Cristiano Guedes Bezerra, Matthias Götberg, John McB. Hodgson, Haibo Jia

2:00 PM
TCT 329: Full Hemodynamic Characterization Of Intracoronary Physiology: Merging Advanced Grayscale Intravascular Ultrasound With Fractional Flow Reserve
TAVR vs. SAVR and TAVR vs. TAVR - 1

Moderators: Carlos E. Ruiz
Discussants: Ulrich Schäfer

2:00 pm - 3:00 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 724: TAVR Versus SAVR on Outcomes in Patients With and Without Atrial Fibrillation
Presenting Author: Kranthi Sitammagari

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 González

TAVR: Clinical Access and Cost-Efficiency - 2

TAVR: Clinical Access and Cost-Efficiency - 2

FRIDAY, SEPTEMBER 27, 2019
2:00 pm - 3:00 pm
Moderated Posters 1

2:00 pm - 3:00 pm
TAVR: Clinical Access and Cost-Efficiency - 2
Moderators: Gary Gershony, Cheryl Pegus
Discussants: Suzanne V. Arnold, Bernadette S. Speiser

2:00 pm TCT 745: Insights in to Sex Differences in Transfemoral Transcatheter Aortic Valve Implantation from 2007 2018: From the CENTER collaboration a global patient level analysis of 12 381 patients
Presenting Author: Wieneke Vlastra

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

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

INTRAVASCULAR IMAGING - 3

Intravascular Imaging - 3

Moderated Posters 8

- **3:00 PM - 4:00 PM** TCT 352: Deep Learning Based Fully Automated Segmentation of IVUS for Quantitative Measurement

  *Presenting Author: Jing Yang*

- **3:07 PM** Discussion

- **3:10 PM** TCT 353: Comparison of plaque distribution and wire free functional assessment in the target vessel of patients with stable angina pectoris and non ST elevation myocardial infarction by deoxyribonucleic acid repair activity: An optical coherence tomography and quantitative flow ratio study

  *Presenting Author: Kazuhiro Dan*

- **3:17 PM** Discussion

- **3:20 PM** TCT 354: Evaluation of a New Food and Drug Administration Approved Optical Coherence Tomography Method for Stent Expansion in an All Comers Population

  *Presenting Author: Luis Dallan*

- **3:27 PM** Discussion

- **3:30 PM** TCT 355: Serial baseline and follow up optical coherence tomography analysis of the causes of stent failure

  *Presenting Author: mingyou zhang*

- **3:37 PM** Discussion

- **3:40 PM** TCT 356: Coronary Artery Axial Deformation in Native Compared to Stented Arteries

  *Presenting Author: Logan Schwarzman*

- **3:47 PM** Discussion

- **3:50 PM** TCT 357: Incidence and Clinical Impact of Calcified Nodule in Patients with Severely Calcified Lesions Requiring Rotational Atherectomy

  *Presenting Author: Toru Morofuji*

- **3:57 PM** Discussion

OUT-OF-HOSPITAL ARREST

Out-of-Hospital Arrest

Moderated Posters 4
3:00 PM - 3:53 PM
**Out-of-Hospital Arrest**
Moderators: Richard Smalling, Jack Wei Chieh Tan
Discussants: Thomas D. Stuckey, George W. Vetrovec, Marco V. Wainstein

3:00 PM TCT 519: Impact of Immediate Coronary Angiography on In hospital and Intermediate Term Survival In Patients With Out of Hospital Cardiac Arrest And No ST Segment Elevation: Updated Meta Analysis
Presenting Author: Bhavi Pandya

3:07 PM Discussion

3:10 PM TCT 520: Optimal Timing of Coronary Intervention in Patient Survived from Cardiac Arrest Without ST Acute Coronary Syndrome: A Systematic Review and Meta analysis
Presenting Author: mahmoud barbarawi

3:17 PM Discussion

3:20 PM TCT 521: Immediate Neurologic Recovery After Out of Hospital Cardiac Arrest is the Only Multivariate Predictor of Survival
Presenting Author: Amir Khan

3:27 PM Discussion

3:30 PM TCT 522: Single tertiary center UK experience across 2 large sites for patients presenting as out of hospital cardiac arrests OHCAs
Presenting Author: Sharmaine Thiru

3:37 PM Discussion

3:40 PM TCT 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

3:50 PM TCT 570: Impact of Modified Composite WIFI Score including Patient Background and Anatomic pattern for Predicting Wound healing on Clinical Outcomes in Chronic Limb Threatening Ischemia Patients after Endovascular Therapy
Presenting Author: Kenji Makino

3:57 PM Discussion

3:00 PM - 4:00 PM
**Peripheral Vascular Intervention - 4**

FRIDAY, SEPTEMBER 27, 2019
3:00 PM - 4:00 PM
Moderated Posters 3

3:00 PM Peripheral Vascular Intervention - 4
Moderators: Michael S. Lee, Debabrata Mukherjee
Discussants: Pedro J. Colon, Kusum Lata, Ivo Petrov

3:00 PM TCT 569: Periprocedural Outcomes of Lead Extraction in Patients With or Without Abandoned Leads: A Metanalysis
Presenting Author: Varun Kohli

3:07 PM Discussion

3:10 PM TCT 570: Impact of Modified Composite WIFI Score Including Patient Background and Anatomic pattern for Predicting Wound healing on Clinical Outcomes in Chronic Limb Threatening Ischemia Patients after Endovascular Therapy
Presenting Author: Kenji Makino

3:17 PM Discussion

3:20 PM TCT 571: Glasgow Prognostic Score Predict the Clinical Outcomes in Critical Limb Ischemia with Tissue Loss after Endovascular Treatment
Presenting Author: Kenji Makino

3:27 PM Discussion

3:30 PM TCT 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 Rusza

3:47 PM Discussion

3:50 PM TCT 574: More Fresh Thrombi in Cardio Embolic Than Vascular Related Acute Vessel Syndromes
Presenting Author: Martijn Meuwissen

3:57 PM Discussion

**RESTING PHYSIOLOGIC INDICES**

<table>
<thead>
<tr>
<th>Resting Physiologic Indices</th>
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<tbody>
<tr>
<td><strong>Coronary: Core</strong></td>
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FRIDAY, SEPTEMBER 27, 2019
3:00 PM - 4:00 PM
Moderated Posters 7

3:00 PM - 4:00 PM
**Resting Physiologic Indices**
Moderators: Peter J.J. Fitzgerald, Guy J. Friedrich
Discussants: Felix Bohm, Joost Daemen, Kalpa De Silva

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
TREATMENT OF CONGENITAL HEART DISEASES - 2

**Structural: Non-Valve**

**Moderated Posters 5**

3:00 PM - 3:50 PM

**TCT 771:** Percutaneous device closure of ruptured sinus of Valsalva: feasibility of transthoracic echocardiography assisted procedure

**Presenting Author:** Dinkar Bhasin

3:07 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

**TCT 773:** Percutaneous Closure of Patent Foramen Ovale in Patients With Migraine  A Patient Level Meta Analysis of PREMIUM and PRIMA Trials

**Presenting Author:** Preetham Kumar

3:27 PM

**TCT 774:** Percutaneous closure of septum secundum ASD

**Presenting Author:** Mohammad Mehdi Ansari

3:37 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:** Wieneke Vlastra

3:50 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

3:57 PM

**TCT 692:** Cerebral embolization in TAVR: valve type matters

**Presenting Author:** Christina Brinkmann

3:00 PM - 3:50 PM

**Treatment of Congenital Heart Diseases - 2**

**Moderators:** Matthew A. Crystal, Xiangbin Pan

**Discussants:** Mohammad Mehdi Ansari, Harsimran Sachdeva Singh

3:00 PM - 3:50 PM

**TAVR Comorbidities and Complications - 1**

**Structural: Valve**

**Moderated Posters 6**

FRIDAY, SEPTEMBER 27, 2019

3:00 PM - 4:00 PM

**TAVR Comorbidities and Complications - 1**

**Moderators:** Talib Majwal, Francesco Saia

**Discussants:** Andrzej J. Ochala, Petra Poliacikova, Pinak B. Shah, Alan C. Yeung

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

**TCT 692:** Cerebral embolization in TAVR: valve type matters

**Presenting Author:** Christina Brinkmann

3:14 PM

**TCT 693:** Aortic Valve Calcification Volumes and Chronic Brain Infarctions in Patients Undergoing Transcatheter Aortic Valve Implantation

**Presenting Author:** Wieneke Vlastra

3:20 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

3:27 PM

**TCT 695:** Protection against Cerebral embolism during Transcatheter Aortic Valve Replacement: A systematic review and Meta analysis

**Presenting Author:** Samineh Sehatbakhsh

3:34 PM

**TCT 696:** Cardiac Output and Cerebral Blood Flow in Patients with Severe Aortic Valve Stenosis undergoing Transcatheter Aortic Valve Implantation

**Presenting Author:** Wieneke Vlastra

3:41 PM

**TCT 697:** Cardiac Output and Cerebral Blood Flow in Patients with Severe Aortic Valve Stenosis undergoing Transcatheter Aortic Valve Implantation

**Presenting Author:** Wieneke Vlastra

3:48 PM

**TCT 698:** Cardiac Output and Cerebral Blood Flow in Patients with Severe Aortic Valve Stenosis undergoing Transcatheter Aortic Valve Implantation

**Presenting Author:** Wieneke Vlastra

3:55 PM

**TCT 699:** Cardiac Output and Cerebral Blood Flow in Patients with Severe Aortic Valve Stenosis undergoing Transcatheter Aortic Valve Implantation

**Presenting Author:** Wieneke Vlastra

3:00 PM - 4:00 PM

**TCT 623:** Objective identification of stenoses inducing myocardial ischemia using sequential iFR FFR and intracoronary flow measurements

**Presenting Author:** Valérie E. Stegehuis

3:07 PM

**TCT 624:** The Utility of Saline induced Resting Full cycle Ratio Compared with Resting Full cycle ratio and Fractional Flow Reserve

**Presenting Author:** Takeo Sato

3:14 PM

**TCT 625:** Coronary physiologic parameters and discordance between Resting Full cycle Ratio and FFR based decision making on myocardial revascularization

**Presenting Author:** Łukasz Niewiara

3:21 PM

**TCT 626:** Correlation between fractional flow reserve and resting full cycle ratio RFR in the assessment of the clinical significance of borderline stenosis in patient with stable coronary artery disease

**Presenting Author:** Bartlomiej Guzik
VASCULAR ACCESS FOR TAVR - 1

Presenting Author: Babikir Kheiri

3:00 PM - 4:00 PM
Vascular Access for TAVR - 1
Moderators: Paul D. Mahoney, Tsuyoshi Kaneko, Rajeev Narayan, Andres Pineda

3:00 PM TCT 801: Vascular complications in Transaxillary TAVI: Incidence and predictors incorporating CTA measurements
Presenting Author: Marleen van Wely

3:07 PM Discussion

3:10 PM TCT 802: A Novel Ultrasound navigated versus Conventional Vascular Closing Technique using MANTA following Transfemoral Transcatheter Aortic Valve Replacement
Presenting Author: Noriaki Moriyama

3:17 PM Discussion

3:20 PM TCT 803: Clinical outcomes after TAVR in patients with and without peripheral arterial disease: Results from the BRAVO 3 Randomized Trial
Presenting Author: Rishi Chandiramani

3:27 PM Discussion

3:30 PM TCT 804: Outcomes of Trans Carotid TAVR in a high volume center
Presenting Author: Vishesh Kumar

3:37 PM Discussion

3:40 PM TCT 805: Impact of Major Vascular Complications on Outcome following Transfemoral Transcatheter Aortic Valve Replacement
Presenting Author: Noriaki Moriyama

3:47 PM Discussion

3:50 PM TCT 789: Comparison of Radial With Femoral Access Coronary Angiography in Patients With Previous Coronary Artery Bypass Surgery
Presenting Author: Amir Orlev

3:57 PM Discussion

CATH LAB OF THE FUTURE - 2

Presenting Author: Babikir Kheiri

4:00 PM - 5:00 PM
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 PM 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 PM Discussion

4:10 PM 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 PM Discussion

4:20 PM TCT 202: Predicting Revascularization Rate of Positive CT FFR vs Invasive FFR in Elevated Coronary Calcium Score
Presenting Author: Rajbir Sidhu

4:27 PM Discussion

4:30 PM 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: Joe Gyung Kim

4:37 PM Discussion

Presenting Author: Kalaivani Mahadevan

4:47 PM Discussion

4:50 PM TCT 205: Clinical Management and Primary Prevention in Suspected Coronary Artery Disease Guided by Computed Tomography Angiography
Presenting Author: Fabian Plank

4:57 PM Discussion

CORONARY PERFORATION AND CARDIAC TAMPOANDE

Presenting Author: Babikir Kheiri

4:00 PM - 5:00 PM
Coronary Perforation and Cardiac Tamponade
Moderated Posters 6

4:00 PM TCT 809: Comparison of Radial With Femoral Access Coronary Angiography in Patients With Previous Coronary Artery Bypass Surgery
Presenting Author: Amir Orlev

4:07 PM Discussion
4:00 PM  TCT 248: Coronary Artery Perforation During Chronic Total Occlusion Percutaneous Coronary Intervention: Epidemiology Mechanisms Management and Outcomes
Presenting Author: Lorenzo Azzalini

4:07 PM  Discussion

4:10 PM  TCT 249: Coronary Artery Perforations: Glasgow Natural History Study of Covered Stent Coronary Interventions GNOCCI study
Presenting Author: Tom J. Ford

4:17 PM  Discussion

4:20 PM  TCT 250: Prevalence and Predictors of Coronary Artery Perforation during Percutaneous Coronary Interventions data from the ORPKI National Registry in Poland
Presenting Author: Michal Wegiel

4:27 PM  Discussion

4:30 PM  TCT 251: SOS PK Papyrus an Observational Study of Patients with Covered PK Papyrus Stent.
Presenting Author: Loic Belle

4:37 PM  Discussion

4:40 PM  TCT 252: Percardial Tamponade Secondary to Complications of Interventional and Endovascular Procedures
Presenting Author: Daniel Johnsrud

4:47 PM  Discussion

STENT THROMBOSIS AND RESTENOSIS - 2

4:00 PM  TCT 337: Outcomes of heart failure with reduced ejection fraction HFrEF status post implantable cardioverter defibrillator ICD presenting with HFrEF exacerbation with versus without atrial fibrillation AF
Presenting Author: Hassaan Arshad

4:27 PM  Discussion

4:30 PM  TCT 338: Electrical Microcurrent Therapy for Treatment of Chronic Systolic Heart Failure: Animal and First in Man Data
Presenting Author: L. Christian Napp

4:37 PM  Discussion

4:40 PM  TCT 339: Partial Inferior Vena Cava Occlusion During Exercise in Heart Failure Patients Prevents Left Ventricular Pressure Overload Improves Exercise Times and Reduces Respiratory Rate: Mechanical Balancing of Bi Ventricular Function as a Novel Therapy for Heart Failure Qualify of Life
Presenting Author: Daniel Kaiser

4:47 PM  Discussion

INTERVENTIONAL HEART FAILURE

Interventional Heart Failure
Structural: Non-Valve

FRIDAY, SEPTEMBER 27, 2019
4:00 PM - 4:50 PM
Moderated Posters 5

4:00 PM - 4:50 PM  Interventional Heart Failure
Moderators: Magdy AbdelhamidDiscussants: Ngai-Yin Chan, Mona Fiuza, Mark Goldberger, Boaz Manash, Oleg Polonesky, Edgard Alexander Prihadi

4:00 PM  TCT 335: Interventional Outflow Graft Closure in Patients with Left Ventricular Assist Device Unsuitable for Surgical Explantation
Presenting Author: Marcus Sandri

4:07 PM  Discussion

4:10 PM  TCT 336: Use of a percutaneous temporary mechanical circulatory support as a bridge to decision in advanced heart failure patients listed for heart transplantation.
Presenting Author: Alexis Okoh

4:17 PM  Discussion

4:20 PM  TCT 337: Patients Who Do Not Receive Drug Eluting Stent for In stent Restenosis Characteristics and Outcomes
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
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

**VENTRICULAR ASSIST AND MANAGEMENT OF CARDIOGENIC SHOCK - 3**

4:00 pm - 4:50 pm
Ventricular Assist and Management of Cardiogenic Shock - 3
Moderators: Gert Richardt, Fayaz Shawl
Discussants: Marco A. Alcocer-Gamba, 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
4:30 pm TCT 825: A Novel Post Closure Method for Hemostatic Removal of the Impella CP Pump Among Patients with Cardiogenic Shock
Presenting Author: Colin Hirst

4:37 pm Discussion
4:40 pm TCT 826: Gender Disparities in Survival Outcomes in Acute Myocardial Infarction Complicated by Cardiogenic Shock Treated with Advanced Mechanical Circulatory Support
Presenting Author: Michael Sobieraj

4:47 pm Discussion

**SATURDAY, SEPTEMBER 28, 2019**

**MAIN ARENA III: SATURDAY, SEPT. 28**

**Main Arena III: Saturday, Sept. 28**

8:00 am - 1:15 pm
Main Arena

**SATURDAY, SEPTEMBER 28, 2019**
8:00 AM Apollo Hospital Hyderabad India
Live Case Operator: RAMA KRISHNA JANAPATI, Sanjeeva Kumar, Sreenivas Arramraju Kumar, Gokul Mandala Reddy

8:45 AM Golden Jubilee National Hospital Glasgow United Kingdom
Live Case Operator: Mitchell Lindsay, Margaret B. McEntegart, Anja Oksnes

9:30 AM Apollo Hospital Hyderabad India
Live Case Operator: RAMA KRISHNA JANAPATI, Sanjeeva Kumar, Sreenivas Arramraju Kumar, Gokul Mandala Reddy

10:15 AM - 12:00 PM
Session II: Live Cases — Coronary
Faculty: Tomo Ando, Davide Cao, Hussein Rahim, Fumiyasu Seike

10:15 AM Golden Jubilee National Hospital Glasgow United Kingdom
Live Case Operator: Mitchell Lindsay, Margaret B. McEntegart, Anja Oksnes

11:00 AM Instituto Dante Pazzanese de Cardiologia Sao Paulo Brazil
Live Case Operators: Alexandre Abizaid, Daniel Chamie, Jose de Ribamar Costa Jr
Live Case Guest Operators: Eberhard Grube

HYPERTENSION THERAPIES: RENAL DENERVATION AND BEYOND

SATURDAY, SEPTEMBER 28, 2019

8:00 AM - 12:07 PM
Room 156/158
Session I: Hypertension Management in 2019 — What Do I Need to Know?
Moderators: Naomi Fisher, Michael A. Weber
Discussants: Michael Böhm, Bernard J. Gersh, David P. Lee, Vasilios Papademetriou, Roland E. Schmieder, Konstantinos P. Tsoufis

8:00 AM The Essentials of Blood Pressure Measurement: Office Home and Ambulatory And Why It Matters
Lecturer: Michael A. Weber

8:08 AM Roundtable Discussion With Audience QA

8:13 AM Sex Based Differences in Hypertension Management: Do They Exist
Lecturer: Ileana L. Pina

8:20 AM Roundtable Discussion With Audience QA

8:24 AM Race Based Differences in Hypertension Management: Whats Relevant

LIVE CASE TRANSMISSION THEATER VI: SATURDAY, SEPT. 28

Live Case Transmission Theater VI: Saturday, Sept. 28
Coronary: CHIP Coronary: Core Structural: Valve Vascular

2:00 PM - 2:45 PM
Session I: Live Case — Endovascular
Live Case Moderators: Christopher J. White
Live Case Co-Moderators: Sahil A. Parikh
Factoid Faculty: Tomo Ando, Davide Cao, Hussein Rahim, Fumiyasu Seike

2:00 PM Lankenau Institute for Medical Research Wynnewood PA
Live Case Operator: William A. Gray

2:45 PM - 4:15 PM
Session II: Live Cases — Coronary

2:45 PM - 4:15 PM
Instituto Dante Pazzanese de Cardiologia Sao Paulo Brazil
Live Case Operators: Alexandre Abizaid, Daniel Chamie, Jose de Ribamar Costa Jr
Live Case Guest Operators: Eberhard Grube

2:45 PM Instituto Dante Pazzanese de Cardiologia Sao Paulo Brazil
Live Case Operators: Alexandre Abizaid, Daniel Chamie, Ricardo A. Costa, Jose de Ribamar Costa Jr
Live Case Guest Operators: Eberhard Grube

3:30 PM Cedars Sinai Medical Center Los Angeles CA

4:15 PM - 6:00 PM
Session III: Live Cases — SHD
Live Case Moderators: Vinod H. Thourani
Live Case Co-Moderators: Didier Tchetchet
Factoid Faculty: Tomo Ando, Davide Cao, Hussein Rahim, Fumiyasu Seike

