CRT FULL AGENDA

SATURDAY, FEBRUARY 22, 2020

CRT Access Closure (Non-CME) - Sponsored by Terumo Interventional Systems
2/22/2020, 10:00 AM – 4:00 PM
Room: Gruentzig Theater

Course Directors

10:00 AM
Course Directors
Co-Course Director: Nelson L. Bernardo, MD, FSCAI
Co-Course Director: Aravinda Nanjundappa, MD, FSCAI
Co-Course Director: Walter Tan, MD, MS
Co-Course Director: Zoltan G. Turi, MD, MSCAI

Session One: Radial and Femoral for Complex PCI - The Basics
10:00 AM - 12:30 PM
10:00 AM
Session One: Radial and Femoral for Complex PCI - The Basics
Moderator: Nevin C. Baker, DO
Moderator: Nelson L. Bernardo, MD, FSCAI
Moderator: Walter Tan, MD, MS
Moderator: Zoltan G. Turi, MD, MSCAI

10:00 AM
Welcome and Introduction
Speaker: Nelson L. Bernardo, MD, FSCAI

10:05 AM
Radial Complications: Tortuosity, Spasm and Others
Speaker: Itsik Ben-Dor, MD

10:14 AM
Routine Ultrasound Guidance for Radial Access
Speaker: Michael A. Gaglia, Jr., MD, MSc

10:23 AM
Distal Radial Access
Speaker: Ian C. Gilchrist, Sr., MD, FSCAI

10:32 AM
Radial Artery Access – Anterior Wall Modified Seldinger and Through & Through Techniques
Speaker: Ronald P. Caputo, MD, FSCAI, FACC

10:41 AM
Radial Artery Occlusion Prevention and Management
Speaker: Samir B. Pancholy, MD, FSCAI

10:50 AM
Ulnar Artery Access – Tips & Tricks
Speaker: Edo Kaluski, MD, FSCAI

10:59 AM
Right Radial Versus Left Radial Access
Speaker: Ion S. Jovin, MD

11:08 AM
How to Expedite Discharge After Radial Access: Rapid Deflation Protocols, Procoagulants and Aftercare (SCAI Guidelines)
Speaker: Arnold H. Seto, MD, MPA

11:17 AM
Case Review: Radial Artery Complication and Bailout
Speaker: William B. Bachinsky, MD, FACC, FSCAI
11:26 AM
Antecubital Venous Access for Right Heart Procedures
Speaker: Edo Kaluski, MD, FSCAI

11:35 AM
Retroperitoneal Bleeding CT Scan and Vascular Surgery Consultation and Management
Speaker: Luis Guzman, MD, FACC, FSCAI

11:44 AM
Essential Skills: Femoral Access and Closure
Speaker: Zoltan G. Turi, MD, MScAI

11:53 AM
Ultrasound for TF Access? Always!
Speaker: Mauricio G. Cohen, MD

12:02 PM
Radial Access Same Day Discharge - Feasible, Safe and Cost Saving
Speaker: Amit Amin, MD

12:11 PM
Panel Discussion: Radial or Femoral for Complex PCI
Panel Moderator: Nevin C. Baker, DO
Panel Moderator: Nelson L. Bernardo, MD, FSCAI
Panel Moderator: Walter Tan, MD, MS
Panel Moderator: Zoltan G. Turi, MD, MScAI
Panelist: Amit Amin, MD
Panelist: Ronald P. Caputo, MD, FSCAI, FACC
Panelist: Mauricio G. Cohen, MD
Panelist: Michael A. Gaglia, Jr., MD, MSc
Panelist: Luis Guzman, MD, FACC, FSCAI
Panelist: Ion S. Jovin, MD
Panelist: Edo Kaluski, MD, FSCAI
Panelist: Samir B. Pancholy, MD, FSCAI

Lunch and Visit Terumo Learning Center 7
12:30 PM - 1:30 PM
12:30 PM
Lunch and Visit Terumo Learning Center 7

Session Two: Alternative Access for Large Bores
1:30 PM - 2:42 PM
1:30 PM
Session Two: Alternative Access for Large Bores
Moderator: Nevin C. Baker, DO
Moderator: Marvin Eng, MD
Moderator: S. Chiu Wong, MD, FSCAI, FACC