4:15 PM Lankenau Institute for Medical Research Wynnewood PA
Live Case Operator: William A. Gray

5:00 PM Cedars Sinai Medical Center Los Angeles CA

Vascular
8:30 am | Roundtable Discussion With Audience QA

8:35 am | Non Adherence in Uncontrolled Hypertension: How to Assess and Manage
Lecturer: Roland E. Schmieder

8:43 am | Roundtable Discussion With Audience QA

8:48 am | Patient Preferences in Hypertension Treatment
Lecturer: David E. Kandzari

9:05 am | Update on SPRYRAL Trials Program Radiofrequency Renal Denervation: Lessons Learned Ongoing Efforts
Lecturer: Michael Böhm

9:09 am | Roundtable Discussion With Audience QA

9:14 am | Update on RADIANCE Trials Program Ultra Sound Renal Denervation: Lessons Learned Ongoing Efforts
Lecturer: Ajay J. Kirtane

9:24 am | Roundtable Discussion With Audience QA

9:29 am | Update on Target BP Trials Program Chemical Renal Denervation: Lessons Learned Ongoing Efforts
Lecturer: Felix Mahfoud

9:36 am | Roundtable Discussion With Audience QA

9:40 am | Magnitude of Antihypertensive Effect After Renal Denervation: Is It Sufficient for High Risk as Well as Low Risk Patients
Lecturer: Justin E. Davies

9:47 am | Roundtable Discussion With Audience QA

9:51 am | Update on CALM II Trial Endovascular Baroreflex Stimulation
Lecturer: Gregg W. Stone

9:58 am | Roundtable Discussion With Audience QA

10:02 am | Update on ROX Trial Program AV Fistula Creation
Lecturer: Melvin D. Lobo

10:09 am | Roundtable Discussion With Audience QA

10:11 am | Backbeat Update Pacemaker Mediated Baroreflex Stimulation
Lecturer: Daniel Burkhoff

10:17 am | Roundtable Discussion With Audience QA

10:21 am | Device Based Hypertension Treatments: Defining Responders and Predictors of Response
Lecturer: Naomi Fisher

10:28 am | Roundtable Discussion With Audience QA

10:33 am | Debate: Is a Clinical Outcomes Trial Mandatory Before Widespread Adoption of Device Based Hypertension Therapies

10:39 am | What Are the Essential Differences Between Renal Denervation Devices and Procedures and Do They Matter
Lecturer: Philipp Lurz

10:49 am | Sensing Renal Nerve Activity Before During and After Denervation I: Autonomix
Lecturer: Robert S. Schwartz

11:05 am | Sensing Renal Nerve Activity Before During and After Denervation II: Symap
Lecturer: Jie Wang

11:20 am | Sensing Renal Nerve Activity Before During and After Denervation III: Pythagoras
Lecturer: Joost Daemen

11:32 am | Roundtable Discussion With Audience QA

11:37 am | Device Based Autonomic Modulation in Heart Failure
Lecturer: Michael Böhm

11:44 am | Device Based Autonomic Modulation in Supraventricular and Ventricular Arrhythmias
Lecturer: Christian Ukena

11:51 am | Device Based Autonomic Modulation in Renal Failure
Lecturer: Roland E. Schmieder

11:58 am | Roundtable Discussion With Audience QA

8:00 am - 10:00 am | Session I: Overview and Devices

8:00 am - 10:00 am | Session III: Procedural Aspects and Indications Beyond Hypertension

8:00 am - 10:00 am | TREATMENT OF CORONARY CALCIFICATION

8:00 am - 10:00 am | Treatment of Coronary Calcification

8:00 am - 10:00 am | Coronary Calcification

8:00 am - 10:00 am | Coronary: CHIP

8:00 am - 10:00 am | SATURDAY, SEPTEMBER 28, 2019

8:00 am - 10:00 am | Room 151/153

8:00 am - 10:00 am | Last Updated 09/13/2019 Page: 156
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

8:23 AM | Intravascular Lithotripsy for Coronary Calcification: When and How
Lecturer: Jean Fajadet

8:30 AM | Roundtable Discussion With Audience QA

8:37 AM | Case Resolution: How I Treated This Heavily Calcified Complex Coronary Artery
Case Presenter: Prashant Kaul

8:41 AM | Treatment of Severely Calcified Lesions: The Need for Comparative Data
Lecturer: Ajay J. Kirtane

8:48 AM - 10:00 AM | Session 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 1: I Don't Need Intravascular Imaging to Detect/Treat Most Cases of Coronary Calcium
Lecturer: Fazila-Tun-Nesa Malik

9:00 AM | Roundtable Discussion With Audience QA

9:05 AM | Flash Debate 2: Don't Overthink It: Plaque Modification Is Underused for Severely Calcified Coronary Lesions
Lecturer: Nicolas M. Van Mieghem

9:11 AM | Flash Debate 2: Don't Overthink It: Plaque Modification Is Rarely Needed for Severely Calcified Coronary Lesions
Lecturer: Paul S. Teirstein

9:17 AM | Roundtable Discussion

9:21 AM | How to Adequately Prepare Calcified Lesions Step by Step
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

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: Gorav Ailawadi, Ruediger S. Lange, Christopher U. Meduri, Thomas Modine, Tamim M. Nazif, Georg Nickenig

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 Don't Tell Us: The Unmet Clinical Needs
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 Koo
Discussants: Emmanouil S. Brilakis, Evald H. Christiansen, Juan Russo, Adam C. Salisbuey, 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
Yes They Are and Should Be Part of All Pre-Procedural Planning and Case Selection
Lecturer: Alfredo R. Galassi

No They Are Not: Its All About the Operator
Lecturer: William L. Lombardi

Roundtable Discussion With Audience QA
Lecturer: William L. Lombardi

10:34 AM
Debate 2: Should CTO PCI Be Performed in Most Patients With Multivessel Disease
No We Should Not Do Procedures Just Because We Can: Show Me the Data
Lecturer: Robert W. Yeh

Yes the Goal Should Be Complete Revascularization
Lecturer: Jeffrey W. Moses

Roundtable Discussion With Audience QA

10:44 AM

10:50 AM - 12:00 PM
Session II: Procedural Basics
Moderators: Georgios Sianos
Discussants: Ingibjorg J. Gudmundsdottir, Arun Kalyanasundaram, Paul Knaapen, Husam Noor, Ling Tao, R. Michael Wyman, Masahisa Yamane

10:50 AM
CTO Guidewire and Technique Update: Navigating the Equipment Maze and the Role of Escalation
Lecturer: Masahisa Yamane

10:57 AM
Microcatheter Update and Manipulation Techniques: Is There a Role for Antegrade and Retrograde Dedicated Microcatheters in 2019
Lecturer: Raja Hatem
11:04 AM  Angiogram Performance and Evaluation for the CTO Operator: Proximal Cap Distal Cap Lesion Length and Collateral Assessment
Lecturer: Sanjog Kalra

11:11 AM  Contemporary Antegrade Dissection and Re Entry: Step by Step Technique
Lecturer: Jennifer A. Tremmel

11:18 AM  The Retrograde Approach: Step by Step Instructions
Lecturer: Georgios Sianos

11:25 AM  CTO PCI Strategies to Navigate The Hierarchy of Risk: From AWE to ADR to Retrograde to Epicardials
Lecturer: Simon J. Walsh

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 Karmpaliotis

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**

**Coronary: Core**

**SATURDAY, SEPTEMBER 28, 2019**

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

**2:00 PM - 3:04 PM**

**Focused Scientific Symposium: Drug-Coated Balloons**
Moderators: Fernando Alfonso, Antonio ColomboDiscussants: Kenneth Chin, Franz X. Kleber, Azeem Latib, Jorge F. Saucedo, Bruno Scheller, Pieter R. Stella

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

**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  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 HFrEF
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 - 4:42 pm  Acute Decompensated Heart Failure
Moderators: James E. Udelson, Clyde W. Yancy
Discussants: Michael Jonas, Navin K. Kapur, 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 Aortic
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
Moderators: Ulrich P. Jorde, Susan M. Joseph
Discussants: Samuel J. Asirvatham, Daniel Burkhoff, Scott Lilly, Chaim S. Lotan, Felix Mahfoud, Mark Reisman

4:42 pm  V Wave for HFrEF and HfPEF
Lecturer: Gregg W. Stone

4:50 pm  Corvia for HfPEF

4:58 pm  NoYo Interalteral Shunting
Lecturer: Chaim S. Lotan

5:06 pm  Aortic Arch Neuromodulation 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 Pericardiotomy for HfPEF
Lecturer: Samuel J. Asirvatham

5:46 pm  Roundtable Discussion With Audience QA

THE CTO SUMMIT: PART 2

2:00 pm - 3:10 pm  Session I: CTO PCI Troubleshooting and Algorithms for Success
Moderators: Tony J. DeMartini, Gerald S. Werner
Discussants: Mauro Carlino, Lei Ge, Omer Goktekin, Mark J. Goodwin, Ashish Pershad, Minh N. Vo

2:00 pm  The Wire Crosses the Proximal Cap but CTO Is UncrossableUndilatable: What Now
Lecturer: Tony J. DeMartini

2:07 pm  Roundtable Discussion With Audience QA

2:10 pm  I Am at the Distal Landing Zone but Cant Puncture: What Now
Lecturer: Ashish Pershad

2:17 pm  Roundtable Discussion With Audience QA

2:20 pm  Epicardial Wiring: Current State of the Art
Lecturer: Kambis Mashayekhi

2:27 pm  Roundtable Discussion With Audience QA

2:30 pm  The Wire Has Crossed the Collateral but the Microcatheter Wont: Next Steps
Lecturer: Minh N. Vo

2:37 pm  Roundtable Discussion With Audience QA

2:40 pm  My Retrograde Equipment Is Overlapping the Antegrade Equipment but I Cannot Connect What Now
Lecturer: Satoru Sumitsuji

2:47 pm  Roundtable Discussion With Audience QA
2:50 PM Hemodynamic Support for CTO PCI: Who When and When Not and How
Lecturer: James M. McCabe

2:57 PM Roundtable Discussion With Audience QA

3:00 PM Failing With an Investment: How Often is Sub Intimal Plaque Modification Useful and What Should I Have Available for the Next Procedure
Lecturer: Taishi Hirai

3:07 PM Roundtable Discussion With Audience QA

3:10 PM Complication Recognition Before Its Obvious: Anticipating Disaster
Lecturer: Anthony J. Spadey

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: Nicholas J. Lembo

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 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. LemboDiscussants: 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

4:49 PM My Worst Antegrade Wire Escalation Complication and What I Learned
Case Presenter: Craig A. Thompson

4:55 PM Roundtable Discussion With Audience QA

4:58 PM My Worst Retrograde Septal Complication and What I Learned
Case Presenter: Lei Song

5:04 PM Roundtable Discussion With Audience QA

5:07 PM My Worst Epicardial Collateral Complication and What I Learned
Case Presenter: Wissam Jaber

5:13 PM Roundtable Discussion With Audience QA

5:16 PM My Worst Donor Vessel DissectionThrombosis Complication and What I Learned
Case Presenter: Junbo Ge

5:22 PM Roundtable Discussion With Audience QA

5:25 PM My Worst Catheter EntrapmentEquipment Loss Complication and What I Learned
Case Presenter: Khaldoon F. Alaswad

5:31 PM Roundtable Discussion With Audience QA

5:34 PM - 6:00 PM Session IV: Case-Based Complication Management — Part 2

5:34 PM My Worst Complication That Might Have Been Prevented
Case Presenter: William L. Lombardi

5:40 PM Roundtable Discussion With Audience QA

5:43 PM My Worst Complication From Which the Patient Couldnt Recover
Case Presenter: Simon J. Walsh

5:49 PM Roundtable Discussion With Audience QA

5:52 PM My Worst Complication That I Was Able to Save
Case Presenter: Emmanouil S. Brilakis

5:58 PM Roundtable Discussion With Audience QA

TRANSCATHETER MITRAL VALVE REPLACEMENT

Transcatheter Mitral Valve Replacement

Structural: Valve

SATURDAY, SEPTEMBER 28, 2019
2:00 PM - 4:00 PM
Room 155/157
2:00 PM - 3:18 PM
**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. Leon

- 2:12 PM  Transapical I: Intrepid Device Description Results and Ongoing Studies
  Lecturer: Martin B. Leon

- 2:19 PM  Transapical II: Tendyne Device Description Results and Ongoing Studies
  Lecturer: Jason H. Rogers

- 2:26 PM  Transapical III: Tiara Device Description Results and Ongoing Studies
  Lecturer: Anson Cheung

- 2:33 PM  Transapical IV: EVOQUE Device Description Results and Ongoing Studies
  Lecturer: Howard C. Herrmann

- 2:39 PM  Transapical V: M3 Device Description Results and Ongoing Studies
  Lecturer: John G. Webb

- 2:46 PM  Transapical VI: Cardiovalve Device Description Results and Ongoing Studies
  Lecturer: Francesco Maisano

- 3:03 PM  Transseptal I: HighLife Device Description Results and Ongoing Studies
  Lecturer: Stephen G. G. Worthley

- 3:09 PM  Transseptal II: Caisson Device Description Results and Ongoing Studies
  Lecturer: Anita Asgar

- 3:16 PM  Transseptal III: Cephea Device Description Results and Ongoing Studies
  Lecturer: Thomas Modine

- 3:23 PM  Transseptal IV: EVOQUE Device Description Results and Ongoing Studies
  Lecturer: Omar K. Khalique

- 3:30 PM  Transseptal V: M3 Device Description Results and Ongoing Studies
  Lecturer: Dee Dee Wang

- 3:37 PM  Transseptal VI: cardiovalve Device Description Results and Ongoing Studies
  Lecturer: James M. McCabe

- 3:44 PM  Transseptal VII: AltaValve Device Description Results and Ongoing Studies
  Lecturer: Tarek Helmy

- 3:51 PM  Roundtable Discussion with Audience QA

### MITRAL TRIAL DESIGN, ANTICOAGULATION, IMAGING, AND MORE

**Mitral Trial Design, Anticoagulation, Imaging, and More**

**Room 155/157**

4:00 PM - 6:10 PM

**Session I: Three Hot Mitral Topics**

Moderators: Charles J. Davidson, Patrick T. O’Gara

Discussants: Ori Ben-Yehuda, Khalil Fattouch, Azeem 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: Anthony DeMaria, Creighton W. Don, G. Burkhard Mackensen, Neil J. Weissman

- 4:28 PM  State of the Art: DMR Severity Assessment by Quantitative Echo
  Lecturer: J. Cohen

- 4:36 PM  State of the Art: FMR Severity Assessment by Quantitative Echo
  Lecturer: John G. Webb

- 4:44 PM  Roundtable Discussion With Audience QA

- 4:51 PM  Advanced Mitral Imaging Intraprocedural Guidance and Image Fusion Technologies
  Lecturer: Tarek Helmy

- 4:58 PM  Nonesophageal Mitral Echo Imaging

**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 Valve 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
Lecturer: Stephen H. Little

5:05 PM Roundtable Discussion With Audience QA

5:12 PM Advantages and Limitations of MRI for MR Assessment at Baseline and Post MitraClip
Lecturer: João L. Cavalcante

5:20 PM What Can We Learn From MRI About FMR Proportionality
Lecturer: Michael Salerno

5:27 PM Roundtable Discussion With Audience QA

5:34 PM - 6:10 PM
Session III: Mitral Stenosis and MAC
Moderators: Igor F. Palacios, Chet Rihal
Discussants: Itshac Itsik Benbador, 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
4:02 PM The SAFARI Trial Proves It: Femoral Access Is Preferred for STEMI
Lecturer: Michel R. Le May

4:07 PM Not So Fast: The Evidence Still Supports Radial Access for STEMI
Lecturer: Sanjay Kumar Chugh

4:12 PM ARS: What Is Your Routine Vascular Access for Primary PCI for STEMI Radial or Femoral

4:14 PM Roundtable Discussion With Audience QA

4:19 PM ARS: Left Radial Access LDTRA or Traditional Proximal Radial

4:21 PM Debate: Transradial Civil War
4:21 PM Embrace Left Distal Radial Access: Its the New and Best Approach
Lecturer: Ethan C. Korngold

4:26 PM LDTRA Is a Fad: Ill Stick With Traditional Proximal Radial
Lecturer: Ian C. Gilchrist

4:31 PM ARS: Left Radial Access LDTRA or Traditional Proximal Radial

4:33 PM Roundtable Discussion With Audience QA

4:38 PM ARS: Same Day Discharge Radial or Femoral Access

4:40 PM Debate: Same Day Discharge Radial or Femoral Access
4:40 PM Transradial and Same Day Discharge Are a Natural Fit and Cost Saving
Lecturer: Adhir Shroff

4:45 PM Same Day Discharge Doesn't Mean Radial Access: Safe Femoral Access Makes Sense
Lecturer: Richard Shlofmitz

4:50 PM ARS: Same Day Discharge Radial or Femoral Access

4:52 PM Roundtable Discussion With Audience QA

5:00 PM - 6:00 PM
Session II: Different Ways to Skin Vascular Access
Moderators: Prashant Kaul, Sara C. Martinez
Discussants: Olivier F. Bertrand, Alaide Chieffo, Steven Goldberg, Mitchell W. Krucoff, Kimberly Skelding, Mladen I. Vidovich

5:00 PM Preserving the Radial Artery: Patent Hemostasis and Beyond
Lecturer: Samir B. Pancholy

5:08 PM Essential Skills: Femoral Access and Closure
Lecturer: Zoltan G. Turi

5:16 PM Options and Indications for Large Bore Radial Access

5:24 PM Case Presentation: Complex PCI of a Left Main Bifurcation in a Complex Patient
Case Presenter: Francesco Burzotta

5:29 PM ARS

5:29 PM What Pharmacotherapy Would You Use Anticoagulation Antiplatelet Therapy
Case Presenter: Francesco Burzotta

5:30 PM What Access Site Would You Use
Case Presenter: Francesco Burzotta

5:31 PM Would You Use MCS
Case Presenter: Francesco Burzotta

5:32 PM What Technique Would You Use: Single Stent With Provisional vs. Double Stent Strategy
Case Presenter: Francesca Burzotta
HIGH-IMPACT CLINICAL RESEARCH IV: Adjunctive Pharmacotherapy Studies

SATURDAY, SEPTEMBER 28, 2019
8:00 am - 9:00 am
Innovation & Keynote Theater

8:00 am
Adjuvent Pharmacotherapy Studies
Moderators: Kurt Huber, Neal S. Kleiman
Discussants: Michalis Hamilos, Upendra Kaul, Maurizio Menichelli, Sigmund Silber, Robert C. Welsh, Azfar G. Zaman

8:00 am
TICAKOREA: A Randomized Trial of Ticagrelor vs. Clopidogrel in Korean Patients With Acute Coronary Syndromes Intended for Invasive Management
Lecturer: Duk-Woo Park

8:10 am
Roundtable Discussion With Audience QA

8:15 am
AUGUSTUS: Hospitalizations From a 2x2 Factorial Randomized Trial of Apixaban vs. Warfarin and Aspirin vs. Placebo in Patients With Atrial Fibrillation
Lecturer: Amit N. Vora

8:25 am
Roundtable Discussion With Audience QA

8:30 am
STOPDAPT 2 HBR: 1 Year Outcomes From a Randomized Trial of Clopidogrel Monotherapy vs. DAPT Beginning 1 Month After PCI in Patients at High Bleeding Risk
Lecturer: Hirotoshi Watanabe

8:40 am
Roundtable Discussion With Audience QA

8:45 am
PENDULUM Registry: Relationship Between Platelet Reactivity and 1 Year Ischemic and Bleeding Outcomes After PCI
Lecturer: Masato Nakamura

8:55 am
Roundtable Discussion With Audience QA

HIGH-IMPACT CLINICAL RESEARCH VI: Management of Cardiogenic Shock

SATURDAY, SEPTEMBER 28, 2019
10:00 am - 11:00 am
Innovation & Keynote Theater

10:00 am
Management of Cardiogenic Shock
Moderators: James M. McCabe, Holger Thiele
Discussants: Biswajit Kar, Dharam J. Kumbhani, Vijay Kunadian, Arasi Maran, Expedito E. Ribeiro, Richard Smalling

10:00 am
Shock Prognosis: Validation of the SCAI Cardiogenic Shock Classification

HIGH-IMPACT CLINICAL RESEARCH V: Transcatheter Aortic Valve Replacement
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<tr>
<th>Time</th>
<th>Session</th>
<th>Lecturer/Details</th>
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<tr>
<td>10:10</td>
<td>Roundtable Discussion With Audience QA</td>
<td>Lecturer: Dirk Westermann</td>
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<td>10:15</td>
<td>Impact of Right Ventricular Dysfunction in Acute Myocardial Infarction Complicated by Cardiogenic Shock</td>
<td>Lecturer: Mir Babar Basir</td>
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<td>10:25</td>
<td>Roundtable Discussion With Audience QA</td>
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<td>10:30</td>
<td>Multivessel Intervention in Shock: Validation of the CULPRIT SHOCK Trial Outcomes in a National Myocardial Infarction Registry</td>
<td>Lecturer: Wojtek Wojakowski</td>
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<td>10:40</td>
<td>Roundtable Discussion With Audience QA</td>
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<td>10:55</td>
<td>Roundtable Discussion With Audience QA</td>
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<td>11:00</td>
<td>Fascinating Lectures</td>
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<td>11:00</td>
<td>Social Media in the Modern Era of Interventional Cardiology</td>
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<td>Roundtable Discussion With Audience QA</td>
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<td>11:12</td>
<td>The CardioQuiz: Adapting Twitter Polls to Create Self Assessment Questions via Social Media</td>
<td>Lecturer: Michael P. Savage</td>
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<td>11:20</td>
<td>Roundtable Discussion With Audience QA</td>
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<td>Roundtable Discussion With Audience QA</td>
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<td>11:36</td>
<td>Artificial Intelligence in Cardiology: The Indian Physicians Perspective</td>
<td>Lecturer: Harinder K. Bali</td>
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<td>11:44</td>
<td>Roundtable Discussion With Audience QA</td>
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<td>11:48</td>
<td>An Innovative Mobile Learning Platform for Structural Heart Interventions: CATHLAPP</td>
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3:00 PM - 4:00 PM
Valve Therapies and Non-Cardiac Surgery
Moderators: Isaac George, Vinod H. Thourani
Discussants: Victoria Delgado, Mark Goldberger, Jose Luis Navia, Chuck Simonton, Neil J. Weissman, Giora Weisz

3:00 PM PARTNER 2 Trial and Registry: Impact of Left And Right Ventricular Longitudinal Systolic Strain Following Transcatheter and Surgical Aortic Valve Replacement
Lecturer: Philippe Pibarot
3:10 PM Roundtable Discussion With Audience QA
3:15 PM TRUE Registry: A New Prognostic Risk Score for Risk Stratification of Patients With Severe Tricuspid Regurgitation
Lecturer: 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

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
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

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: John A. Ormiston, Expedito E. Ribeiro
Discussants: Shao-Liang Chen, Eduardo De Marchena, Yves R. Louvard, Holger M. Nef, Bjarne Linde Norgaard, Robert D. Safian

4:00 PM PROMISE: Cost Effectiveness Analysis of Non Invasive FFRCT CTA Alone and Functional Testing for Stable Chest Pain Evaluation
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 PROPOT: A Randomized Trial of the Proximal Optimization Technique in Coronary Bifurcation Lesions
Lecturer: Ken Kozuma
4:55 PM Roundtable Discussion With Audience QA
11:30 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. Glaw, 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

12:15 PM - 1:45 PM  
Balloon Pulmonary Angioplasty for Chronic Thromboembolic Pulmonary Hypertension: Center Expertise and Illustrative Case Demonstrations  
Moderators: Ori Ben-Yehuda, Irene Marthe Lang  
Discussants: Vikas Aggarwal, Anthony DeMaria, Ehtisham Mahmud, Alex M. K. Rothman, Christoph Wiedenroth

12:15 PM  Introduction: Chronic Thromboembolic Pulmonary Hypertension Where Does BPA Stand in the Treatment Algorithm Today  
Lecturer: Irene Marthe Lang
12:30 PM  Balloon Pulmonary Angioplasty Japanese Experience  
Lecturer: Hiromi Matsubara
12:42 PM  Balloon Pulmonary Angioplasty French Experience  
Lecturer: Philippe Brenot
12:54 PM  Balloon Pulmonary Angioplasty US Experience  
Lecturer: Ehtisham Mahmud
1:06 PM  Balloon Pulmonary Angioplasty German Experience  
Lecturer: Christoph Wiedenroth
1:18 PM  Balloon Pulmonary Angioplasty Polish Experience  
Lecturer: Marek Roik
1:30 PM  Roundtable Discussion With Audience QA

12:15 PM - 1:45 PM  
Chronic Kidney Disease: Preventing and Treating Contrast Nephropathy  
Moderators: Somjot S. Brar, Hitinder S. Gurm  
Discussants: Carlo Briguori, Graham A. Cassel, Sanjog Kalra, R. Stefan Kiesz, Richard J. Solomon, Junjie Zhang

12:15 PM  Contrast Induced Nephropathy: Does It Exist and Does It Matter
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

Coronary: Core

SATURDAY, SEPTEMBER 28, 2019
12:15 PM - 1:45 PM
Room 201-202

12:15 PM - 1:45 PM
Clinical Trial Design, Statistics, and Literature Interpretation: The Evidence-Based Medicine Expert — Part 2

Moderators: C. Michael Gibson, Peter Juni
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

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

1:35 PM
Roundtable Discussion With Audience QA

COMBINED STRUCTURAL INTERVENTIONS:
TWO VALVES, VALVE AND LAAO, AND MORE

Combined Structural Interventions: Two Valves, Valve and LAAO, and More

Structural: Valve

SATURDAY, SEPTEMBER 28, 2019
12:15 PM - 1:45 PM
Room 216

12:15 PM - 1:45 PM
Combined Structural Interventions

Moderators: Anita Asgar, Fabian Nietlispach
Discussants: Colin M. Barker, Danny Dvir, Amir Kaki, Saibal Kar, Markus Albert Kasel, Magnus Settergren

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: Brij Maini

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: Olaf Franzen

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: Brij Maini

1:02 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 - 1:45 pm
Room 213

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

SPONTANEOUS CORONARY ARTERY DISSECTION: NOVEL INSIGHTS ON DIAGNOSIS AND TREATMENT

Complex Adult Congenital Intervention  
Structural: Non-Valve

SATURDAY, SEPTEMBER 28, 2019
12:15 pm - 1:45 pm
Room 203

12:15 pm - 1:45 pm
Complex Adult Congenital Intervention  
Moderators: Eustaquio Maria Onorato, John F. Rhodes  
Discussants: Zahid Amin, Matthew A. Crystal, Eric Horlick, Thomas K. Jones, Clifford J. Kavinsky, 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 Ibrahimb

1:09 pm  Coarctation Stent Implantation in an Adult With Turner  
Case Presenter: Thomas K. Jones

1:18 pm  A Left Ventricular Pseudoaneurysm  
Case Presenter: John D. Carroll
Spontaneous Coronary Artery Dissection: Novel Insights on Diagnosis and Treatment

Moderators: Fernando Alfonso, Jacqueline Saw
Discussants: Patricia Abrams, Carlo Di Mario, Rajiv Gulati, Francesco Prati

12:15 PM - 1:45 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

TCT ENDOVASCULAR: NEURO INTERVENTIONS FOR STROKE AND CAROTID STENOSIS

TCT Endovascular: Neuro Interventions for Stroke and Carotid Stenosis

SATURDAY, SEPTEMBER 28, 2019
12:15 PM - 1:45 PM
Room 215

12:15 PM - 1:45 PM
Neuro Interventions for Stroke and Carotid Stenosis

CHALLENGES AND DEVELOPMENTS IN TAVI PROCEDURE: ARGENTINEAN AND FRENCH EXPERIENCES — PRESENTED BY GROUPE AThEROME ET CARDIOLOGIE INTERVENTIONNELLE (GACI) AND COLEGIO ARGENTINO DE CARDIOangióLOGOS INTERVENCIONISTAS (CACI)

Challenges and Developments in TAVI Procedure: Argentinean and French Experiences — Presented by Groupe Atherome et Cardiologie Interventionnelle (GACI) and Colegio Argentino de Cardioangiologistas Intervencionistas (CACI)

SATURDAY, SEPTEMBER 28, 2019
9:00 AM - 10:10 AM
Room 216

9:00 AM - 10:10 AM
Challenges and Developments in TAVI Procedure: Argentinean and French Experiences
9:00 AM Introduction and Session Objectives
   Lecturer: Anibal A. Damonte

9:05 AM Moving From a Full Invasive to a Minimalistic Procedure
   The Argentinean and 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

3:10 PM How OCT Can Help Better Predict MACE
   Events in Left Main vs. IVUS: ROCK II Retrospective Update
   Lecturer: Mani Selvanami

3:20 PM How India Is Learning to See Its PCI Patients
   Through In OCT: The 2 Year Journey Update
   Lecturer: Rony Mathew

3:30 PM Roundtable Discussion With Audience QA
   Lecturer: Rony Mathew

3:40 PM Session II: Physiology Session

3:40 PM Physiology in Complex Lesions: For All or Indication Based Assessment Clinical Case Scenarios
   Lecturer: Jabir Abdullakutty

3:50 PM FFR in STEMI NSTEMI and Unstable Angina:
   What Is the Latest Data
   Lecturer: Rajesh Vijayvergiya

4:00 PM Roundtable Discussion With Audience QA
   Lecturer: Rajesh Vijayvergiya

4:05 PM Session III: DES

4:05 PM Stent Choice in Complex Lesions: How the Unique Stent DNA Can Help Improve the Patient Outcomes
   Lecturer: Pratap Kumar

4:15 PM STOPDAPT SMART CHOICE and TWILIGHT:
   Will These Trials Change Your Clinical Practice
   Lecturer: Aditya Kapoor

4:25 PM Closing Remarks and Key Takeaways
   Lecturer: Aditya Kapoor

CSI-NIC INDIA SESSION @ TCT

CSI-Nic India Session @ TCT

SATURDAY, SEPTEMBER 28, 2019
3:00 PM - 4:30 PM
Room 216

3:00 PM - 4:30 PM Precision PCI and Optimization of PCI Outcomes
   Chairs: Dhiman Kohali, Ajay J. Kirtane, Sreenivas Arramraju Kumar, PRATAP CHANDRA RATH
   Panelists: Md Golam Azam, Madhu K. Sreedharan, Luca Testa

3:00 PM Session I: Imaging

3:00 PM IVUS: Its Present Roles and Advantages
   Lecturer: Debdatto Bhattacharya

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

8:30 AM - 10:30 AM Featured CHIP and Other Special PCI Situations
   Moderators: Waqar Ahmad, Ivo Petrov
   Discussants: Marcelo E. Halac, Aftzal Rahman, Abdullah Shehab, Giuseppe Tarantini

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
INTERNATIONAL COMPLEX CASE SESSION VIII:
A POTPOURRI OF COMPLEX INTERVENTIONAL CASES I

International Complex Case Session VIII: A Potpourri of Complex Interventional Cases I
Coronary: CoreCoronary: CHIP

SATURDAY, SEPTEMBER 28, 2019
2:30 pm - 4:00 pm
Presentation Theater 1

A Potpourri of Complex Interventional Cases I
Moderators: Pedro De Araujo Goncalves, Afzalur Rahman
Discussants: Marco A. Alcocer-Gamba, Rosli Mod Ali, Ahmed Magdy

2:30 pm Introduction
Lecturer: Afzalur Rahman

2:35 pm Egypt Presents: When You Do Not Have Enough Coils
Case Presenter: Amr ElHadidy

2:45 pm Roundtable Discussion With Audience QA

2:50 pm Hong Kong Presents: Percutaneous Closure of Left Atrial Appendage With Thrombus in 2 Patients With Different Outcomes
Case Presenter: Ngai-Yin Chan

3:00 pm Roundtable Discussion With Audience QA

3:05 pm Indonesia Presents: Handling LAA Closure Device Implantation in Small LAA With Protruding Pectinate Muscles
Case Presenter: Teguh Santoso

3:15 pm Roundtable Discussion With Audience QA

3:20 pm Belarus Presents: Minimally Invasive Hybrid Approach to Direct Device LV Remodeling in Patient With Ischemic Cardiomyopathy
Case Presenter: Oleg Polonetsky

3:30 pm Roundtable Discussion With Audience QA

3:35 pm Spain Presents: Percutaneous Treatment of a Large Ascending Aortic Pseudoaneurysm
Case Presenter: Armando Perez de Prado

3:45 pm Roundtable Discussion With Audience QA

3:50 pm Final Thoughts
Lecturer: Pedro De Araujo Goncalves

INTERNATIONAL COMPLEX CASE SESSION IX:
A POTPOURRI 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 pm - 5:30 pm
Presentation Theater 1

4:00 pm - 5:30 pm
A Potpourri of Complex Interventional Cases II
Moderators: Petr Kala
Discussants: Arif Al Nooryani, Mohammed I. Kurdi, Ricardo Lluberas, Joao Brum Silveira

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

4:20 pm Colombia Presents: Post Traumatic Coronary Cameral Fistula
Case Presenter: Jorge Villegas

4:30 pm Roundtable Discussion With Audience QA

4:45 pm Roundtable Discussion With Audience QA

4:50 pm Tunisia Presents: How to Manage Acute Thrombosis of the Abdominal Aorta

TRANSCATHETER VALVE THERAPY | SATURDAY, SEPTEMBER 28, 2019
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 Drug-Coated Balloons: Current Challenges, Emerging Clinical Indications, and Future Directions (Sponsored by CRF Supported by B. Braun Interventional Systems and Terumo Interventional Systems)

CLINICAL CHALLENGES IN HIGH-RISK PCI: A CASE-BASED REVIEW (SPONSORED BY CRF SUPPORTED BY AMGEN INC.)
CURRENT PERSPECTIVES AND FUTURE TECHNOLOGIES IN BELOW-THE-KNEE INTERVENTION (SPONSORED BY CRF; SUPPORTED BY MEDTRONIC AND WL GORE & ASSOCIATES)

Current Perspectives and Future Technologies in Below-the-Knee Intervention (Sponsored by CRF; Supported by Medtronic and WL Gore & Associates)

**Saturday, September 28, 2019**

**Session Objectives**

- **6:45 AM** Introduction and Session Objectives
  - **Lecturer:** Sahil A. Parikh
- **6:47 AM** Understanding BTK Disease: Impact of Lesion Type Severity and Location on Technique and Device Selection
  - **Lecturer:** Mahmoud K. Razavi
- **6:54 AM** Unveiling the Unmet Needs in BTK Intervention: Where Are We Now and Where Are We Going
  - **Lecturer:** Eric A. Secemsky
- **7:01 AM** Moderated Discussion
- **7:10 AM** The BTK Interventional Toolbox: Wires and Crossing Devices
  - **Lecturer:** Ehrin J. Armstrong
- **7:17 AM** Atherectomy Balloons and Stents: Data Update
  - **Lecturer:** Antonio Colombo
- **7:24 AM** Emergent Drugs and Local Drug Delivery Systems
  - **Lecturer:** David E. Kandzari
- **7:31 AM** Moderated Discussion
- **7:45 AM** Adjourn
Kill Many Birds With One Stone (Sponsored by India Medtronic Pvt. Ltd.)

SATURDAY, SEPTEMBER 28, 2019
6:30 AM - 7:45 AM
Room 215

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

6:45 AM - 7:15 AM
Kill Many Birds With One Stone
Faculty: Praveer Agarwal, rajneesh kaptor, Pratap Kumar, NIKHIL PARSHURE, Anand M. Rao, Sai Satish, Rajesh Vijayvergiya
Chairs: Martin B. Leon, Gary S. Mintz

6:45 AM
Live Case: Complex PCI
Discussants: rajneesh kaptor, Anand M. Rao
Presenters: sanjay mehrotra, Sai Satish

7:15 AM
Stent Healing in One Month: Assessment Importance
Discussants: rajneesh kaptor, Anand M. Rao
Presenters: Praveer Agarwal, Sai Satish

7:22 AM
Interesting Retrograde CTO Intervention
Discussants: rajneesh kaptor, Anand M. Rao, Sai Satish
Presenters: Pratap Kumar

7:29 AM
How Stent Design Makes a difference in Tapered Vessels
Discussants: rajneesh kaptor, Anand M. Rao, Sai Satish
Presenters: Rajesh Vijayvergiya

7:36 AM
OCT Guided LM Intervention
Discussants: rajneesh kaptor, Anand M. Rao
Presenters: NIKHIL PARSHURE, Sai Satish

7:43 AM
Summary

NEXT-GENERATION DES TECHNOLOGY: THE FUTURE IS HERE! (SPONSORED BY CRF; SUPPORTED BY ABBOTT AND BOSTON SCIENTIFIC CORPORATION)

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)

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
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
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.)**

**Future and Scope of Sirolimus-Coated Balloon in Peripheral Vascular Treatment (Sponsored by Concept Medical, Inc.)**

**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.)**

**THE MODERNIZED PCI APPROACH: WHY AUTOMATIC OCT-GUIDED EXPANSION DETECTION MATTERS AND HOW TO OPTIMIZE OUTCOMES (SPONSORED BY ABBOTT)**
Why Expansion Matters and How OCT Uncovers What Goes Unseen in the Angiogram
Presenter: Allen Jeremias

How Do You React to the Automatic Expansion Data with OCT A Case Based Review of Using Volumetric Expansion Data.
Presenter: Hiram G. Bezerra

Data Considerations Beyond Stent Expansion Limits. Not All Stents are Created Equal
Presenter: Nick E. J. West

NOVEL TECHNOLOGIES FROM MERIL’S ARMAMENTARIUM (SPONSORED BY MERIL LIFE SCIENCES PVT. LTD.)

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

ABILITY TO TREAT DIABETIC PATIENTS: WITH A NOVEL COMBINED DES AND DCB IN A SINGLE PLATFORM (SPONSORED BY CONCEPT MEDICAL, INC.)

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
Why Do We Need a Dedicated DES for Diabetes: Introducing the Abluminus Concept
Presenter: Roxana Mehran

1:08 pm
Multicenter Real World Data From Global Registries
Presenter: Azeem Latib

1:16 pm
Case 1: Step by Step Treatment Strategy of Complex Diabetic Patient With Abluminus DES
Presenter: Sameer I. Dani

1:22 pm
Case 2: Abluminus in CHIP Cases and Outcomes
Presenter: Paolo Vicinelli

1:28 pm
Case 3: Diabetic Patient Multivessel Disease With LM 2 Year OCT Follow Up
Presenter: Prathap Kumar

1:34 pm
The ABILITY DM Imaging Study Randomized Control Trial Comparing Abluminus DES vs. Xience
Presenter: Azeem Latib

1:42 pm
The ABILITY DM Global Trial: The Largest Randomized Control Trial With Coronary Stents for the Diabetic Population
Presenter: Antonio Colombo

1:50 pm
Panel Discussion and Audience QA

OPTIMIZING MANAGEMENT OF PATIENTS UNDERGOING REVASCULARIZATION (SPONSORED BY AMGEN, INC.)