1:30 PM
Emerging Closure Devices for Large Bores
Speaker: S. Chiu Wong, MD, FSCAI, FACC

1:39 PM
Access for Mechanical Circulatory Support Devices
Speaker: Rajan Patel, MD

1:48 PM
Subclavian and Axillary Artery Cannulation for Large Bore Access
Speaker: Christian Shults, MD

1:57 PM
Caval-Aortic Access
Speaker: Adam B. Greenbaum, FACC, FSCAI

2:06 PM
Transseptal Access: A Step-By-Step Device-Specific Approach for Structural Heart Operators
Speaker: Paul D. Mahoney, MD, FACC

2:15 PM
Standard and Novel Approaches to Manage Large Arterial and Venous Accesses
Speaker: David X. Zhao, MD
2:24 PM
Alternative Access - Suprasternal
Speaker: Isaac George, MD

2:33 PM
Percutaneous Apical Access
Speaker: Marvin Eng, MD

Session Three: Exotic Entry for CLI

2:42 PM - 2:52 PM
2:42 PM
Session Three: Exotic Entry for CLI
Moderator: Nelson L. Bernardo, MD, FSCAI
Moderator: Walter Tan, MD, MS

2:42 PM
How to Get Tibiopedal Access Safely in 2020 and How to Get Patent Hemostasis for Tibiopedal Access
Speaker: Wah Wah Htun, MD

2:52 PM
Alternative Access in Critical Limb Ischemia
Speaker: Larry J. Diaz Sandoval, MD

3:02 PM
Radial Access for PAD/CLI
Speaker: Mitul Patel, MD

Session Four: Management of Access Complications with Case Presentations

3:14 PM - 4:00 PM
3:14 PM
Session Four: Management of Access Complications with Case Presentations
Moderator: Nelson L. Bernardo, MD, FSCAI
Moderator: Larry J. Diaz Sandoval, MD
Moderator: Walter Tan, MD, MS

3:14 PM
Tibial Pedal Access Complications: Spasm and Occlusion Management
Speaker: Amit Srivastava, MD

3:22 PM
Does Adoption of Radial Access Compromise Femoral Outcomes?
Speaker: Mamas Mamas, MD

3:30 PM
Iliac Perforation Post-TAVR Case Review and Management
Speaker: Nelson L. Bernardo, MD, FSCAI

3:38 PM
Prevention and Management of Embolic Complications in Peripheral Interventions
Speaker: Larry J. Diaz Sandoval, MD

3:46 PM
Case Review: Femoral Artery Complication and Bailout with Endograft
Speaker: Walter Tan, MD, MS

3:54 PM
Closing Remarks
Speaker: Walter Tan, MD, MS

4:00 PM
Adjourn
Course Directors

10:00 AM

Co-Course Director: Justin E. Davies, MD, PhD
Co-Course Director: Morton J. Kern, MD, MSCAI, FACC, FAHA

The Fundamental Concepts: Pressure, Flow and Ischemia

10:00 AM - 11:25 AM

10:00 AM

The Fundamental Concepts: Pressure, Flow and Ischemia
Moderator: Justin E. Davies, MD, PhD
Moderator: Tariq Enezate, MD
Moderator: Erick Schampaert, MD

10:00 AM

Resting Versus Hyperemic Pressure Indices for Evaluating Ischemia
Speaker: Bruce Samuels, MD

10:08 AM

The Lexicon of Resting Indices - Are All the Same?
Speaker: William F. Fearon, MD

10:16 AM

What Matters - Delta P, Delta FFR or Just iFR Pullback? Clarity on How to Use Pressure Wire Pullback
Speaker: Morton J. Kern, MD, MSCAI, FACC, FAHA

10:24 AM

Safety of Revascularization Deferral Based on Physiological Significance
Speaker: Javier Escaned, MD, PhD

10:32 AM

RFR Physiology: The VALIDATE and REVALIDATE Study
Speaker: Ziad Ali, MD, DPhil

10:40 AM

Live Case PCI Assisted Physiology - St Francis
Live Case Operator: Allen Jeremias, MD, FSCAI
Live Case Operator: Richard Shlofmitz, MD
Moderator: Justin E. Davies, MD, PhD
Moderator: Carlo Di Mario, MD
Moderator: Tariq Enezate, MD
Panelist: Javier Escaned, MD, PhD
Panelist: William F. Fearon, MD
Panelist: Morton J. Kern, MD, MSCAI, FACC, FAHA
Panelist: Bruce Samuels, MD