Optimizing Management of Patients Undergoing Revascularization (Sponsored by Amgen, Inc.)
SATURDAY, SEPTEMBER 28, 2019
1:00 pm - 1:00 pm
Presentation Theater 1

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: Praveer Agarwal

1:08 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: CHIPCoronary: Core

SATURDAY, SEPTEMBER 28, 2019
6:00 AM - 8:00 AM
Yerba Buena Ballroom 7

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

6:30 AM - 8:00 AM
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 AM  Welcome Introductions and Session Goals
Lecturer: Roxana Mehran

6:35 AM  Optimal Strategies for DAPT: Concise Summaries
6:35 AM  Role of New Gen DES in Patients at HBR: Does Stent Type Matter
Lecturer: Ajay J. Kirtane

6:45 AM  Approaches to Reduce Bleeding Risk Post PCI in Patients Requiring OAC: Is There Any Role for ASA
Lecturer: Ajay J. Kirtane

6:55 AM  Roundtable Discussion
Lecturer: Ajay J. Kirtane

7:10 AM  Real World Cases

HIGHEST GRADED ABSTRACTS OF TCT 2019

Highest Graded Abstracts of TCT 2019
Coronary: Core

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: Sameer Gafoor, Peter Juni, 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-ValveCoronary: CHIPVascularCoronary: CoreStructural: Valve

**SATURDAY, SEPTEMBER 28, 2019**

**9:15 AM - 10:45 AM**
Coronary XXI


- **9:15 AM**  TCT 1422: Primary PCI post TAVI Corvalve
  Presenting Author: Khaled Darahim

- **9:15 AM**  TCT 1423: Spontaneous Internal Mammalian Artery Graft Dissection Triggered by Emotional Stress
  Presenting Author: Kosuke Sawami

- **9:15 AM**  TCT 1424: SHOCKWAVE LITHOTRIPSY TO THE RESCUE IN AN UNDILATABLE IN STENT RESTENOSIS PRESENTING AS AN ACUTE CORONARY SYNDROME
  Presenting Author: Legate Philip

- **9:15 AM**  TCT 1425: The case of self treatment of the coronary muscle bridge
  Presenting Author: Liliya Sorokhtey

- **9:15 AM**  TCT 1426: Primary Angioplasty due to Circumflex coronary artery injury after mitral valve surgery
  Presenting Author: Marek T. Tomala

- **9:15 AM**  TCT 1427: Holey Shunt Successful Management of Ventricular Septal Rupture Secondary to Late Presentation of AMI with Impella Ventricular Assist Device
  Presenting Author: Prateek Sharma

- **9:15 AM**  TCT 1428: Less Can Be More
  Presenting Author: Raed Alkutshan

- **9:15 AM**  TCT 1429: STEMI Secondary to Acute Atherothrombotic Occlusion Treated without Stent
  Presenting Author: Rahul Dhawan

- **9:15 AM**  TCT 1430: Atherectomy in STEMI is it contraindicated
  Presenting Author: Ramprakash Devadas

- **9:15 AM**  TCT 1432: Strategy of PCI for a Patients with repeated coronary spontaneous dissection
  Presenting Author: Rongchong Huang

- **9:15 AM**  TCT 1433: Shades of STEMI
  Presenting Author: Sharmaine Thiru

- **9:15 AM**  TCT 1435: Crush technique for distal left main bifurcation in a patient with extensive anterior ST elevation myocardial infarction and cardiogenic shock
  Presenting Author: Shih-Hung Chan

- **9:15 AM**  TCT 1436: Unrelenting Hemodynamic and Electric Instability Resulting from Thrombotic Occlusion of a Non Dominant Right Coronary Artery
  Presenting Author: Steven Song

- **9:15 AM - 10:45 AM**
  **Coronary XXI**
  Discussant: Prathap Kumar, Faisal Latif, Chunjian Li, John J. Lopez, Jianfang Luo, Sara C. Martinez, Bilal S. Mohydin, Sunil V. Rao, Roberta Rossini

- **9:15 AM**  TCT 1427: Holey Shunt Successful Management of Ventricular Septal Rupture Secondary to Late Presentation of AMI with Impella Ventricular Assist Device
  Presenting Author: Prateek Sharma

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  Presenting Author: Steven Song

- **9:15 AM**  TCT 1437: Utilization of Minimal Dose Radiation in Percutaneous Coronary Intervention During ST Elevation Myocardial Infarction with Cardiogenic Shock
  Presenting Author: Subruta Kar

- **9:15 AM**  TCT 1438: Relax It is Icy Cold and I am Dying A Case of MINOCA
  Presenting Author: Tan Kin Leong

- **9:15 AM**  TCT 1439: PCI with post infarction VSD endovascular closure in cardiogenic shock patient
  Presenting Author: Tigran Akobyan

- **9:15 AM**  TCT 1440: Percutaneous coronary intervention in a case of double vessel acute myocardial infarction due to multi site thrombosis: a rare presentation of Antiphospholipid syndrome.
  Presenting Author: Vinip Thomachan

- **9:15 AM**  TCT 1441: Cocaine induced myocardial infarction complicated by cardiac arrest in 24 year old patient
  Presenting Author: Wijnand Den Dekker

- **9:15 AM**  TCT 1442: Cardiogenic shock with extensive aterior wall STEMI with large thrombus originating from ascending aortic aneurysm
Presenting Author: Wiwat Kanjarutjawiwat
9:15 AM TCT 1443: Retrograde primary PCI LAD via LMCA in anterior STEMI Presenting Author: Wojciech Trenkner
9:15 AM TCT 1444: When your patient insist to challenge you Presenting Author: Bassem Badr
9:15 AM TCT 1445: Shock and Bore: A Hybrid PCI Approach to Severely Calcified Lesions of Both Coronary Ostia Presenting Author: Gareth Barnes
9:15 AM TCT 1446: Left main equivalent bifurcation stenting of saphenous venous graft lesion in a patient with a previous rare saphenous venous graft intervention. Presenting Author: AMREEN DHINDSA
9:15 AM TCT 1447: OSTIAL LAD CTO STENTING WITH DES Presenting Author: Hariom Tyagi
9:15 AM TCT 1448: Double S F guiding catheter system to reduce dye consumption in a case of true bifurcation lesion Presenting Author: Hidetsugu Sakai
9:15 AM TCT 1449: Shockwave Lithotripsy Assisted PTCA in Right Coronary Artery CTO Presenting Author: Ho-hin Choy
9:15 AM TCT 1450: Late left internal mammary graft acute occlusion Presenting Author: Ilias Nikolakopoulos
9:15 AM TCT 1451: A True Solution to a FalseAneurysm Presenting Author: Jay Patel
9:15 AM TCT 1452: Tackling Left main during cardiopulmonary Resuscitation A Life saving experience Presenting Author: Jayasheelan M R

9:15 AM - 10:45 AM Coronary XXII

9:15 AM TCT 1454: Percutaneous Coronary Intervention of a Right Coronary Artery Chronic Total Occlusion Combined with Complex Trifurcating Left Main Lesion Presenting Author: Judit Koracsonyi
9:15 AM TCT 1455: Prison Break A case of Rota shock pella Presenting Author: Ko 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 Priyantoro
9:15 AM TCT 1457: ECART Conquering the Aorto ostial CAP in CTO PCI Presenting Author: Kalaiwoni 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 microcatheterin case of ambiguousproximal 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 Subtotal 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 Dziu Gutierrez
9:15 AM TCT 1464: Zero Contrast Diagnostic Angiography and Multivessel PCI for NSTEMI in a Patient with CKD V Presenting Author: Mahesh V. Madhavan
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: Norikyo Oka

9:15 AM - 10:45 AM Coronary XXIII
Discussant: Robert J. Gil, Dmitry P. Stolyarov, Carlos E. Uribe, Freek Verheugt, Mladen I. Vidovich, George J. Vlachojannis, Mark W.J. Webster, Junqing Yang, Wei-Hsian Yin, Alexandre C. Zago

9:15 AM TCT 1469: Managementof CoronaryGuidewire Fracture Presenting Author: Omar Al-taweel
9:15 AM TCT 1471: Careless rendezvous a recipe for disaster Single catheter retrograde CTO PCI with rendezvous technique causing perforation Presenting Author: Pratap Kumar
9:15 AM TCT 1472: Unusual accident via transradial intervention Presenting Author: Purich Surunchakorn
9:15 AM TCT 1473: Complications and Learnings from MVD and Diabetics Presenting Author: Rakesh Jaswal
9:15 AM TCT 1474: A DAY OF COMPLICATIONS Presenting Author: ramesh patel
9:15 AM TCT 1475: RESCUE LEFT MAIN STENTING IN IATROGENIC ASCENDING AORTA DISSECTION INDUCED BY GUIDE CATHERER Presenting Author: ramesh sankaran
9:15 AM TCT 1476: Shock after successful Primary PCIa shocking cause Presenting Author: Ravindran Rajendran
9:15 AM TCT 1466: Dissection of the Left Main and Left Circumflex Presenting Author: Antoine Gerbay
TCT 1497: Stroke as a complication of PCI in a patient with myocardial infarction.
Presenting Author: Nikita Litvinuk

9:15 AM - 10:45 AM
Coronary XIV
Discussant: Ali F. Aboufara, J. Michael Bacharach, Daniel R. Bensimhon, Philippe Brenot, Alejandro Cherro, Maddury Jyotsna, John Moriarty, Khusrow Niazi

9:15 AM
TCT 1498: A Case of Spontaneous Coronary Artery Dissection Managed Based on NIRS IVUS Findings
Presenting Author: Adnan Kassier

9:15 AM
TCT 1499: 3D OCT guided Culotte intervention of LAD and D1 bifurcation: Step by step
Presenting Author: Ganesan Namibrajan

9:15 AM
TCT 1500: OCT guided exclusion of expanding multiple coronary aneurysms induced by bioresorbable scaffolds
Presenting Author: Giuseppe Calligaris

9:15 AM
TCT 1501: The antegrade dissection and reentry technique followed by intravascular ultrasound guided rewiring 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
Presenting Author: Hwa Jung Kim

9:15 AM
TCT 1503: OCT Guided PCI of Left Main Coronary Artery Stenting in Acute Coronary Syndrome
Presenting Author: Jeethender kumar kala

9:15 AM
TCT 1504: Zero Contrast Minimal Contrast Image Guided PCI
Presenting Author: KARTHIK VASDEVAN

9:15 AM
TCT 1505: Instant neothrombotic dissection versus geographic miss with dissection: need for multimodal imaging
Presenting Author: Maya Safarova

9:15 AM
TCT 1506: MILKING THROUGH THE STENT
Presenting Author: roopali khanna

9:15 AM
TCT 1507: An unstable angina case caused by coronary spasm not noticed without intravascular ultrasound finding
Presenting Author: Takamichi Takahashi

9:15 AM
TCT 1508: Low post PCI FFR values: A Trigger for Trouble
Presenting Author: Tane Neleman

9:15 AM
TCT 1509: Stent underexpansion in angiography guided percutaneous coronary intervention in patient with ST elevation myocardial infarction corrected later by IVUS guided PCI
Presenting Author: Timea szigethi.timea14@gmail.com

9:15 AM
TCT 1510: Seeing the Unseen
Intra Coronary Imaging
TCT 1516: Video Assisted Thoracoscopic Repair of a Penetrating Aortic Valve Fracture during TAVR
Presenting Author: Austin Komaranchath

TCT 1515: PCI to iatrogenic Left Main stenosis occurring after the sequential replacement of a defective aortic valve
Presenting Author: Austin Komaranchath

TCT 1514: Transcatheter Repair of Anterior Mitral Leaflet Perforation and Hemolysis: Deploy Retrieve Redeploy
Presenting Author: Abdul Qazi

TCT 1513: The Use of Multimodality Imaging to Diagnose Late Onset Complication Post TAVR: The Utility of MRI derived 4D Flow
Presenting Author: Atul Chugh

TCT 1512: Blunt Chest Trauma Presenting with Acute Coronary Event
Presenting Author: Arif Albulushi

TCT 1511: LA DamP D Bifurcation How to treat
Presenting Author: Yongbai Luo

TCT 1510: Percutaneous Closure of a Post TAVR Aorta RV Fistula
Presenting Author: Vimalraj Bogana Shamnugam

TCT 1509: Percutaneous Management Of Large LAD to PA Coronary Fistula
Presenting Author: Edgar Stroppa Lamas

Presenting Author: Brett Wanamaker

TCT 1507: Aortic para valvular leak repair Can TAVRbe the answer
Presenting Author: Mohamed Abdel-Aal Ahmed

TCT 1506: when a simple interventional procedure turns into a nightmare
Presenting Author: heba nossier
TCT 1551: Coiling of LAD fistula
Presenting Author: Fawad Virk

TCT 1541: Open Pulmonary Artery Narrowing with Trans Catheter Pulmonic Valve Replacement for Severe Symptomatic Pulmonic Regurgitation in High Risk Patient
Presenting Author: Gerald Coalen

TCT 1414: Transcatheter Aortic Valve Replacement via the Common Carotid Artery: A Case Series
Presenting Author: Giorgio Medranda

TCT 1543: Coronary Compression Limiting Options for TPVR
Presenting Author: Grant Henderson

TCT 1546: Successful Percutaneous Coronary Intervention in a Patient with Acute Coronary Syndrome in the Setting of an Anomalous Left Main Coronary Artery Arising from the Right Coronary Cusp
Presenting Author: Hadi Mahmaljy

TCT 1545: A Giant Steal Single Coronary Artery with Coronary Cameral Fistula: 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: Joel Giblett

TCT 1550: Connecting the Dots: Acquired Abdominal Aortic Interruption
Presenting Author: John P. Breinholt

TCT 1551: PERCUTANEOUS CLOSURE OF INFUNDIBULAR VENTRICULAR SEPTAL DEFECT WITH A PDA OCCLUDER DEVICE IN AN ADULT WOMAN
Presenting Author: JORGE DANIEL HERNANDEZ GUZMAN

TCT 1552: Percutaneous transcatheter occlusion of multiples Pulmonary arteriovenous fistulas PAVF with Amplatzers vascular plugs and Coil.
Presenting Author: Jorge Luis Vivar Sanchez

TCT 1553: Unusual right to left atrial shunt successfully occluded with Amplatzer vascular plug II
Presenting Author: Josef Bis

TCT 1554: Manual implantation through surgical access of a percutaneous VSD occluder device in a post AMI VSD.
Presenting Author: Luis Ortega

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

9:15 AM  TCT 1556: Intentional aortic bioprosthetic valve fracture to eliminate large paravalvular gaps with severe aortic regurgitation
Presenting Author: Likhithesh Jaikumar

9:15 AM  TCT 1557: Nature Decides Survival: Primary PCI in CCTGA at 76 years World's oldest patient
Presenting Author: Milan Chag

9:15 AM  TCT 1558: Complication of pulmonary valve in valve Procedure in a patient with tetralogy of fallot
Presenting Author: Muhammad Yasin

9:15 AM  TCT 1559: Post Myocardial Infarction Ventricular Septal Rupture Closure by Amplatzer VSD Device
Presenting Author: Navreet Singh

9:15 AM  TCT 1560: Percutaneous closure of apical VSD after failed surgical procedure
Presenting Author: Pablo Antileo

9:15 AM  TCT 1561: A Rare Case of Coronary Artery Anomalies
Presenting Author: Ripa Patel

9:15 AM  TCT 1562: FUNCTIONAL EVALUATION OF THE CLOSURE OF PULMONARY CORONARY FISTULA
Presenting Author: Rodrigo Monsalve Leyton

9:15 AM  TCT 1563: When a Balloon buys more time
Presenting Author: Subash Chandhar

TCT 1567: How can you transform a simple cruch case to a husttle
Overconfidence is a sin
Presenting Author: Ahmed Mowafy
2:00 PM  TCT 1568: RADIAL PCI IVUS GUIDED IN ANOMALY RARE LM AND MVDS
Presenting Author: ahmed zaid

2:00 PM  TCT 1569: Giant coronary aneurysm treated with stent and a ball of coils
Presenting Author: Anita Paggi

2:00 PM  TCT 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 Gerbay

2:00 PM  TCT 1572: Lower dose of tissue plasminogen activator used for ultrasound assisted catheter directed thrombolysis for high risk pulmonary embolism in a post operative patient with a high risk of bleeding
Presenting Author: Ankita Aggarwal

2:00 PM  TCT 1573: IVUS GUIDED LEFT MAIN DK CRUSH PTCA WITH ROTABATION AND IABP SUPPORT IN A CASE OF TENSION PNEUMOTHORAX ON VENTILATOR.
Presenting Author: Arshad Mushahafil

2:00 PM  TCT 1574: Successful staged PCI with atherectomy of LAD and RCA followed by TAVR in a patient with multivessel CAD and severe aortic stenosis.
Presenting Author: Ashvarya Mangla

2:00 PM  TCT 1575: Antegrade fenestration and re entry AFR with small diameter balloons.
Presenting Author: Barbara Bellini

2:00 PM  TCT 1576: A Non Usual Critical Stenosis with Cardiogenic Shock after Cardiac Surgery.
Presenting Author: marc bedossa

2:00 PM  TCT 1577: Thrombus Embolization while Attempting Access for Mitral Clip
Presenting Author: Marinos Charalambous

2:00 PM  TCT 1578: Complicated by the hemorrhagic and cardiogenic shock ECMO supported CHIP PCI of the severe LM stenosis in the patient with the severe AS before TAVR
Presenting Author: Mariusz Zadura

2:00 PM  TCT 1543: 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

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: Raj Chandwaney

2:00 PM  TCT 1582: Challenging Primary Percutaneous Coronary Intervention PCI to a Saphenous Vein Graft to Right Coronary Artery SVG RCA in the setting of Acute inferior Myocardial Infarction and Recurrent Ventricular Fibrillation.
Presenting Author: Montaser Ismail

2:00 PM  TCT 1583: FUNCTIONAL ASSESSMENT OF SEQUENTIAL CORONARY ARTERY FISTULA AND CORONARY ARTERY STENOSIS WITH INSTANTANEOUS WAVE FREE RATIO IFR
Presenting Author: Muhammad Siddiqui

2:00 PM  TCT 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 Rotafioppy Wire Across An Uncrossable Severely Calcified Lesion.
Presenting Author: Nirmal Kaur

2:00 PM  TCT 1587: Kiss kiss and kiss its healthy
Presenting Author: Osama Shoeib

2:00 PM  TCT 1588: Emergency Shockwave assisted PCI to underexpanded left main stem stents in Acute MI.
Presenting Author: Peter O'Kane

2:00 PM  TCT 1590: Left Main Bifurcation Stenting by DK Crush technique
Presenting Author: PUNISH SADANA

2:00 PM  TCT 1591: COMPLEX HIGH RISK PTCA FROM LM OSTIUM TO DISTAL LAD IN CLACIFIED ARTERY USING BUDDY WIRE TECHNIQUE
Presenting Author: 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 Chandwaney

2:00 PM  TCT 1594: Just a mess
Presenting Author: ramy atm

2:00 PM  TCT 1595: When shorter is better....A novel technique for shortening 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

2:00 PM  TCT 1598: THROMBUS OR DISSECTION:WHICH IS THE WORST ENEMY
Presenting Author: Rosa Alba Abellas-Sequeiras

2:00 PM  TCT 1599: Combined Transcatheter Aortic Valve Replacement and Transcatheter Mitral VIV Replacement for Mixed Aortic Stenosis and Severe Mitral Prosthesis Stenosis and Regurgitation
Presenting Author: Raj Chandwaney

2:00 PM  TCT 1598: Complicated by the hemorrhagic and cardiogenic shock ECMO supported CHIP PCI of the severe LM stenosis in the patient with the severe AS before TAVR
Presenting Author: Mariusz Zadura

2:00 PM  TCT 1543: 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

2:00 PM - 3:30 PM
Coronary XXVI
Discussant: Amr E. Abbas, Ramesh Adiraju, Nickolas Nodar Kipshidze, Nick Lakkis, Hung Q. Ly, Sandeep Nathan, Marin Postu, Rahul Sakhija, Michael P. Savage, Sayan Sen
2:00 PM TCT 1600: Chronic Total Occlusion Percutaneous Coronary Intervention of Left Anterior Descending Artery in a Patient with Severe Anaphylaxis to Iodinated Contrast Agents
Presenting Author: Saroj Neupane

2:00 PM TCT 1601: Severely Resistant Lesion of Right Coronary Artery Managed with High Pressure Balloon
Presenting Author: Sasa Loncar

2:00 PM TCT 1602: Making the impossible possible Appropriate use od hybrid techniques
Presenting Author: SATNAM SINGH

2:00 PM TCT 1603: Primary revascularization of occluded saphenous vein graft to detect anastomosis with IVUS guidance for treatment of Long RCA CTO lesion
Presenting Author: SEIU 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 Namibrajan, Holger M. Nef, Eugenia Nikolsky, Husam Noor, Andrzej 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: DISLODGEメントSTRUCK TWICE
Presenting Author: MUHAMMED SHALOOB

2:00 PM TCT 1611: Every Interventionist nightmare: Successful nonsurgical treatment of left main coronary complication during angioplasty
Presenting Author: Siddhartha Mengi

2:00 PM TCT 1612: Coronary perforation complicated with balloon shaft rupture
Presenting Author: ERTUGRUL 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 Degrauwe

2:00 PM TCT 1614: A balloon a day takes a day a non deflation night mare
Presenting Author: Sara Karnib

2:00 PM TCT 1615: Stuck intracoronary balloon catheter with broken shaft Nightmare in Cathlab
Presenting Author: SUHAIL MUHAMMED

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, Gilles Dreyfus, 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: Saeed R. Shaikh

2:00 PM TCT 1626: 1 Year Follow up Interraption Of Coronary venous Fistula With Stent Implantation In The Coronary Sinus
Presenting Author: Sergey P. Semitko

2:00 PM TCT 1627: Percutaneous intervention in LEVOATRIAL CARDINAL VEIN A rare Cause of right sided overload
Presenting Author: shah zeb

2:00 PM TCT 1628: Title: Anterior Aorta to Right Atrium Tunnel
Presenting Author: Soumya Patra

2:00 PM TCT 1629: Percutaneous closure of post traumatic ventricular septal defects by PDA device: A case report.
Presenting Author: Tung Son Nguyen

2:00 PM TCT 1630: Cardiac Arrest from Traumatic Aortopulmonary Window Following Transcatheter Pulmonary Valve Implantation in a Patient with Supported Ross
Presenting Author: Vasutakarn Chongthammakun

2:00 PM TCT 1631: A Peculiar Path to the Pulmonic Valve
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

TCT 1633: TAVR: Never give up
Presenting Author: Mohammed Alshehri

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

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

TCT 1636: Transcatheter heart valve performed in Patient with Bicuspid Aortic Valve with low coronary height
Presenting Author: Rajasekhar Varada

TCT 1637: Ruptured Sapien balloon during IVT that resulted in death
Presenting Author: Ramesh Daggubati

TCT 1640: Percutaneous Closure of AortoRight Ventricular Fistula following Transcatheter Aortic Valve Replacement
Presenting Author: samineh sehatbakhsh

TCT 1641: Intravascular Lithotripsy For Heavily Calcified Subclavian Artery Stenosis To Facilitate Transsubclavian TAVR Valve Delivery
Presenting Author: Sourabh Joshi