Clinical Outcomes: FFR, iFR, IMR and CFR

11:25 AM - 12:45 PM

11:25 AM

Clinical Outcomes: FFR, iFR, IMR and CFR
Moderator: Morton J. Kern, MD, MSCAI, FACC, FAHA
Moderator: Habib Samady, MD, FACC, FSCAI

11:25 AM

FFR iFR QFR: Do we Need Further Studies to Support QFR
Speaker: Justin E. Davies, MD, PhD

11:35 AM

Is It safe to Defer Using Conventional iFR/FFR Cut Points?
Speaker: Ziad Ali, MD, DPhil
When Is a Side Branch Clinically Relevant?
Speaker: Habib Samady, MD, FACC, FSCAI

Pitfalls in iFR and FFR: The Common Errors
Speaker: Karim Al-Azizi, MD, FACC, FSCAI

Real World Outcomes of FFR Use in Stable Ischemic Heart Disease
Speaker: William F. Fearon, MD

Impact of FFR on Treatment in Patients with CAD
Speaker: Erick Schampaert, MD

Panel Discussion: Clinical Outcomes: FFR, iFR, IMR and CFR
Panel Moderator: Morton J. Kern, MD, MSCAI, FACC, FAHA
Panel Moderator: Habib Samady, MD, FACC, FSCAI
Panelist: Karim Al-Azizi, MD, FACC, FSCAI
Panelist: Ziad Ali, MD, DPhil
Panelist: Justin E. Davies, MD, PhD
Panelist: William F. Fearon, MD

CRT Physiology Lunch
12:45 PM - 1:40 PM
12:45 PM
CRT Physiology Lunch

Acute Coronary Syndromes and Coronary Physiology
1:40 PM - 2:35 PM
1:40 PM
Acute Coronary Syndromes and Coronary Physiology
Moderator: William F. Fearon, MD
Moderator: Michael C. Kim, MD
Moderator: Barry Uretsky, MD, MSCAI

Ischemia Versus Anatomy for Predicting Coronary Events
Speaker: William F. Fearon, MD

1:48 PM
FFR and iFR-Guided NSTEMI for Culprit and Non-Culprit Lesions
Speaker: Jasvinder Singh, MD

1:56 PM
Applications and Pitfalls of Hyperemic and Non-Hyperemic Pressure Ratios for Assessment of LM Stenoses
Speaker: Morton J. Kern, MD, MSCAI, FACC, FAHA

2:04 PM
Resting Pressure Ratios: Why Would They Work?
Speaker: Arnold H. Seto, MD, MPA

2:12 PM
From ORBITA to ISCHEMIA: Will These Studies Impact Physiology Testing
Speaker: Justin E. Davies, MD, PhD

2:20 PM
Panel Discussion: Acute Coronary Syndromes and Coronary Physiology
Panel Moderator: William F. Fearon, MD
Panel Moderator: Michael C. Kim, MD
Panel Moderator: Barry Uretsky, MD, MSCAI
Panelist: Justin E. Davies, MD, PhD
Panelist: Jasvinder Singh, MD
Panelist: Arnold H. Seto, MD, MPA
Complex Anatomic Subsets and Use of Physiology for Best Results

2:35 PM - 3:38 PM

2:35 PM
Complex Anatomic Subsets and Use of Physiology for Best Results
Moderator: Javier Escaned, MD, PhD
Moderator: Morton J. Kern, MD, MSCI, FACC, FAHA
Moderator: Jasvindar Singh, MD

2:35 PM
Optimal use of FFR in Heavily Calcified Arteries
Speaker: George (Rick) Stouffer, MD

2:45 PM
Integrating Physiology and Imaging Using iFR Co-Registration to Identify Diffuse and Focal Disease and Simplify Treatment Strategies
Speaker: Javier Escaned, MD, PhD

2:55 PM
Usefulness of 3 Vessel FFR in the Assessment of Prognosis in Patients with Coronary Artery Disease
Speaker: Takashi Akasaka, MD, PhD

3:05 PM
Microvascular Disease - More Important Than Epicardial Stenosis?
Speaker: Bruce Samuels, MD

3:15 PM
Panel Discussion: Complex Anatomic Subsets and use of Physiology for Best Results
Panel Moderator: Javier Escaned, MD, PhD
Panel Moderator: Morton J. Kern, MD, MSCI, FACC, FAHA
Panel Moderator: Jasvindar Singh, MD
Panelist: Takashi Akasaka, MD, PhD
Panelist: Bruce Samuels, MD
Panelist: George (Rick) Stouffer, MD

Technology Advances in Coronary Physiology

2:38 PM - 5:05 PM

2:38 PM
Technology Advances in Coronary Physiology
Moderator: Michael C. Kim, MD
Moderator: Jasvindar Singh, MD

2:38 PM
Moving from Hyperemia to Non-Hyperemic Pressure Ratios - Best Uses and Pitfalls
Speaker: Morton J. Kern, MD, MSCI, FACC, FAHA

3:46 PM
CT-Derived FFR--Ready for Prime Time?
Speaker: Takashi Akasaka, MD, PhD

3:54 PM
QFR, vFFR and FFR Angio
Speaker: Hector M. Garcia-Garcia, MD, PhD

4:02 PM
Use of IMR in the Cath Lab
Speaker: William F. Fearon, MD

4:10 PM
Fiber Optic FFR Technology and New Workhorse FFR Wires
Speaker: Morton J. Kern, MD, MSCI, FACC, FAHA

4:18 PM
Use of Artificial Intelligence in Pressure Wire Clinical Decision-Making: CEREBRIA-1 and Beyond
Speaker: Justin E. Davies, MD, PhD

4:26 PM
How to Assess Lesion Significance with Just a Puff: The Emerging Role of Contrast FFR
Speaker: Rajesh V. Swaminathan, MD
4:34 PM
FFR-Angiography - Enabling Technology Geared Toward FFR Wireless
Speaker: Ran Komowski, MD

4:42 PM
Economic Impact of iFR/FFR in the Modern Cath Lab
Speaker: Adhir Shroff, MD, MPH

4:50 PM
Panel Discussion: Technology Advances in Coronary Physiology
Panel Moderator: Michael C. Kim, MD
Panel Moderator: Jasvindar Singh, MD
Panelist: Justin E. Davies, MD, PhD
Panelist: William F. Fearon, MD
Panelist: Hector M. Garcia-Garcia, MD, PhD
Panelist: Morton J. Kern, MD, MSCAI, FACC, FAHA
Panelist: Ran Komowski, MD
Panelist: Adhir Shroff, MD, MPH
Panelist: Rajesh V. Swaminathan, MD

5:05 PM
Adjourn
CRT Valve Complications (Non-CME)
2/22/2020, 3:00 PM – 5:20 PM
Room: Baim Theater

Course Directors
Co-Course Director: Itsik Ben-Dor, MD
Co-Course Director: Samir R. Kapadia, MD, FSCAI
Co-Course Director: Christian Shults, MD
Co-Course Director: Ron Waksman, MD, FSCAI

Valve Complications and Management
3:00 PM - 5:20 PM
3:00 PM
Valve Complications and Management
Moderator: Christian Shults, MD
Moderator: Ron Waksman, MD, FSCAI
Moderator: Steven J. Yakubov, MD, FACC, MSCAI

3:00 PM
When Three Prostheses Are Just Enough: An Unlikely Complication Due to Interaction Between an Expandable Sheath and Acurate Neo
Speaker: Robert P. Gooley, PhD, MBBS, MBA

3:10 PM
Panel Discussion with Question & Answer
Panel Moderator: Christian Shults, MD
Panel Moderator: Ron Waksman, MD, FSCAI
Panel Moderator: Steven J. Yakubov, MD, FACC, MSCAI
Panelist: Prakash Balan, MD, JD
Panelist: Itsik Ben-Dor, MD
Panelist: Haim Danenberg, MD
Panelist: Danny Dvir, MD
Panelist: Robert P. Gooley, PhD, MBBS, MBA
Panelist: Michael R. Mooney, MD, FSCAI
Panelist: Pradeep Yadav, MD