TCT 1642: Plugging Paravalvular Leak in Transcatheter Aortic Valves
Presenting Author: Sean Conte

TCT 1643: Transcatheter Aortic Valve Replacement in a Heavily Calcified Bicuspid Valve using Antegrade Annular Crossing
Presenting Author: Vinodh kumar Paul pandi

TCT 1644: Transcatheter heart valve performed in patient with severe calcific aortic stenosis with mild aortic regurgitation
Presenting Author: SHAUDEEN k

TCT 1645: Valve in valve Transcatheter Aortic Valve Replacement in a patient with late failure of Bentall procedure
Presenting Author: Simone Budassi

TCT 1646: First Transfemoral Implantation of a JenaValveTM for severe aortic regurgitation in a failing autograft 12 years after Ross operation
Presenting Author: Stephan Fichtlscherer

TCT 1647: When an Edwards valve will not cross. Understanding the differences between Sapien 3 and Ultra using the balloon cushion and buddy balloon techniques

TCT 1648: Successful transcatheter aortic valve implantation in a patient with severe aortic stenosis after the comprehensive aortic root and valve repair surgery
Presenting Author: Suk Min Seo

TCT 1649: No contrast Transcatheter Aortic Valve Replacement TAVR with the Direct Aortic DA Approach A case with severe allergy to contrast agents and a vulnerable plaque rich tortuous descending aorta.
Presenting Author: Takayoshi Kanie

TCT 1650: Transcatheter aortic valve in valve implantation with bioprosthetic valve ring fracture for the treatment of a degenerated surgical valve of small label size
Presenting Author: tommaso fabris

TCT 1651: A case of severe aortic stenosis with severe calcification on left ventricular outflow tract treated by transfemoral approach transcatheter aortic valve implantation after endovascular treatment for severe stenosis of common iliac artery.
Presenting Author: Tomoo Fujioka

TCT 1652: Fortune favours the bold
Presenting Author: Vladimir Rubimbura

TCT 1653: Emergent Transcatheter Aortic Valve Replacement for Degenerated Aortic Valve Bioprosthesis Presenting with Acute Aortic Insufficiency and Cardiogenic Shock: Time For The On Call TAVR Team
Presenting Author: William Merhi

TCT 1655: Transcatheter Aortic Valve Replacement after Endovascular Aortic Repair
Presenting Author: Yoshimitsu Takaoka

TCT 1656: a case of impending rupture of aortic aneurysm few days after TAVI for bicuspid valve
Presenting Author: YUSUKE TOKUDA

TCT 1406: Balloon Valve Expansion for the Treatment of Paravalvular Regurgitation
Presenting Author: Adib Chaus

TCT 1657: Peri procedural mechanical circulatory support
Presenting Author: Lina Ya’qoub

TCT 1659: Hemodynamic support in LM intervention is a cornerstone for saving the patient especially in acute situation
Presenting Author: Mohamed Oraby

TCT 1660: Cardiogenic Shock due to STEMI and NO surgeons on site Staying Alive
Presenting Author: Dimitris Dampasis

TCT 1661: Perfectionism a double edged sword
Presenting Author: YEE SIN TEY

TCT 1662: Stuck In a Tight Spot The Entrapment of an Inflated Balloon in the Left Main after VIV-TAVR Saved By IABP and Rescue Left Main Stenting.
TCT 1664: IABP support in anterior STEMI with cardiogenic shock bilateral PEs and multifocal pneumonia.
P presenting Author: Bryce Rhodehouse
2:00 PM

TCT 1665: Complex primary PCI during CPR assisted with IABP in a patient with thrombotic LMCA occlusion and three vessel disease
Presenting Author: Carlos Enrique Ochoa Castro
2:00 PM

TCT 1666: Every Interventionists nightmare: Intra aortic balloon pump IABP saved the day
Presenting Author: Siddhartha Mengi
2:00 PM

TCT 1667: Axillary intra aortic balloon counterpulsation for severe ischemic mitral regurgitation and cardiogeni c shock
Presenting Author: Klio Konstantinou
2:00 PM

Presenting Author: Adrian Mercado
2:00 PM

TCT 1682: Coronary obstruction following valve in valve TAVR despite BASILICA: Ready for the debris
Presenting Author: Faisal Khan
2:00 PM

TCT 1683: RP Impella Post Right Ventricular Infarction
Presenting Author: Elise Anderson
2:00 PM

TCT 1687: The Changing Practice: Percutaneous Axillary Impella assisted bifurcation PCI of unprotected left main coronary artery disease in Acute Myocardial Infarction
Presenting Author: Heminder Meet Singh
2:00 PM

TCT 1690: Emergent PCI of a Critical Left Main Stenosis in Cardiogenic Shock with Hemodynamic Support using Impella CP
Presenting Author: Giorgio Medranda
2:00 PM

TCT 1692: PROLONGED wins the race...
Presenting Author: Rimsha Hasan
2:00 PM

TCT 1696: Impella supported LMS IVL PCI with pacemaker inhibition
Presenting Author: Claudia Cosgrove
2:00 PM

TCT 1697: Successful Impella Supported Percutaneous Coronary Intervention in a Patient with Non ST Segment Elevation Myocardial Infarction Complicated by Cardiogenic Shock
Presenting Author: Michael Brenner
2:00 PM

TCT 1698: Ventricular fibrillation storm with multiple shocks while patient is awake thanks to Impella overcome byStellate Ganglion Block
Presenting Author: Bader Abu Ghalyoun
2:00 PM

TCT 1699: Urgent Impella Guided High Risk PCI
Presenting Author: Ujjwal Rastogi
2:00 PM

TCT 1703: Impella CP and intravascular lithotripsy in a case of high risk left main PCI
Presenting Author: Francesca Ristalli
2:00 PM

2:00 PM - 3:30 PM
Coronary XXIX
Discussant: Bruce Bowers, 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

Presenting Author: Ilona Samara Hurtado Rendon
2:00 PM

TCT 1672: Biventricular Percutaneous Support With Biventricular Impella Support in a Patient With Profound CardiogenicShock
Presenting Author: Rudin Gjeko
2:00 PM

TCT 1673: Successful use ofimpellaCP through femoral access in a patient with bilateral iliac and aortic endoprosthesis in the setting of cardiogeni c shock
Presenting Author: Luis Dallan
2:00 PM

TCT 1675: Cardiogenic Shock CComplicated 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 Avento
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 Axillary 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: Francois Simon
2:00 PM

TCT 1681: Impella supported Left Main PCI in a Patient with RCA CTO Presenting Author: Michael Magaly
2:00 PM

TCT 1684: Total Bilateral Coronary Artery Occlusion: Impella to the Rescue
Presenting Author: Enrique Campos
2:00 PM

TCT 1685: Bi ventricular support with oxygenator as alternative to VA ECMO in cases refractory cardiopulmonary failure
Presenting Author: HASSAN ALKHAWAM
2:00 PM

TCT 1686: Lean on Me: Impella Support in Unprotected Left Main Following Cardiac Arrest
Presenting Author: David Wong
2:00 PM

TCT 1688: Mechanical Assistance with Impella Device for Treatment of Shock in Patients Undergoing TAVR. Presenting Author: Jay Patel
2:00 PM

TCT 1689: Line em up A comprehensive heart team approach to multiple severe vascular conditions.
Presenting Author: Rohan Mehta
2:00 PM
2:00 PM  TCT 1691: How to Patch a Garden Hose  
Presenting Author: sabeeda kadavath

2:00 PM  TCT 1693: Multivessel coronary artery disease and severe aortic stenosis with reduced left ventricular function. Impact of mechanical support device in combined high risk structural heart and coronary artery intervention  
Presenting Author: Serdar Farhan

2:00 PM  TCT 1694: When Should We Interfer  
Presenting Author: Mohammad El Tahlawi

2:00 PM  TCT 1695: Transgender Patient receiving Cross Sex Hormone Therapy presenting as an Anterior STEMI complicated by Cardiogenic Shock with Successful Acute Unloading of the LV using Impella CP  
Presenting Author: Vishal Dahya

2:00 PM  TCT 1701: Holey Shunt Successful Management of Ventricular Septal Rupture Secondary to Late Presentation of AMI with Impella Ventricular Assist Device  
Presenting Author: Prateek Sharma

2:00 PM  TCT 1704: Impella Guided High Risk PCI using IVUS and ChromoFl imaging to reduce contrast load  
Presenting Author: Chinmaya Mareddy

2:00 PM  TCT 1705: A Successful Case of Impella Supported Multivessel High risk PCI  
Presenting Author: Ahmad Abdin

2:00 PM  TCT 1706: Alternate Use of Impella Device for Management of Post Myocardial Infarction Ventricular Septal Defect  
Presenting Author: Abhishek C. Sawant

2:00 PM  TCT 2002: The Influence of the Blood Flow Restoration in the Internal Carotid Artery on the Microcirculation in the Eyes Retina  
Presenting Author: Sergey P. Semitko

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

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

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

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  

8:00 AM - 12:00 PM  
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 Woolmuth, 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 Support Specialty Wires Overview and Hands On Activity

9:10 AM  
TurnTrac Wire Overview and Hands On Activity
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

SATURDAY, SEPTEMBER 28, 2019
2:00 PM - 3:30 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

PHYSIOLOGY SIMPLIFIED: A HANDS-ON RFR SKILLS LAB

Physiology Simplified: A Hands-On RFR Skills Lab
Coronary: Core

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
Coronary: Core

SATURDAY, SEPTEMBER 28, 2019
8:00 AM - 9:30 AM
Boston Scientific Pavilion
ONXY ONE AND THE HIGH BLEEDING RISK PATIENT: REAL-WORLD CASE REVIEWS AND DISCUSSION

SATURDAY, SEPTEMBER 28, 2019
8:00 AM - 9:30 AM
Medtronic Pavilion

BIFURCATION PCI: A STEP-BY-STEP TRAINING APPROACH (VISIBLE HEART)

SATURDAY, SEPTEMBER 28, 2019
10:00 AM - 11:30 AM
Medtronic Pavilion

LOW-RISK TAVR: CASE SELECTION AND LIFETIME TREATMENT PATHWAY CONSIDERATIONS

SATURDAY, SEPTEMBER 28, 2019
12:00 PM - 1:30 PM
Low-Risk TAVR: Case Selection and Lifetime Treatment Pathway Considerations
Training Pavilion Faculty: James Harvey, Tsuyoshi Kaneko

12:00 AM
Introduction
12:05 AM Low Risk Data Review
12:15 AM Low Risk Patient Selection and Treatment Pathways: Considerations and Shared Decision Making
12:45 AM Interactive Discussion on Patient Scenarios

HOW THINGS WORK: THE SCIENCE OF RDN

SATURDAY, SEPTEMBER 28, 2019
2:00 PM - 3:30 PM
Medtronic Pavilion

TIPS, TOOLS, AND TECHNIQUES FOR SUCCESSFUL POST-TAVR PCI

SATURDAY, SEPTEMBER 28, 2019
4:00 PM - 5:30 PM
Medtronic Pavilion
INTERVENTIONAL TREATMENT OF CARDIOGENIC SHOCK: HANDS-ON TRAINING WITH IMPELLA, PROTEK DUO, AND ECLS SYSTEMS

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, Colin Hirst, Perwaiz M. Meraj, L. Christian Napp

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
Training Pavilion Faculty: Maximilian Halbe
8:30 am Rotation 2
Training Pavilion Faculty: Maximilian Halbe
8:50 am Rotation 3
Training Pavilion Faculty: Maximilian Halbe
9:10 am Rotation 4
Training Pavilion Faculty: Maximilian Halbe

Rotation: Hands On Training with Impella Device Insertion and Operation
Training Pavilion Faculty: Colin Hirst, L. Christian Napp
8:10 am Rotation 1
Training Pavilion Faculty: Colin Hirst, L. Christian Napp
8:30 am Rotation 2
Training Pavilion Faculty: Colin Hirst, L. Christian Napp
8:50 am Rotation 3
Training Pavilion Faculty: Colin Hirst, L. Christian Napp
9:10 am Rotation 4
Training Pavilion Faculty: Colin Hirst, L. Christian Napp

Rotation: Hands On Training With LivaNova ECLS Equipment
Training Pavilion Faculty: Mir Babar Basir
8:10 am Rotation 1
Training Pavilion Faculty: Mir Babar Basir
8:30 am Rotation 2
Training Pavilion Faculty: Mir Babar Basir
8:50 am Rotation 3
Training Pavilion Faculty: Mir Babar Basir
9:10 am Rotation 4
Training Pavilion Faculty: Mir Babar Basir

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
Training Pavilion Faculty: David A. Baran
8:30 am Rotation 2
Training Pavilion Faculty: David A. Baran
8:50 am Rotation 3
Training Pavilion Faculty: David A. Baran
9:10 am Rotation 4
Training Pavilion Faculty: David A. Baran

Rotation: Hands On Training With the CardioHelp Device
Training Pavilion Faculty: Perwaiz M. Meraj
8:10 am Rotation 1
Training Pavilion Faculty: Perwaiz M. Meraj
8:30 am Rotation 2
Training Pavilion Faculty: Perwaiz M. Meraj
8:50 am Rotation 3
Training Pavilion Faculty: Perwaiz M. Meraj
9:10 am Rotation 4
Training Pavilion Faculty: Perwaiz M. Meraj

Rotation: Understanding the Hemodynamics of MCS: Harvi Simulator
Training Pavilion Faculty: Arthur Garan
8:10 am Rotation 1
Training Pavilion Faculty: Arthur Garan
8:30 am Rotation 2
Training Pavilion Faculty: Arthur Garan
8:50 am Rotation 3
Training Pavilion Faculty: Arthur Garan
9:10 am Rotation 4
Training Pavilion Faculty: Arthur Garan
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)
Training Pavilion Faculty: David A. Baran, Arthur Garan, Maximilian Halbe, Colin Hirst, Amir Kaki, Francesco Maisano, Dennis Lynn Morris, William W. O'Neill

10:00 AM   Session I: Overview
10:00 AM   Overview
Training Pavilion Faculty: William W. O'Neill

10:10 AM   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
Training Pavilion Faculty: Maximilian Halbe, Francesco Maisano
10:30 AM   Rotation 2
Training Pavilion Faculty: Maximilian Halbe, Francesco Maisano
10:50 AM   Rotation 3
Training Pavilion Faculty: Maximilian Halbe, Francesco Maisano
11:10 AM   Rotation 4
Training Pavilion Faculty: Maximilian Halbe, Francesco Maisano

Rotation: Hands On Training with Impella Device Insertion and Operation
Training Pavilion Faculty: Arthur Garan
10:10 AM   Rotation 1
Training Pavilion Faculty: Arthur Garan
10:30 AM   Rotation 2
Training Pavilion Faculty: Arthur Garan
10:50 AM   Rotation 3
Training Pavilion Faculty: Arthur Garan
11:10 AM   Rotation 4
Training Pavilion Faculty: Arthur Garan

Rotation: Hands On Training With LivaNova ECLS Equipment
Training Pavilion Faculty: David A. Baran
10:10 AM   Rotation 1
Training Pavilion Faculty: David A. Baran
10:30 AM   Rotation 2
Training Pavilion Faculty: David A. Baran
10:50 AM   Rotation 3
Training Pavilion Faculty: David A. Baran
11:10 AM   Rotation 4
Training Pavilion Faculty: David A. Baran

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
Training Pavilion Faculty: Colin Hirst
10:30 AM   Rotation 2
Training Pavilion Faculty: Colin Hirst
10:50 AM   Rotation 3
Training Pavilion Faculty: Colin Hirst
11:10 AM   Rotation 4
Training Pavilion Faculty: Colin Hirst

Rotation: Hands On Training With the CardioHelp Device
Training Pavilion Faculty: Amir Kaki
10:10 AM   Rotation 1
Training Pavilion Faculty: Amir Kaki
10:30 AM   Rotation 2
Training Pavilion Faculty: Amir Kaki
10:50 AM   Rotation 3
Training Pavilion Faculty: Amir Kaki
11:10 AM   Rotation 4
Training Pavilion Faculty: Amir Kaki

Rotation: Understanding the Hemodynamics of MCS: Harvi Simulator
Training Pavilion Faculty: Dennis Lynn Morris
10:10 AM   Rotation 1
Training Pavilion Faculty: Dennis Lynn Morris
10:30 AM   Rotation 2
Training Pavilion Faculty: Dennis Lynn Morris
10:50 AM   Rotation 3
Training Pavilion Faculty: Dennis Lynn Morris
11:10 AM   Rotation 4
Training Pavilion Faculty: Dennis Lynn Morris
Interventional Treatment of Cardiogenic Shock: Hands-on Training with Impella, Protek DUO, and ECLS Systems (Session III)
Training Pavilion Faculty: David A. Baran, Arthur Garan, Maximilian Halbe, Amir Kaki, Sanjog Kalra, Navin K. Kapur, Dennis Lynn Morris

2:00 PM Session I: Overview
Training Pavilion Faculty: Navin K. Kapur

2:10 PM 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
Training Pavilion Faculty: Maximilian Halbe
2:30 PM Rotation 2
Training Pavilion Faculty: Maximilian Halbe
2:50 PM Rotation 3
Training Pavilion Faculty: Maximilian Halbe
3:10 PM Rotation 4
Training Pavilion Faculty: Maximilian Halbe

Rotation: Hands On Training with Impella Device Insertion and Operation
Training Pavilion Faculty: Sanjog Kalra
2:10 PM Rotation 1
Training Pavilion Faculty: Sanjog Kalra
2:30 PM Rotation 2
Training Pavilion Faculty: Sanjog Kalra
2:50 PM Rotation 3
Training Pavilion Faculty: Sanjog Kalra
3:10 PM Rotation 4
Training Pavilion Faculty: Sanjog Kalra

Rotation: Hands On Training With LivaNova ECLS Equipment
Training Pavilion Faculty: David A. Baran
2:10 PM Rotation 1
Training Pavilion Faculty: David A. Baran
2:30 PM Rotation 2
Training Pavilion Faculty: David A. Baran
2:50 PM Rotation 3
Training Pavilion Faculty: David A. Baran
3:10 PM Rotation 4
Training Pavilion Faculty: David A. Baran

Rotation: Hands On Training with Protek Duo Cannula Insertion and Pump for Right Heart Support
Training Pavilion Faculty: Dennis Lynn Morris
2:10 PM Rotation 1
Training Pavilion Faculty: Dennis Lynn Morris
2:30 PM Rotation 2
Training Pavilion Faculty: Dennis Lynn Morris
2:50 PM Rotation 3
Training Pavilion Faculty: Dennis Lynn Morris
3:10 PM Rotation 4
Training Pavilion Faculty: Dennis Lynn Morris

Rotation: Hands On Training With the CardioHelp Device
Training Pavilion Faculty: Amir Kaki
2:10 PM Rotation 1
Training Pavilion Faculty: Amir Kaki
2:30 PM Rotation 2
Training Pavilion Faculty: Amir Kaki
2:50 PM Rotation 3
Training Pavilion Faculty: Amir Kaki
3:10 PM Rotation 4
Training Pavilion Faculty: Amir Kaki

Rotation: Understanding the Hemodynamics of MCS: Harvi Simulator
Training Pavilion Faculty: Arthur Garan
2:10 PM Rotation 1
Training Pavilion Faculty: Arthur Garan
2:30 PM Rotation 2
Training Pavilion Faculty: Arthur Garan
2:50 PM Rotation 3
Training Pavilion Faculty: Arthur Garan
3:10 PM Rotation 4
Training Pavilion Faculty: Arthur Garan
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

4:00 PM - 4:10 PM
Session I: Overview
Training Pavilion Faculty: Arthur Garan

4:10 PM - 5:30 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
  Training Pavilion Faculty: Maximilian Halbe, Francesco Maisano
  4:30 PM  Rotation 2
  Training Pavilion Faculty: Maximilian Halbe, Francesco Maisano
  4:50 PM  Rotation 3
  Training Pavilion Faculty: Maximilian Halbe, Francesco Maisano
  5:10 PM  Rotation 4
  Training Pavilion Faculty: Maximilian Halbe, Francesco Maisano

- Rotation: Hands On Training with Impella Device Insertion and Operation
  Training Pavilion Faculty: Sanjog Kalra
  4:10 PM  Rotation 1
  Training Pavilion Faculty: Sanjog Kalra
  4:30 PM  Rotation 2
  Training Pavilion Faculty: Sanjog Kalra
  4:50 PM  Rotation 3
  Training Pavilion Faculty: Sanjog Kalra
  5:10 PM  Rotation 4
  Training Pavilion Faculty: Sanjog Kalra

- Rotation: Hands On Training With LivaNova ECLS Equipment
  Training Pavilion Faculty: Colin Hirst
  4:10 PM  Rotation 1
  Training Pavilion Faculty: Colin Hirst
  4:30 PM  Rotation 2
  Training Pavilion Faculty: Colin Hirst
  4:50 PM  Rotation 3
  Training Pavilion Faculty: Colin Hirst
  5:10 PM  Rotation 4
  Training Pavilion Faculty: Colin Hirst

- 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
  Training Pavilion Faculty: Arthur Garan
  4:30 PM  Rotation 2
  Training Pavilion Faculty: Arthur Garan
  4:50 PM  Rotation 3
  Training Pavilion Faculty: Arthur Garan
  5:10 PM  Rotation 4
  Training Pavilion Faculty: Arthur Garan

- Rotation: Hands On Training With the CardioHelp Device
  Training Pavilion Faculty: L. Christian Napp
  4:10 PM  Rotation 1
  Training Pavilion Faculty: L. Christian Napp
  4:30 PM  Rotation 2
  Training Pavilion Faculty: L. Christian Napp
  4:50 PM  Rotation 3
  Training Pavilion Faculty: L. Christian Napp
  5:10 PM  Rotation 4
  Training Pavilion Faculty: L. Christian Napp

- Rotation: Understanding the Hemodynamics of MCS: Harvi Simulator
  Training Pavilion Faculty: Dennis Lynn Morris
  4:10 PM  Rotation 1
  Training Pavilion Faculty: Dennis Lynn Morris
  4:30 PM  Rotation 2
  Training Pavilion Faculty: Dennis Lynn Morris
  4:50 PM  Rotation 3
  Training Pavilion Faculty: Dennis Lynn Morris
  5:10 PM  Rotation 4
  Training Pavilion Faculty: Dennis Lynn Morris
COMPLEX LESION MANAGEMENT IN SFA INTERVENTION

SATURDAY, SEPTEMBER 28, 2019
8:00 AM - 9:30 AM
CRF Pavilion 2

8:00 AM - 9:30 AM
SFA Intervention: De-Bulking, Complex Lesions, and Definitive Therapy (Session I)

8:00 AM  Session I: Introduction
8:00 AM  Introduction: Introducing Unmet Needs
Complex Lesions Definitive Treatment Options and Debulking
Training Pavilion Faculty: Sahil A. Parikh

8:10 AM  Session II: Rotations Four 20 Minute Rotations
Rotation: Definitive Treatment Options Featuring Abbott
Training Pavilion Faculty: Eric J. Dippel, Ethan C. Korngold, Craig M. Walker
8:10 AM  Rotation 1
Training Pavilion Faculty: Eric J. Dippel, Ethan C. Korngold, Craig M. Walker
8:30 AM  Rotation 2
Training Pavilion Faculty: Eric J. Dippel, Ethan C. Korngold, Craig M. Walker
8:50 AM  Rotation 3
Training Pavilion Faculty: Eric J. Dippel, Ethan C. Korngold, Craig M. Walker
9:10 AM  Rotation 4
Training Pavilion Faculty: Eric J. Dippel, Ethan C. Korngold, Craig M. Walker

Rotation: Definitive Treatment Options Featuring BSC
Training Pavilion Faculty: George S. Chrysant, Beau Hawkins, S. Jay Mathews
8:10 AM  Rotation 1
Training Pavilion Faculty: George S. Chrysant, Beau Hawkins, S. Jay Mathews
8:30 AM  Rotation 2
Training Pavilion Faculty: George S. Chrysant, Beau Hawkins, S. Jay Mathews
8:50 AM  Rotation 3
Training Pavilion Faculty: George S. Chrysant, Beau Hawkins, S. Jay Mathews
9:10 AM  Rotation 4
Training Pavilion Faculty: George S. Chrysant, Beau Hawkins, S. Jay Mathews

10:00 AM - 11:30 AM
SFA Intervention: De-Bulking, Complex Lesions, and Definitive Therapy (Session II)

10:00 AM  Session I: Introduction
10:00 AM  Introduction: Introducing Unmet Needs
Complex Lesions Definitive Treatment Options and Debulking
Training Pavilion Faculty: Ehrin J. Armstrong

10:10 AM  Session II: Rotations
TIPS AND TRICKS FOR CHIP/COMPLEX PCI

Tips and Tricks for CHIP/Complex PCI

Coronary: CHIP

SATURDAY, SEPTEMBER 28, 2019
2:00 - 3:30
CRF Pavilion 2

Tips and Tricks for CHIP/Complex PCI Session I
Training Pavilion Faculty: Dimitrios Bliagos, Ronald Caputo, Jon C. George, Annapoorna Kini, Kintur A. Sanghvi, Jason Wollmuth

2:00
Rapid Fire Case Presentations
2:00 My Top 10 Tips and Tricks for Treating Bifurcation Lesions
Training Pavilion Faculty: Annapoorna Kini

2:12 Roundtable Discussion With Audience QA
Training Pavilion Faculty: Annapoorna Kini

2:15 My Top 10 Tips and Tricks for Crossing and Device Delivery
Training Pavilion Faculty: Jon C. George

2:27 Roundtable Discussion With Audience QA
Training Pavilion Faculty: Jon C. George

2:30 Novel Forms of Access With Hemodynamic Support
Training Pavilion Faculty: Jason Wollmuth

2:42 Roundtable Discussion With Audience QA
Training Pavilion Faculty: Jason Wollmuth

2:45 Hands On Rotations Between Medtronic Abiomed and TBD
2:45 Rotation: Medtronic Inc. Featured Devices: Telescope Radial Guides Bifurcation Videos
Training Pavilion Faculty: Ronald Caputo, rajneesh kapoor

2:45 Rotation: Abiomed Featured Devices and Access
Training Pavilion Faculty: Dimitrios Bliagos, Kintur A. Sanghvi, Jason Wollmuth

Tips and Tricks for CHIP/Complex PCI

Coronary: CHIP

SATURDAY, SEPTEMBER 28, 2019
4:00 - 5:30
CRF Pavilion 2

Tips and Tricks for CHIP/Complex PCI Session II

4:00 - 5:30

CTO MASTERS OPERATOR WORKSHOP @ TCT 2019: PART 1

**Introduction and Opening Speech**
Training Pavilion Faculty: Junbo Ge

**Practice-Based Lecture: Antegrade Approach for CTO — How and Why?**
Training Pavilion Faculty: Jie Zhao

**Practice-Based Lecture: ADR for CTO — How and Why?**
Training Pavilion Faculty: Bin Nie

**Practice-Based Lecture: IVUS-Guided CTO PCI — How and Why?**

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CTO MASTERS OPERATOR WORKSHOP @ TCT 2019: PART 2

**Practice-Based Lecture: Retrograde Approach for CTO — How and Why?**
Training Pavilion Faculty: ma jianying

**Practice-Based Lecture: Reverse CART and Active Greeting Technique — How and Why?**
Training Pavilion Faculty: Tao Hu

**Practice-Based Lecture: Management of CTO PCI Complications — How and Why?**
Training Pavilion Faculty: Yuchen Zhang

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CINCHING THE MITRAL APPARATUS TO TREAT FMR: CARILLON MITRAL CONTOUR SYSTEM HANDS-ON TRAINING

**Cinching the Mitral Apparatus to Treat FMR: Carillon Mitral Contour System Hands-On Training**

---
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 - 2:30 PM
Station 1: Dry Model Deployment of the Carillon Mitral Contour System
2:25 PM - 2:30 PM
Station 2: Animal Model Deployment of the Carillon Mitral Contour System
2:25 PM - 2:30 PM
Station 3: Wet Model Deployments of the Carillon Mitral Contour System Showing Improvements in Hemodynamics and Cinching of the Mitral Apparatus

3:25 PM - 3:30 PM
Close and Adjourn
Training Pavilion Faculty: Steven Goldberg, Klaus Witte

3:25 PM - 4:25 PM
Breakout Sessions
Training Pavilion Faculty: Steven Goldberg, Klaus Witte

3:25 PM - 3:30 PM
Station 1: Dry Model Deployment of the Carillon Mitral Contour System
3:25 PM - 3:30 PM
Station 2: Animal Model Deployment of the Carillon Mitral Contour System
3:25 PM - 3:30 PM
Station 3: Wet Model Deployments of the Carillon Mitral Contour System Showing Improvements in Hemodynamics and Cinching of the Mitral Apparatus

4:25 PM - 5:25 PM
Breakout Sessions
Training Pavilion Faculty: Steven Goldberg, Klaus Witte

4:25 PM - 4:30 PM
Station 1: Dry Model Deployment of the Carillon Mitral Contour System
4:25 PM - 4:30 PM
Station 2: Animal Model Deployment of the Carillon Mitral Contour System
4:25 PM - 4:30 PM
Station 3: Wet Model Deployments of the Carillon Mitral Contour System Showing Improvements in Hemodynamics and Cinching of the Mitral Apparatus

5:25 PM - 5:30 PM
Close and Adjourn
Training Pavilion Faculty: Steven Goldberg, Klaus Witte

BIORESORBABLE SCAFFOLDS - 4

Bioresorbable Scaffolds - 4
Moderators: Jean-François Tanguay, Robert-Jan Van Geuns
Discussants: Stefan Verheyen, Nick E. J. West

9:30 AM - 10:30 AM
Moderated Posters 4

9:30 AM - 10:30 AM
Bioresorbable Scaffolds - 4

SATURDAY, SEPTEMBER 28, 2019
9:30 AM - 10:30 AM
Bioresorbable Scaffolds - 4
Moderators: Jean-François Tanguay, Robert-Jan Van Geuns
Discussants: Stefan Verheyen, Nick E. J. West

9:30 AM - 10:30 AM
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

9:40 AM - 9:50 AM
TCT 183: The Impact of Atherosclerotic Plaque Type on Strut Penetration and Local Hemodynamics in Bioresorbable Scaffolds
Presenting Author: ERHAN TENERECIOGLU
Discussion

9:50 AM - 10:00 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
Discussion

10:00 AM - 10:10 AM
TCT 185: ABSORB CTO study. Long term follow up and vasomotor and OCT findings.
Presenting Author: LIVIA LUCIANA GHEORGHE
Discussion

10:10 AM - 10:20 AM
TCT 186: Preclinical Evaluation of a Novel Thin strut PLLA Bioresorbable Scaffold in Porcine Coronary Artery at 6 month Follow up
Presenting Author: CHEN Yanping
Discussion
HEMODYNAMIC SUPPORT DURING PCI

SATURDAY, SEPTEMBER 28, 2019
9:30 AM - 10:20 AM
Moderated Posters 7

9:30 AM - 10:20 AM
Hemodynamic Support During PCI
Moderators: Khaldoon F. Alaswad, Thomas D. Stuckey
Discussants: John McB. Hodgson, Michael A. Kutcher, Rajeev Narayan, Fayaz Shawl

9:30 AM
TCT 318: Hemodynamics of High Risk Percutaneous Coronary Intervention With and Without Mechanical Circulatory Support: A Pilot Study With Pressure Volume Loop Analysis
Presenting Author: Michael Brener

9:37 AM
Discussion

9:40 AM
TCT 319: Impact of Percutaneous Ventricular Assist Device Utilization Volume During Percutaneous Coronary Intervention in Non Cardiogenic Shock Patients on 30 Day Readmission Rate: A Nationwide Cohort Study
Presenting Author: Yasser Al-khadra

9:47 AM
Discussion

9:50 AM
TCT 320: Prophylactic Veno Arterial Extra Corporeal Membrane Oxygenation in Patients Undergoing High Risk Percutaneous Coronary Interventions
Presenting Author: Floris van den Brink

9:57 AM
Discussion

10:00 AM
TCT 321: Head to head comparison of a pulsatile and a continuous flow left ventricular assist device in high risk PCI setting iVAC2L vs. Impella 2.5
Presenting Author: Alexander Samol

10:07 AM
Discussion

10:10 AM
TCT 322: Outcome in patients undergoing high risk PCI using Impella circulatory support: 10 year experience
Presenting Author: Vincenzo Vetrugno

10:17 AM
Discussion

INTRAVASCULAR IMAGING - 4

SATURDAY, SEPTEMBER 28, 2019
9:30 AM - 10:30 AM
Moderated Posters 2

9:30 AM
TCT 294: Clinical Outcomes in Women and Minorities According to the Urgency of Percutaneous Coronary Intervention
Presenting Author: Davide Cao

9:37 AM
Discussion

9:40 AM
TCT 295: Prognosis of percutaneous coronary intervention with very long stents implantation in real clinical practice.
Presenting Author: IGNACIO SANCHEZ PEREZ

9:47 AM
Discussion

9:50 AM
TCT 296: Comparison between the use of very long stents and overlapping stents for the treatment of diffuse coronary artery disease. A real life registry
Presenting Author: IGNACIO SANCHEZ PEREZ

9:57 AM
Discussion

10:00 AM
TCT 297: Performing percutaneous coronary interventions with pre dilatation using non compliant balloons at high pressure versus conventional pre dilatation with semi compliant balloons Insights from two randomized studies using optical coherence tomography
Presenting Author: Matthias Bossard

10:07 AM
Discussion

10:10 AM
TCT 298: Outcomes of Patients Undergoing Complex Percutaneous Coronary Intervention
Presenting Author: Lorenzo Azzalini

10:17 AM
Discussion

10:20 AM
TCT 299: The Impact of Left Ventricular Ejection Fraction on Long term Outcomes in Patients Undergoing PCI: Analysis from a large pooled randomized trial dataset
Presenting Author: mingyou zhang

10:27 AM
Discussion

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, Gert Richardt

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

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Discussion

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Presenting Author: Matthias Bossard

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Discussion

10:10 AM
TCT 298: Outcomes of Patients Undergoing Complex Percutaneous Coronary Intervention
Presenting Author: Lorenzo Azzalini

10:17 AM
Discussion

10:20 AM
TCT 299: The Impact of Left Ventricular Ejection Fraction on Long term Outcomes in Patients Undergoing PCI: Analysis from a large pooled randomized trial dataset
Presenting Author: mingyou zhang

10:27 AM
Discussion
9:30 AM - 10:30 AM  
**Intravascular Imaging**

Moderators: Javaid Iqbal, 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: Han-bit Park

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: Infrapopliteal 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

**Novel Aortic Devices and Approaches**

**Structural: Valve**

SATURDAY, SEPTEMBER 28, 2019  
9:30 AM - 10:30 AM  
**Pre-Clinical Models and Studies**

**Innovation**

9:30 AM - 10:30 AM  
**TCT 477: Balloon aortic valvuloplasty: a pilot experience of same day discharge with a transradial approach**  
Presenting Author: Marco Balducelli

9:37 AM  
Discussion

9:40 AM  
**TCT 478: Results of the Italian Multicenter Register of the Safety and Feasibility of Transradial Mini Invasive Balloon Aortic Valvuloplasty Softly II**  
Presenting Author: Carlo Tumscitz

9:47 AM  
Discussion

9:50 AM  
**TCT 479: Transfemoral aortic valve implantation using self expanding New Valve Technology NVT Allegro 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: NewDevices**  
Presenting Author: Georg Lutter

10:17 AM  
Discussion

10:20 AM  
**TCT 482: Temporal evaluation of a biological response and functionality of a novel balloon expandable transcatheter aortic valve system MyVal in a model of aortic banding**  
Presenting Author: Piotr P. Buszman

10:27 AM  
Discussion
### TRANSCATHETER VALVE THERAPY | SATURDAY, SEPTEMBER 28, 2019

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:47 AM</td>
<td>Discussion</td>
</tr>
</tbody>
</table>
| 9:50 AM| TCT 595: Left Ventricular Cardiac Reshaping With Trans Myocardial Splints Does Not Impair Diastolic Function in Preclinical Studies  
Presenting Author: Daiju Onohara |
| 9:57 AM| Discussion                                  |
| 10:00 AM| TCT 596: Reducing Left Ventricular Sphericity With a Trans Ventricular Myocardial Splint Improves Systolic Function in a Preclinical Ischemic Cardiomyopathy Model  
Presenting Author: Daiju Onohara |

### VULNERABLE PLAQUES AND HIGH-RISK PATIENTS - 2

#### Vulnerable Plaques and High-Risk Patients - 2

**Coronary: Core**

**SATURDAY, SEPTEMBER 28, 2019**

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

Moderated Posters 6

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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</table>
| 9:30 AM| TCT 606: Adventitial Guanethidine MMS 008 in Comparison to Ethanol and a Prior Formulation of Guanethidine MMS 007 for Renal Denervation: Preclinical Norepinephrine and Histopathology Results  
Presenting Author: Kirk P. Seward |
| 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 Aloglptin on Coronary Plaque Regression in Patients with Acute Coronary Syndromes: A Prospective Single Center Randomized Trial  
Presenting Author: Shinnosuke Kikuchi |
| 9:57 AM| Discussion                                  |
| 10:00 AM| TCT 836: The ratio serum creatinineserum cystatin C as a predictor of ischemic risk in elderly patients with coronary artery disease.  
Presenting Author: Hak Seung Lee |
| 10:07 AM| Discussion                                  |
| 10:10 AM| TCT 837: Diagnosed Obstructive Sleep Apnea Is Associated With Improved in hospital Mortality In Patients With Non ST Elevation MyocardialInfarction  
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

**Structural: Valve**

**SATURDAY, SEPTEMBER 28, 2019**

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

Moderated Posters 3

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
</table>
| 9:30 AM| Renal Denervation  
Moderators: Dmitry N. FeldmanDiscussants: Ian C. Gilchrist, Richard R. Heuser, Kintur A. Sanghvi, Andrew Sharp, Konstantinos P. Tsioufis |
| 9:37 AM| Discussion                                  |
| 9:40 AM| TCT 608: Implementation of Bayesian Study Design in the SPYRAL HTN OFF MED Pivotal Trial  
Presenting Author: Michael Böhm |
| 9:47 AM| Discussion                                  |
| 9:50 AM| TCT 84: Renal Denervation With Symplicity Spyral Catheter in the Global Symplicity Registry: Safety and Efficacy at 3 Years  
Presenting Author: Michael Böhm |
10:20 AM - 11:30 AM  
Detection and Closure of Paravalvular Leaks

Moderators: Jose Luis Navia, Carlos E. Ruiz
Discussants: Andres Pineda

10:20 AM  
TCT 253: Transcatheter Device Closure of Paravalvular Leaks - a Single Centre Experience
Presenting Author: Raghuram Palaparti

10:27 AM  
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

10:37 AM  
Discussion

10:40 AM  
TCT 255: Impact of the Aortic Annulus Maximal Diameter on Oversizing the Self Expandable Valve Medtronic and on the Reduction of Post Transcatheter Aortic Valve Implantation Paravalvular Leak
Presenting Author: Bechara EL JOURDI

10:47 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

**DRUG-ELUTING STENT STUDIES - BIODEGRADABLE POLYMERS**

**Drug-Eluting Stent Studies - Biodegradable Polymers**

**Coronary: Core**

**MANAGEMENT OF ANTIPLATELET THERAPY AND ANTICOAGULATION IN patients UNDERGOING PCI - 4**

**Management of Antiplatelet Therapy and Anticoagulation in Patients Undergoing PCI - 4**

**Coronary: Core**
10:30 AM - 11:30 AM

PCI and Antithrombotic Therapy and Anticoagulation in Patients Undergoing PCI - 4

Moderators: Ahmed Magdy
Discussants: Simon R. Dixon, Michael Maeng, Zuzana Motovska, Thomas D. Stuckey, Jean-François Tanguy

10:30 AM
TCT 412: Comparative Safety and Efficacy of Second Generation P2Y12 Inhibitors versus Clopidogrel in Combination with Oral Anticoagulation in Atrial Fibrillation Patients Undergoing Percutaneous Coronary Intervention: A Systematic Review and Meta Analysis
Presenting Author: Shaun Giancaterino

10:37 AM
Discussion

10:40 AM
TCT 413: Different Safety Pattern of Ticagrelor Monotherapy Following Percutaneous Coronary Interventions Related to Pulse Pressure Levels: A Sub analysis of the GLOBAL LEADERS Randomized Multicenter Trial
Presenting Author: Rodrigo Modolo

10:47 AM
Discussion

10:50 AM
TCT 414: Anticoagulation Regimens in Patients with Atrial Fibrillation Undergoing Percutaneous Coronary Intervention Network Meta analysis.
Presenting Author: Alexander Ivanov

10:57 AM
Discussion

11:00 AM
TCT 415: Platelet reactivity inhibition following ticagrelor loading dose in patients undergoing percutaneous coronary intervention for acute coronary syndrome
Presenting Author: Vassili Panagides

11:07 AM
Discussion

11:10 AM
TCT 416: Efficacy and Safety of Single versus Double Antithrombotic Therapy in Patients on Anticoagulation following Percutaneous Coronary Intervention: A Systematic Review and Meta analysis
Presenting Author: Varunsiri Atti

11:17 AM
Discussion

11:20 AM
TCT 417: Influence of Thrombotic and Bleeding Risk on P2Y12 Receptor Inhibitor Choice in ACS after PCI: Insights From a Large Single Center Registry
Presenting Author: Ada Ip