3:20 PM
TAVI for Pure AR: How to Save the Day When the Valve Pops Up
Speaker: Carlo Di Mario, MD

3:30 PM
Panel Discussion with Question & Answer
Panel Moderator: Christian Shults, MD
Panel Moderator: Ron Waksman, MD, FSCAI
Panel Moderator: Steven J. Yakubov, MD, FACC, MSCAI
Panelist: Prakash Balan, MD, JD
Panelist: Itsik Ben-Dor, MD
Panelist: Haim Danenberg, MD
Panelist: Carlo Di Mario, MD
Panelist: Danny Dvir, MD
Panelist: Michael R. Mooney, MD, FSCAI
Panelist: Pradeep Yadav, MD

3:40 PM
Central Aortic Regurgitation After TAVR
Speaker: Michael Ragosta, MD

3:50 PM
Panel Discussion with Question & Answer
Panel Moderator: Christian Shults, MD
Panel Moderator: Ron Waksman, MD, FSCAI
Panel Moderator: Steven J. Yakubov, MD, FACC, MSCAI
Panelist: Prakash Balan, MD, JD
Panelist: Itsik Ben-Dor, MD
Panelist: Haim Danenberg, MD
Panelist: Danny Dvir, MD
Panelist: Michael R. Mooney, MD, FSCAI
Panelist: Michael Ragosta, MD
Panelist: Pradeep Yadav, MD
4:00 PM
Infolding of Self-Expanding Valve
Speaker: Anees Musallam, MD

4:10 PM
Panel Discussion with Question & Answer
Panel Moderator: Christian Shults, MD
Panel Moderator: Ron Waksman, MD, FSCAI
Panel Moderator: Steven J. Yakubov, MD, FACC, MSCAI
Panelist: Itsik Ben-Dor, MD
Panelist: Danny Dvir, MD
Panelist: Samir R. Kapadia, MD, FSCAI
Panelist: Anees Musallam, MD
Panelist: Molly Szerlip, MD
Panelist: Nicolas M. Van Mieghem, MD, PhD, FESC, FACC
Panelist: Amit N. Vora, MD, MPH

4:20 PM
Complications of MitraClip Procedure
Speaker: Mohammad Sarraf, MD

4:30 PM
Panel Discussion with Question & Answer
Panel Moderator: Christian Shults, MD
Panel Moderator: Ron Waksman, MD, FSCAI
Panel Moderator: Steven J. Yakubov, MD, FACC, MSCAI
Panelist: Itsik Ben-Dor, MD
Panelist: Danny Dvir, MD
Panelist: Samir R. Kapadia, MD, FSCAI
Panelist: Mohammad Sarraf, MD
Panelist: Nicolas M. Van Mieghem, MD, PhD, FESC, FACC
Panelist: Amit N. Vora, MD, MPH

4:40 PM
Complication in Mitral Valve in Valve
Speaker: Ramesh Daggubati, MD, FACC, FSCAI

4:50 PM
Panel Discussion with Question & Answer
Panel Moderator: Christian Shults, MD
Panel Moderator: Ron Waksman, MD, FSCAI
Panel Moderator: Steven J. Yakubov, MD, FACC, MSCAI
Panelist: Itsik Ben-Dor, MD
Panelist: Ramesh Daggubati, MD, FACC, FSCAI
Panelist: Danny Dvir, MD
Panelist: Samir R. Kapadia, MD, FSCAI
Panelist: Nicolas M. Van Mieghem, MD, PhD, FESC, FACC
Panelist: Amit N. Vora, MD, MPH

5:00 PM
Snares, Endografts and Embolized Valves: Importance of the Structural Heart Bail-Out Skillset
Speaker: Saurabh Sanon, MD, FACC

5:10 PM
Panel Discussion with Question & Answer
Panel Moderator: Ron Waksman, MD, FSCAI
Panel Moderator: Steven J. Yakubov, MD, FACC, MSCAI
Panelist: Itsik Ben-Dor, MD
Panelist: Danny Dvir, MD
Panelist: Samir R. Kapadia, MD, FSCAI
Panelist: Saurabh Sanon, MD, FACC
Panel Moderator: Christian Shults, MD
Panelist: Nicolas M. Van Mieghem, MD, PhD, FESC, FACC
Panelist: Amit N. Vora, MD, MPH