11:27 AM
Discussion

PCI AND BLEEDING COMPLICATIONS

PCI and Bleeding Complications

Coronary: Core

SATURDAY, SEPTEMBER 28, 2019
10:30 AM - 11:30 AM
Moderated Posters 1

10:30 AM - 11:30 AM

TAVR COMORBIDITIES AND COMPLICATIONS - 2

TAVR Comorbidities and Complications - 2

Structural: Valve

SATURDAY, SEPTEMBER 28, 2019
10:30 AM - 11:30 AM
Moderated Posters 7
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
Discussion
10:47 AM  TCT 698: Impact of Patient Frailty is Associated with Index and Readmission Outcomes Following TAVR
Presenting Author: Sara Emami
Discussion
10:57 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
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
Discussion
11:07 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
Discussion
Presenting Author: Arturo Garcia-Touchard
Discussion
11:17 AM  TCT 727: Transcatheter Versus Surgical Aortic Valve Replacement in Low Risk Patients: a Meta Analysis
Presenting Author: Toby Rogers
Discussion
10:47 AM  TCT 729: Short Term Outcomes with Transcatheter vs. Surgical Aortic Valve Replacement in Low Risk Patients: A Meta Analysis of Randomized Controlled Trials
Presenting Author: Amartya Kundu
Discussion
10:57 AM  TCT 730: Key Cardiovascular Outcomes After Balloon Expandable Versus Self Expandable Transcatheter Aortic Valve Implantation
Presenting Author: Haris Riaz
Discussion
11:07 AM  TCT 731: Varying Pressure Recovery characteristics between Balloon Expandable Versus Self Expanding Valves
Presenting Author: Lakshmi Dasi
Discussion
11:17 AM  TCT 732: Corevalve Evolut PRO versus Evolut R: a case matched comparison in severely calcified anatomies
Presenting Author: Kerstin Piayda
Discussion
11:20 AM  VASCULAR ACCESS AND CLOSURE IN PCI - 3
Moderators: Joachim SchoferDiscussants: Carlos D. Calderas, Juan Terre, Ramiro Trillo
10:30 AM  TCT 790: Forearm Radial Artery Occlusion Following Distal Radial Artery Approach
Presenting Author: Kazuki Tobita
Discussion
10:37 AM  TCT 791: Reasons for not Using Radial Access for Percutaneous Coronary Intervention in era of Experienced Radial Operator
Presenting Author: Tanawan Riangwiwat
Discussion
10:47 AM  TCT 792: Meta Analysis of Radial Hemostasis Trials Using Patent Hemostasis and a Potassium Ferrate Hemostatic Disc
Presenting Author: Matheen Khuddus
Discussion
10:57 AM  TCT 793: Arterial Anomalies of Upper Limb and its Influence on Transradial Coronary Procedures
Discussion

10:30 AM - 11:30 AM
TAVR vs. SAVR and TAVR vs. TAVR - 2
Moderators: Joachim SchoferDiscussants: Carlos D. Calderas, Juan Terre, Ramiro Trillo
10:30 AM  TAVR vs. SAVR and TAVR vs. TAVR - 2
Moderated Posters 5
10:30 AM - 11:30 AM
10:30 AM  TCT 727: Transcatheter Versus Surgical Aortic Valve Replacement in Low Risk Patients: a Meta Analysis
Presenting Author: Toby Rogers
10:37 AM  Discussion
10:40 AM  TCT 728: Low risk Transcatheter versus Surgical Aortic Valve Replacement A Meta analysis of Randomized Controlled Trials
Presenting Author: Mahesh Anantha Narayanan
10:47 AM  Discussion
10:50 AM  TCT 729: Short Term Outcomes with Transcatheter vs. Surgical Aortic Valve Replacement in Low Risk Patients: A Meta Analysis of Randomized Controlled Trials
Presenting Author: Amartya Kundu
Discussion
10:57 AM  TCT 730: Key Cardiovascular Outcomes After Balloon Expandable Versus Self Expandable Transcatheter Aortic Valve Implantation
Presenting Author: Haris Riaz
Discussion
11:07 AM  TCT 731: Varying Pressure Recovery characteristics between Balloon Expandable Versus Self Expanding Valves
Presenting Author: Lakshmi Dasi
Discussion
11:17 AM  TCT 732: Corevalve Evolut PRO versus Evolut R: a case matched comparison in severely calcified anatomies
Presenting Author: Kerstin Piayda
Discussion
11:20 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
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Discussion
AGE AND GENDER AND PRIMARY PCI

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
Vulnerable Plaques and High Risk Patients - 3
Moderators: Neal Gordon Uren, Bernhard Witzenbichler
Discussants: John A. Ambrose, Sahail 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: Scot Garg

10:47 am
Discussion

10:50 am
TCT 841: The impact of HIV on coronary artery procedure in patients of coronary artery disease
Presenting Author: Amer N. Kadri

10:57 am
Discussion

11:00 am
Presenting Author: Megha Prasad

11:07 am
Discussion

11:10 am
TCT 843: Burden of 30 days readmission after PCI to non index Hospital vs index Hospital in the United States: Insights from the Nationwide Readmission Database NRD

Presenting Author: boutros karam

11:17 am
Discussion

11:20 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

11:27 am
Discussion
### BIOMARKERS AND OUTCOMES

**Biomarkers and Outcomes**

**Coronary: Core**

**SATURDAY, SEPTEMBER 28, 2019**

**11:30 AM - 12:10 PM**
Moderated Posters 4

**11:30 AM**
**TCT 158:** Intracoronary CD34 Cell Therapy Further Improves One Year Left Ventricular Systolic Function in Patients with Concomitant Severe Diffuse Coronary Artery Disease and Preserved Cardiac Performance  
*Presenting Author: Pei-Hsun Sung*

**11:37 AM**
**Discussion**

**11:40 AM**
**TCT 161:** Association between platelet aggregability during primary percutaneous coronary intervention and increased leukocyte in patients with ST elevation myocardial infarction  
*Presenting Author: Shinnosuke Kikuchi*

**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 AM**
**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 AM**
**Discussion**

**12:10 AM**
**TCT 210:** Machine Learning for Risk Prediction of Future Clinical Events in Patients with Acute Coronary Syndrome undergo percutaneous coronary intervention  
*Presenting Author: Park Jin Sup*

**12:17 AM**
**Discussion**

**12:20 AM**
**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 AM**
**Discussion**

### CORONARY ARTERY SURGERY

**Coronary Artery Surgery**

**Coronary: Core**

**SATURDAY, SEPTEMBER 28, 2019**

**11:30 AM - 12:30 PM**
Moderated Posters 7

**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 207:** Frontiers in Machine Learning amp ECG: Value of Enriching Data  
*Presenting Author: Sameer Mehta*

**11:47 AM**
**Discussion**

**11:50 AM**
**TCT 207:** 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*

**11:57 AM**
**Discussion**

**12:00 AM**
**TCT 209:** Association between platelet aggregability during primary percutaneous coronary intervention and increased leukocyte in patients with ST elevation myocardial infarction  
*Presenting Author: Shinnosuke Kikuchi*

**12:07 AM**
**Discussion**

**12:10 AM**
**TCT 210:** Machine Learning for Risk Prediction of Future Clinical Events in Patients with Acute Coronary Syndrome undergo percutaneous coronary intervention  
*Presenting Author: Park Jin Sup*

**12:17 AM**
**Discussion**

**12:20 AM**
**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 AM**
**Discussion**

### CATH LAB OF THE FUTURE - 3

**Cath Lab of the Future - 3**

**Coronary: Core**

**SATURDAY, SEPTEMBER 28, 2019**

**11:30 AM - 12:30 PM**
Moderated Posters 3

**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 207:** Frontiers in Machine Learning amp ECG: Value of Enriching Data  
*Presenting Author: Sameer Mehta*

**11:47 AM**
**Discussion**

**11:50 AM**
**TCT 207:** 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*

**11:57 AM**
**Discussion**

**12:00 AM**
**TCT 209:** Association between platelet aggregability during primary percutaneous coronary intervention and increased leukocyte in patients with ST elevation myocardial infarction  
*Presenting Author: Shinnosuke Kikuchi*

**12:07 AM**
**Discussion**

**12:10 AM**
**TCT 210:** Machine Learning for Risk Prediction of Future Clinical Events in Patients with Acute Coronary Syndrome undergo percutaneous coronary intervention  
*Presenting Author: Park Jin Sup*

**12:17 AM**
**Discussion**

**12:20 AM**
**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 AM**
**Discussion**
MORTALITY AFTER PCI

Mortality After PCI

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 AM TCT 421: Predicting 2 years all cause mortality after contemporary PCI: revising and updating the logistic clinical SYNTAX score in the GLOBAL LEADERS study
Presenting Author: Fábio Augusto Pinton

12:07 AM Discussion

12:10 AM TCT 422: Clinical Outcomes and Predictors of Mortality Among 847 Nonagenarians Undergoing Percutaneous Coronary Intervention: Insights From a Brazilian Nationwide PCI Registry CENIC Registry
Presenting Author: Mohamad Soud

12:17 AM Discussion

12:20 AM TCT 423: Periprocedural Myocardial Infarction is Associated with Mortality in Stable Angina Pectoris Patients Undergoing Elective Coronary Intervention
Presenting Author: Fábio Augusto Pinton

12:27 AM Discussion

TAVR COMORBIDITIES AND COMPLICATIONS - 3

SATURDAY, SEPTEMBER 28, 2019
11:30 AM - 12:30 PM
Moderated Posters 1

11:30 AM TAVR Comorbidities and Complications - 3
Moderators: Michael Rinaldi, Gerhard C. Schuler
Discussants: Ankur Kalra, Milan A. Nedeljkovic, Michel Pansieri, Jean-Michel Paradis, Anand Prasad

11:30 AM TCT 703: Outcomes following aortic valve replacement for cardiogenic shock: transcatheter versus surgical approaches
Presenting Author: Samuel Maidman

11:37 AM Discussion

11:40 AM TCT 704: Long Term Bleeding Following Transcatheter Aortic Valve Replacement in Patients with Chronic Kidney Disease is Associated with Increased Mortality
Presenting Author: Shawn Li

11:47 AM Discussion

11:50 AM TCT 705: Thrombocytopenia and Outcomes after Transcatheter Aortic Valve Implantation
Presenting Author: Shinya Ito
Discussion
12:00 TCT 706: Can Clinical Predictive Models Identify Patients Who Should Not Receive TAVR
Presenting Author: Benjamin Wessler

Discussion
12:07 TCT 707: Effect of Hemodynamic Profile on Mortality in Veteran Patients with Pulmonary Hypertension Undergoing TAVR
Presenting Author: Timothy Pow

Discussion
12:17 TCT 708: Outcomes of Transcatheter Aortic Valve Replacement in Oncology Patients with Severe Aortic Stenosis
Presenting Author: Alexandra Murphy

TAVR VS. SAVR AND TAVR VS. TAVR - 3

VASCULAR ACCESS AND CLOSURE IN PCI - 4

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

Vascular Access and Closure in PCI - 4
Moderators: Mauro Carlino, Robert-Jan Van Geuns
Discussants: Ramzan M. Zakir, David X. Zhao

11:30 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

Discussion
11:37 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

Discussion
11:47 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

Discussion
11:57 TCT 798: Patent radial artery after transradial coronary intervention via distal radial access at anatomical snuffbox optical coherent tomography study
Presenting Author: Daehwan Bae

Discussion
12:07 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

Discussion
TAVR COMORBIDITIES AND COMPLICATIONS - 4

SATURDAY, SEPTEMBER 28, 2019
12:30 AM - 1:30 PM
Moderated Posters 1

12:30 PM  TCT 079: Aortic Valve Replacement in Patients with Prior Kidney Transplantation: Transcatheter or Surgical approach
Presenting Author: Konstantinos Voudris
Discussion

12:37 PM  TCT 110: Body Mass Index as a Predictor of Outcomes in Patients Undergoing Transcatheter Aortic Valve Replacement
Presenting Author: Majid Asawaeer
Discussion

12:47 PM  TCT 111: Prevalence and clinical impact of bioprosthesis thrombosis after transcatheter aortic valve implantation. A collaborative meta analysis
Presenting Author: Tobias Rheude
Discussion

12:50 PM  TCT 112: 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
Discussion

1:00 PM  TCT 113: Hemodynamic Valve Dysfunction Following Transcatheter Aortic Valve Implantation: Prevalence and Predictors of Elevated Transvalvular Gradients
Presenting Author: Tobias Rheude
Discussion

1:17 PM  TCT 114: Aortic Lumen Area Modifies the Association Between Aortic Calcification and Mortality after Transcatheter Aortic Valve Replacement
Presenting Author: Gautam Rangavajla
Discussion

TAVR LEAFLET THICKENING AND THROMBOSIS

SATURDAY, SEPTEMBER 28, 2019
12:30 AM - 1:30 PM
Moderated Posters 5

12:30 PM  TCT 079: Bivalirudin vs Heparin on Radial Artery Thrombosis During Transradial Coronary Intervention: an Optical Coherence Tomography Study
Presenting Author: Zijing Liu
Discussion

12:20 PM  TCT 800: Bivalirudin vs Heparin on Radial Artery Thrombosis During Transradial Coronary Intervention: an Optical Coherence Tomography Study
Presenting Author: Zi Jing Liu
Discussion
TAVR Leaflet Thickening and Thrombosis

Moderators: Omar K. Khalique, G. Burkhard Mackensen
Discussants: Karl-Heinz Kuck, Stamatisios Lerakis, Philippe Pibaro

12:30 PM - 1:30 PM
TAVR Leaflet Thickening and Thrombosis
Presenting Author: Miho Fukui

12:30 PM - 1:30 PM
TCT 715: Anatomical Evaluation of Balloon Expandable Transcatheter Aortic Valve Replacement Computed Tomography Insights for Hypo Attenuating Leaflet Thickening
Presenting Author: Farhan Khodaee

12:30 PM - 1:30 PM
TCT 716: Transcatheter Heart Valve Under Expansion increases the Likelihood of Leaflet Thrombosis
Presenting Author: Jaffar M. Khan

12:30 PM - 1:30 PM
TCT 717: Hemodynamic predictors of leaflet thrombosis in low risk patients undergoing TAVR: A Sub Study of the Low Risk TAVR Trial
Presenting Author: Vaughan Tuohy

12:30 PM - 1:30 PM
TCT 718: Subclinical Leaflet Thrombosis is Associated With Prosthesis Oversizing in Balloon Expandable Transcatheter Aortic Valve Replacement
Presenting Author: Toshiki Kuno

12:30 PM - 1:30 PM
TCT 719: Antithrombotic Strategies after Transcatheter Aortic Valve Implantation: Insights from a Network Meta Analysis
Presenting Author: Fabian Plank

12:30 PM - 1:30 PM
TCT 720: Antithrombotic Treatment in Patients Undergoing Transcatheter Aortic Valve Replacement: a Single Center Experience
Presenting Author: Anson Cheung

12:30 PM - 1:30 PM
TCT 721: Hemodynamic predictors of leaflet thrombosis in low risk patients undergoing TAVR: A Sub Study of the Low Risk TAVR Trial
Presenting Author: Jaffar M. Khan

12:40 PM - 1:40 PM
Discussion

8:00 AM - 8:45 AM
TCT Celebrates Clinical Science & Practice
Moderators: Juan F. Granada, David Hildick-Smith
Discussants: Fernando Alfonso, Anson Cheung, Carlos Collet, Athony H. Gershlick, Jose P.S. Henriques, Michel R. Le May, Brij Maini, Stephane Noble, Robert D. Safian, Grayson H. Wheatley

8:00 AM - 8:45 AM
Best Abstract of TCT 2019

8:10 AM - 9:45 AM
Late-Breaking Trials 4
Moderators: Clyde W. Yancy
Discussants: Anita Asgar, Ori Ben-Yehuda, Somjot S. Brar, Donald Cutlip, Sameer Gafoor, Sanjay Kaul, Roxana Mehran, Eric A. Secemsky, Roseann M. White
Co-Moderators: Gregg W. Stone

8:45 AM - 9:45 AM
TCT 715: Anatomical Evaluation of Balloon Expandable Transcatheter Aortic Valve Replacement Computed Tomography Insights for Hypo Attenuating Leaflet Thickening
Presenting Author: Miho Fukui

8:45 AM - 9:45 AM
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Presenting Author: Anson Cheung

8:45 AM - 9:45 AM
TCT 721: Hemodynamic predictors of leaflet thrombosis in low risk patients undergoing TAVR: A Sub Study of the Low Risk TAVR Trial
Presenting Author: Jaffar M. Khan

8:45 AM - 9:45 AM
TCT 722: Antithrombotic Treatment in Patients Undergoing Transcatheter Aortic Valve Replacement: a Single Center Experience
Presenting Author: Toshiki Kuno

8:45 AM - 9:45 AM
TCT 723: Antithrombotic Treatment in Patients Undergoing Transcatheter Aortic Valve Replacement: a Single Center Experience
Presenting Author: Fabian Plank

8:45 AM - 9:45 AM
TCT 724: Antithrombotic Treatment in Patients Undergoing Transcatheter Aortic Valve Replacement: a Single Center Experience
Presenting Author: Anson Cheung
### SUNDAY, SEPTEMBER 29, 2019

#### Main Arena IV: Sunday, Sept. 29

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Presenters</th>
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<tbody>
<tr>
<td>8:00 AM</td>
<td>Best Abstract of TCT 2019</td>
<td>Fernando Alfonso, Anson Cheung, Carlos Collet, Anthony H. Gershlick, Jose P.S. Henriques, Michel R. Le May, Brj Maini, Stéphane Noble, Robert D. Safian, Grayson H. Wheatley</td>
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<tr>
<td>8:15 AM</td>
<td>Roundtable Discussion With Audience QA</td>
<td>Mahesh V. Madhavan</td>
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<td>8:25 AM</td>
<td>Roundtable Discussion With Audience QA</td>
<td>Abdul Qazi</td>
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<tr>
<td>8:40 AM</td>
<td>Roundtable Discussion With Audience QA</td>
<td>Roseann M. WhiteCo</td>
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<tr>
<td>8:45 AM</td>
<td>TCT Celebrates Clinical Science &amp; Practice</td>
<td>Mehran, Eric A. Secemsky, Roseann M. WhiteCo, Donald Cutlip, Sameer Gafoor, James S. Gammie, Sanjay Kaul, Roxana Mehran, Eric A. Secemsky, Roseann M. WhiteCo</td>
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<tr>
<td>9:00 AM</td>
<td>SUNDAY, SEPTEMBER 29, 2019</td>
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<tr>
<td>9:05 AM</td>
<td>PARTNER 3: Health Status Outcomes From a Randomized Trial of Transcatheter vs. Surgical Aortic Valve Replacement in Patients With Severe Aortic Stenosis at Low Surgical Risk</td>
<td>Suzanne J. Baron</td>
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<tr>
<td>9:45 AM</td>
<td>Development of the Swan Ganz Catheter: A Tale of Serendipity Ingenuity and Chance</td>
<td>James S. Forrester</td>
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<td>10:00 AM</td>
<td>Discussion</td>
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<td>10:10 AM</td>
<td>Development of the Coronary Stent: The Pioneers and Their Stories</td>
<td>Philippe Gaspard</td>
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<td>10:25 AM</td>
<td>Discussion</td>
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<tr>
<td>11:00 AM</td>
<td>BIODEGRADE: A Large Scale Randomized Trial of a Thin Strut Bioabsorbable Polymer Based DES vs. a Thick Strut Bioabsorbable Polymer Based DES in an All Comers Population With Coronary Artery Disease</td>
<td>In-Ho Chae</td>
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<td>11:10 AM</td>
<td>Roundtable Discussion With Audience QA</td>
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<tr>
<td>11:15 AM</td>
<td>BLADE PCI: A Randomized Trial of Liposomal Alendronate in Patients With Diabetes Undergoing PCI</td>
<td>Philippe Genereux</td>
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<td>11:40 AM</td>
<td>Roundtable Discussion With Audience QA</td>
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<tr>
<td>11:45 AM</td>
<td>FORZA: A Randomized Trial of Fractional Flow Reserve vs. Optical Coherence Tomography to Guide Revascularization of Intermediate Coronary Stenoses</td>
<td>Francesco Burzotta</td>
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<tr>
<td>11:55 AM</td>
<td>Roundtable Discussion With Audience QA</td>
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<tr>
<td>12:00 AM</td>
<td>The Most Controversial Topics in Interventional Cardiology</td>
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<tr>
<td>12:12 AM</td>
<td>Case Resolution: How I Treated My Patient</td>
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<tr>
<td>12:45 PM</td>
<td>Case Introduction: Revascularization of Asymptomatic Chronic Total Occlusions</td>
<td>Leong Lee</td>
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<td>12:50 PM</td>
<td>Fervent Discussion: How Should We Manage This Patient</td>
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<tr>
<td>12:55 PM</td>
<td>Discussion</td>
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</tbody>
</table>

**Highlights:**
- **TCT Celebrates Clinical Science & Practice**
- **Biodegrade**
- **BLADE PCI**
- **FORZA**
- **The Most Controversial Topics in Interventional Cardiology**
12:30 PM - 1:30 PM
**Moderated Posters 2**

**11[4] Chronic Total Occlusions - 4**

**Moderators:** Sundeep Mishra, Sunao Nakamura

**Discussants:** 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

*Presenting Author:* Mohamed Elmassry

12:47 PM
**Discussion**

12:50 PM
**TCT 232:** Incidence and Prognosis of Chronic Total Occlusions in non infarct related artery in Patients with ST segment elevation myocardial infarction

*Presenting Author:* Tony Main

1:00 PM
**Discussion**

1:07 PM
**TCT 233:** Mortality and In Hospital Outcome of Patients with Chronic Total Occlusion Undergoing Percutaneous Coronary Intervention: Race Based Trend Analysis from Nationwide Inpatient Sample

*Presenting Author:* Sandipan Chakraborty

1:14 PM
**Discussion**

1:20 PM
**TCT 234:** Three year Clinical Outcome of the PRISON IV Trial: Ultra thin Struts vs Conventional Drug Eluting Stents in Total Coronary Occlusions.

*Presenting Author:* Carlo Zivlonghi

1:27 PM
**Discussion**

**12:30 PM - 1:30 PM**
**Moderated Posters 1**

**TAVR Comorbidities and Complications - 4**

**Moderators:** Mark C. Bates, Francesco Bedogni

**Discussants:** Itshac Itsik Ben-Yehuda, Stefan C. Bertog, Stephen J.D. Brecker

12:30 PM
**TCT 709:** Aortic Valve Replacement in Patients with Prior Kidney Transplantation: Transcatheter or Surgical approach

*Presenting Author:* Konstantinos Voudris

12:37 PM
**Discussion**

12:40 PM
**TCT 710:** Body Mass Index as a Predictor of Outcomes in Patients Undergoing Transcatheter Aortic Valve Replacement

*Presenting Author:* Majid Asawaeer

12:47 PM
**Discussion**

12:50 PM
**TCT 711:** Prevalence and clinical impact of bioprosthesis thrombosis after transcatheter aortic valve implantation. A collaborative meta analysis

*Presenting Author:* Tobias Rheude

1:07 PM
**Discussion**

1:14 PM
**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

1:20 PM
**Discussion**

1:27 PM
**TCT 713:** Hemodynamic Valve Dysfunction Following Transcatheter Aortic Valve Implantation: Prevalence and Predictors of Elevated Transvalvular Gradients

*Presenting Author:* Tobias Rheude

1:34 PM
**Discussion**

1:41 PM
**TCT 714:** Aortic Lumen Area Modifies the Association Between Aortic Calcification and Mortality after Transcatheter Aortic Valve Replacement

*Presenting Author:* Gautam Rangavajla

1:48 PM
**Discussion**

**12:30 PM - 1:30 PM**
**Moderated Posters 5**

**TAVR Leaflet Thickening and Thrombosis - 1**

**Moderators:** Omar K. Khalique, G. Burkhard Mackensen

**Discussants:** Karl-Heinz Kuck, Stamatios Lerakis, Philippe Pibarot

12:30 PM
**TCT 715:** Anatomical Evaluation of Balloon Expandable Transcatheter Aortic Valve Replacement: Insights for Hypo Attenuating Leaflet Thickening

*Presenting Author:* Novalia Purnama Sidik

1:27 PM
**Discussion**

**15[2] Structural: Valve**

**TAVR Leaflet Thickening and Thrombosis**

**12:30 PM - 1:30 PM**
**Moderated Posters 1**

**TAVR Comorbidities and Complications - 4**

**15[2] Structural: Valve**

**TAVR Leaflet Thickening and Thrombosis**

**12:30 PM - 1:30 PM**
**Moderated Posters 5**

**TAVR Comorbidities and Complications - 4**

**15[2] Structural: Valve**

**TAVR Leaflet Thickening and Thrombosis**

**12:30 PM - 1:30 PM**
**Moderated Posters 1**

**TAVR Comorbidities and Complications - 4**

**15[2] Structural: Valve**

**TAVR Leaflet Thickening and Thrombosis**

**12:30 PM - 1:30 PM**
**Moderated Posters 5**
SUNDAY, SEPTEMBER 29, 2019

12:37 - 12:40
11[2]Discussion
Presenting Author: Farhan Khodae

12:40 - 12:50
Presenting Author: Michel R. Le May, Brij Maini, Stephane Noble, Robert D. Safian, Grayson H. Alfonso, Anson Cheung, Carlos Collet, Anthony H. Gershlick, Jose P.S. Henriques
Moderators: Juan F. Granada, David Hildick

8:00
Case Presenter: Mahesh V. Madhavan

171.45[2]Roundtable Discussion With Audience QA

8:25
171.45[2]Roundtable Discussion With Audience QA

8:45 - 9:05
15[4]Late-Breaking Trials 4
Moderators: Clyde W. Yancy
Discussants: Anita Asgar, Ori Ben-Yehuda, James C. Blankenship, Samot S. Brar, Donald Cutlip, Sameer Gafoor, Sanjay Kaul, Roxana Mehran, Eric A. Secemsky, Roseann M. White
Moderators: Gregg W. Stone

8:45 - 9:25
13[2]Roundtable Discussion With Audience QA

9:05
120[5]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

9:25
126[2]Roundtable Discussion With Audience QA

9:37
133[2]Roundtable Discussion With Audience QA

11:00
161[4]Late-Breaking Science #4
Moderators: Ajay J. Kirtane
Discussants: Ziad A. Ali, William F. Fearon, Hector M. Garcia-Garcia, Elvin Kedhi, Akiko Maehara, Michael Maeng, Yoshinobu Nomura, Francesco Prati, Stéphane Rinfret, Bernhard Witzenbichler
Moderators: Anthony DeMaria

11:00
169[5]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
VASCULAR ACCESS AND CLOSURE IN PCI - 3

10:30 AM - 11:30 AM
Vascular Access and Closure in PCI - 3
Moderators: Samer Mansour, Samir B. Pancholy
Discussants: 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 Riangwiwat

10:47 AM
Discussion

10:50 AM
TCT 792: Meta Analysis of Radial Hemostasis Trials Using Patent Hemostasis and a Potassium Ferrate Hemostatic Disc
Presenting Author: Matheen Khuddus

10:57 AM
Discussion

11:00 AM
TCT 793: Arterial Anomalies of Upper Limb and its Influence on Transradial Coronary Procedures
Presenting Author: naveen garg

11:07 AM
Discussion

11:10 AM
TCT 794: Impact of the Distal Radial Artery Approach for Diagnostic Coronary Catheterization in Nursing Service
Presenting Author: Yukio Mizuguchi

11:17 AM
Discussion

11:20 AM
TCT 679: Outcomes of Combined Transcatheter Aortic Valve Replacement and Percutaneous Coronary Interventions
Presenting Author: Kristina Gifft

11:27 AM
Discussion

VULNERABLE PLAQUES AND HIGH RISK PATIENTS - 3

AGE AND GENDER AND PRIMARY PCI

Vulnerable Plaques and High Risk Patients - 3

10:30 AM - 11:30 AM
Vulnerable Plaques and High Risk Patients - 3
Moderators: Neal Gordon Uren, Bernhard Witzenbichler
Discussants: 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: Scot Garg

10:47 AM
Discussion

10:50 AM
TCT 841: The Impact of HIV on Coronary Artery Procedure in Patients of Coronary Artery Disease
Presenting Author: Amer N. Kadri

10:57 AM
Discussion

11:00 AM
Presenting Author: Megha Prasad

11:07 AM
Discussion

11:10 AM
TCT 843: Burden of 30 days readmission after PCI to non index Hospital vs index Hospital in the United states: Insights from the Nationwide Readmission Database NRD
Presenting Author: boutros karam

11:17 AM
Discussion

11:20 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

11:27 AM
Discussion
11:30 AM - 12:30 PM
Age and Gender and Primary PCI
Moderator: Angeles Alonso Garcia, Alice K. Jacobs

11:30 AM TCT 122: Trends and Outcomes of Percutaneous Coronary Intervention for Acute ST Segment Elevation Myocardial Infarction in Patients with Opioid Abuse: Review from a National Database
Presenting Author: Sagar Ranka

11:37 AM Discussion

11:40 AM TCT 123: Impact of gender and ischemic time in anterior STEMI Readmissions After ST Segment Elevation Myocardial Infarction in the United States: A Nationwide Readmissions Database Analysis
Presenting Author: Diala Steitieh

11:47 AM Discussion

11:50 AM TCT 124: Gender Differences in Revascularization and 30 day Readmissions After ST Segment Elevation Myocardial Infarction in the United States: A Nationwide Readmissions Database Analysis
Presenting Author: Diala Steitieh

11:57 AM Discussion

12:00 PM TCT 125: Impact of Insurance on Outcomes and Readmission Rates in Young Adults After Acute Myocardial Infarction
Presenting Author: Viswajitreddy Anugu

12:07 PM Discussion

CATH LAB OF THE FUTURE - 3

SATURDAY, SEPTEMBER 28, 2019
11:30 AM - 12:30 PM
Moderated Posters 3

11:30 AM TCT 158: Intracoronary CD34 Cell Therapy Further Improves One Year Left Ventricular Systolic Function in Patients with Concomitant Severe Diffuse Coronary Artery Disease and Preserved Cardiac Performance
Presenting Author: Pei-Hsun Sung

11:37 AM Discussion

11:40 AM TCT 161: Association between platelet aggregability during primary percutaneous coronary intervention and increased leukocyte in patients with ST elevation myocardial infarction
Presenting Author: Shinnosuke Kikuchi

11:47 AM Discussion

11:50 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

11:57 AM Discussion

12:00 AM TCT 163: The Prothrombotic Transcriptomic Signature of Reticulated Platelets
Presenting Author: Dario Bongiovani

12:07 AM Discussion

BIOMARKERS AND OUTCOMES

SATURDAY, SEPTEMBER 28, 2019
11:30 AM - 12:10 PM
Moderated Posters 4

11:30 AM - 12:10 PM
Biomarkers and Outcomes
Moderators: João L. Cavalcante, Tyrone J. Collins
Discussants: Vineet Bhatia, Vivek Gupta, Timothy D. Henry, Melek Ozgu Issever, Wolfgang Koenig, Nick Lakakis, Oleg Polonetsky, Ricardo Sanz-Ruiz

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 AM TCT 209: First Demonstration of Long distance Robotic Telestenting Capabilities Using 5G Wireless Technology: A Pre clinical Study
CORONARY ARTERY SURGERY

11:30 AM - 12:30 PM
Coronary Artery Surgery
Moderators: Vinayak N. Bapat, Craig R. Smith
Discussants: Jaishankar Raman, Marc Ruel

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

MORTALITY AFTER PCI

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 AM
Discussion

12:10 AM
TCT 422: Clinical Outcomes and Predictors of Mortality Among 847 Nonagenarians Undergoing Percutaneous Coronary Intervention: Insights From a Brazilian Nationwide PCI Registry CENIC Registry
Presenting Author: Fábio Augusto Pinton

12:17 AM
Discussion

12:20 AM
TCT 423: Periprocedural Myocardial Infarction is Associated with Mortality in Stable Angina Pectoris Patients Undergoing Elective Coronary Intervention
Presenting Author: Mohamad Soud

12:27 AM
Discussion
TAVR Comorbidities and Complications - 3

SATURDAY, SEPTEMBER 28, 2019
11:30 AM - 12:30 PM
Moderated Posters 1

11:30 AM - 12:30 PM
TAVR Comorbidities and Complications - 3
Moderators: Michael Rinaldi, Gerhard C. Schuler
Discussants: Ankur Kalra, Milan A. Nedeljkovic, Michel Pansieri, Jean-Michel Paradis, Anand Prasad

11:30 AM
TCT 703: Outcomes following aortic valve replacement for cardiogenic shock: transcatheter versus surgical approaches
Presenting Author: Samuel Maidman

11:37 AM
Discussion

11:40 AM
TCT 704: Long Term Bleeding Following Transcatheter Aortic Valve Replacement in Patients with Chronic Kidney Disease is Associated with Increased Mortality
Presenting Author: Shawn Li

11:47 AM
Discussion

11:50 AM
TCT 705: Thrombocytopenia and Outcomes after Transcatheter Aortic Valve Implantation
Presenting Author: Shinya Ito

11:57 AM
Discussion

12:00 PM
TCT 706: Can Clinical Predictive Models Identify Patients Who Should Not Receive TAVR
Presenting Author: Benjamin Wessler

12:07 PM
Discussion

12:10 PM
TCT 707: Effect of Hemodynamic Profile on Mortality in Veteran Patients with Pulmonary Hypertension Undergoing TAVR
Presenting Author: Timothy Pow

12:17 PM
Discussion

12:20 PM
TCT 708: Outcomes of Transcatheter Aortic Valve Replacement in Oncology Patients with Severe Aortic Stenosis
Presenting Author: Alexandra Murphy

12:27 PM
Discussion

VASCULAR ACCESS AND CLOSURE IN PCI - 4

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: Mauro Carlino, Robert-Jan Van Geuns
Discussants: 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: Fabio Augusto Pinton

11:37 AM Discussion
11:40 AM TCT 796: Physician Self Directed Transition From Femoral to Radial Access for Primary Percutaneous Coronary Intervention Does Not Adversely Affect Key Time Intensive Metrics: A Community Medical Center Experience
Presenting Author: Stephen Long

11:47 AM Discussion
11:50 AM TCT 797: Clinical Outcome in Femoral Access of High Volume Radial Percutaneous Coronary Intervention Center in Patients With ST segment Elevation Myocardial Infarction
Presenting Author: Hyeon Jeong Kim

11:57 AM Discussion
12:00 AM 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 AM Discussion
12:10 AM 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 AM Discussion
12:20 AM TCT 800: Bivalirudin vs Heparin on Radial Artery Thrombosis During Transradial Coronary Intervention: an Optical Coherence Tomography Study
Presenting Author: Zijing Liu

12:27 AM Discussion

CHRONIC TOTAL OCCLUSIONS - 4

Presenting Author: Mohamed Elmassry

12:47 AM Discussion
12:50 AM TCT 232: Incidence and Prognosis of Chronic Total Occlusions in non infarct related artery in Patients with ST segment elevation myocardial infarction
Presenting Author: Tony Main

12:57 AM Discussion
1:00 AM TCT 233: Mortality and In Hospital Outcome of Patients with Chronic Total Occlusion Undergoing Percutaneous Coronary Intervention: Race Based Trend Analysis from Nationwide Inpatient Sample
Presenting Author: Sandipan Chakraborty

1:07 AM Discussion
1:10 AM TCT 234: Three year Clinical Outcome of the PRISON IV Trial: Ultra thin Struts vs Conventional Drug Eluting Stents in Total Coronary Occlusions.
Presenting Author: Novalia Purnama Sidik

1:17 AM Discussion
1:20 AM TCT 235: Coronary Collateral Regression Following Chronic Total Occlusion CTO Percutaneous Coronary Intervention PCI
Presenting Author: Karen J. Moore

1:27 AM Discussion

TAVR COMORBIDITIES AND COMPLICATIONS - 4

Presenting Author: Mark C. Bates

12:30 PM Discussion
12:37 PM TCT 709: Aortic Valve Replacement in Patients with Prior Kidney Transplantation: Transcatheter or Surgical approach
Presenting Author: Konstantinos Voudris

12:37 PM Discussion
12:40 PM TCT 710: Body Mass Index as a Predictor of Outcomes in Patients Undergoing Transcatheter Aortic Valve Replacement
Presenting Author: Majid Asawaeer

12:47 PM Discussion
12:50 PM TCT 711: Prevalence and clinical impact of bioprosthesis thrombosis after transcatheter aortic valve implantation. A collaborative meta analysis
Presenting Author: Tobias Rheude
TAVR LEAFLET THICKENING AND THROMBOSIS

TAVR Leaflet Thickening and Thrombosis

SATURDAY, SEPTEMBER 28, 2019
12:30 PM - 1:30 PM
Moderated Posters 5

12:30 PM 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 PM Discussion

12:40 PM TCT 716: Transcatheter Heart Valve Under Expansion increases the Likelihood of Leaflet Thrombosis
Presenting Author: Farhan Khodaei

12:47 PM Discussion

12:50 PM TCT 717: Hemodynamic predictors of leaflet thrombosis in low risk patients undergoing TAVR: A Sub Study of the Low Risk TAVR Trial
Presenting Author: Jaffar M. Khan

12:57 PM Discussion

1:00 PM TCT 718: Subclinical Leaflet Thrombosis is Associated With Prosthesis Oversizing in Balloon Expandable Transcatheter Aortic Valve Replacement
Presenting Author: Vaughan Tuohy

1:07 PM Discussion

1:10 PM TCT 719: Antithrombotic Strategies after Transcatheter Aortic Valve Implantation: Insights from a Network Meta Analysis
Presenting Author: Toshihiko Kuno

1:17 PM Discussion

1:20 PM TCT 720: Antithrombotic Treatment in Patients Undergoing Transcatheter Aortic Valve Replacement: a Single Center Experience
Presenting Author: Fabian Plank

1:27 PM Discussion

SUNDAY, SEPTEMBER 29, 2019
MAIN ARENA IV: SUNDAY, SEPT. 29

8:00 AM - 1:00 PM
Main Arena

8:00 AM Best Abstract of TCT 2019
8:10 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

Moderators: Clyde W. Yancy
Discussants: Anita Asgar, Ori Ben-Yehuda, James C. Blankenship, Somjot S. Brar, Donald Cutlip, Sameer Gafoor, Sanjay Kaul, Roxana Mehran, Eric A. Secemsky, Roseann M. White

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
11:00 AM - 12:00 PM
Late-Breaking Science #4
Moderators: Ajay J. Kirtane
Discussants: Ziad A. Ali, William F. Fearon, Hector M. Garcia-Garcia, Elvin Kedhi, Akiko Maehara, Michael Maeng, Yoshinobu Onuma, Francesco Prati, Stéphane Rinfret, Bernhard Witzenbichler
Co-Moderators: Anthony DeMaria

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

11:30 AM
FORZA: A Randomized Trial of Fractional Flow Reserve vs. Optical Coherence Tomography to Guide Revascularization of Intermediate Coronary Stenoses
Lecturer: Francesco Burzotta

11:40 AM
Roundtable Discussion With Audience QA

11:45 AM
IVUS XPL: 5 Year Outcomes From a Randomized Trial of Intravascular Ultrasound Guided vs. Angiography Guided PCI of Long Coronary Lesions
Lecturer: Myeong-Ki Hong

11:55 AM
Roundtable Discussion With Audience QA

12:00 PM - 1:00 PM
The Most Controversial Topics in Interventional Cardiology

LECTURER: DISSERTANT

9:45 AM
Reflections From a Rich Interventional History: A Series of Featured Lectures
Moderators: Martin B. Leon, Gregg W. Stone
Discussants: Peter C. Block, Anthony DeMaria, James S. Forrester, Philippe E. Gaspard, Robert A. Harrington, Julio C. Palmaz, Jeffrey J. Popma, Frederick G. St. Goar, John G. Webb

11:00 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

10:10 AM - 11:00 AM
Roundtable Discussion With Audience QA

12:00 PM
Case Introduction: Revascularization of Asymptomatic Chronic Total Occlusions
Case Presenter: Leong Lee

12:02 PM
Fervent Discussion: How Should We Manage This Patient
Case Presenter: R. Jay Widmer

12:12 PM
Case Resolution: How I Treated My Patient
Case Presenter: Leong Lee

12:15 PM
Case Introduction: STEMI Ticagrelor Dooms the Left Main
Case Presenter: R. Jay Widmer

12:17 PM
Fervent Discussion: How Should We Manage This Patient
Case Presenter: Farhat Fouladvand

12:27 PM
Case Resolution: How I Treated My Patient
Case Presenter: Farhat Fouladvand

12:30 PM
Case Introduction: Interventional or Conservative Treatment of LAD Myocardial Bridging
Case Presenter: Klio Konstantinou

12:32 PM
Fervent Discussion: How Should We Manage This Patient
Case Presenter: Farhat Fouladvand

12:42 PM
Case Resolution: How I Treated My Patient
Case Presenter: Farhat Fouladvand

12:45 PM
Plaque Rupture Without Luminal Stenosis: To Stent or Not to Stent
Case Presenter: Klio Konstantinou

12:47 PM
Fervent Discussion: How Should We Manage This Patient
Case Presenter: Klio Konstantinou

12:57 PM
How I Treated My Patient
Case Presenter: Klio Konstantinou