5:20 PM
Adjourn
Course Directors
Co-Course Director: Gaby Weissman, MD

Imaging the Mitral & Tricuspid Valve
10:00 AM - 12:00 PM
10:00 AM
Imaging the Mitral & Tricuspid Valve
Moderator: Steven Goldstein, MD FACC FASE
Moderator: Neil J. Weissman, MD

10:08 AM
The Role of 4D Volume ICE for Transseptal Crossing
Speaker: Brijeshwar S. Maini, MD

10:08 AM
Understanding Valve-in-MAC - Imaging Needs
Speaker: Mayra E. Guerrero, MD, FACC, FSCAI

10:16 AM
Cardiac MRI for Mitral and Tricuspid Regurgitation - What Can We Add?
Speaker: Joao L. Cavalcante, MD, FACC

10:24 AM
How to Assess Mitral Regurgitation After Mitral Repair
Speaker: Federico M. Asch, MD

10:32 AM
Imaging to Predict LVOT Obstruction After TMVR
Speaker: Santanu Biswas, MD

10:40 AM
CT Imaging for Mitral and Tricuspid Interventions
Speaker: Dee Dee Wang, MD

10:48 AM
Optimizing Intraprocedural Imaging for Mitral and Tricuspid Edge-to-Edge Repair and Leaflet-to-Edge Repair
Speaker: Zuyue Wang, MD

10:56 AM
3D Evaluation of Mitral Valve for Percutaneous Repair and Replacement
Speaker: Preetham Kumar, MD

11:04 AM
Advances in Imaging for Intraprocedural Guidance of Mitral and Tricuspid Interventions
Speaker: Sunil V. Mankad, MD

11:12 AM
CTA Analysis of Tricuspid Valve and Fusion Imaging
Speaker: Tilak K. R Pasala, MD

11:20 AM
Imaging to Select Candidates for Transcatheter Tricuspid Valve Repair
Speaker: Jeroen J. Bax, MD

11:28 AM
3D Printing for Structural Interventions
Speaker: Mirvat Alasnag, FSCAI, FACP

11:36 AM
Guiding TMVR With CT - Lessons From 6 Years of Experience
Speaker: Philipp Blanke, MD
11:44 AM
Round Table Discussion: Imaging the Mitral
Panel Moderator: Steven Goldstein, MD FACC FASE
Panel Moderator: Neil J. Weissman, MD
Panelist: Mirvat Alasnag, FSCAI, FACP
Panelist: Federico M. Asch, MD
Panelist: Jeroen J. Bax, MD
Panelist: Santanu Biswas, MD
Panelist: Philipp Blanke, MD
Panelist: Joao L. Cavalcante, MD, FACC
Panelist: Mayra E. Guerrero, MD, FACC, FSCAI
Panelist: Preetham Kumar, MD
Panelist: Brijeshwar S. Maini, MD
Panelist: Tilak K. R Pasala, MD

Break for Lunch - Program resumes at 1:15 PM

12:00 PM - 1:15 PM
Break for Lunch - Program resumes at 1:15 PM

Imaging the Aortic Valve
1:15 PM - 4:00 PM
1:15 PM
Imaging the Aortic Valve
Moderator: Haim Danenberg, MD
Moderator: Howard C. Herrmann, MD, FACC, MSCAI
Moderator: Gaby Weissman, MD

1:15 PM
Advanced Imaging for TAVR Patient Selection
Speaker: Joao L. Cavalcante, MD, FACC

1:23 PM
Are There Still Imaging Challenges for TAVR?
Speaker: Kyung-Hee Kim, MD, PhD

1:31 PM
Sizing Algorithms for Transcatheter Aortic Valve Implantation with Multiple Detector CT
Speaker: Philipp Blanke, MD

1:39 PM
Assessing Residual Aortic Regurgitation
Speaker: Federico M. Asch, MD

1:47 PM
Imaging Considerations for Optimal Valve-in-Valve Procedures: Sizing and Prevention of Coronary Obstruction
Speaker: Danny Dvir, MD

1:55 PM
Aortic Stenosis and Cardiac Amyloidosis - More Than Just a Bystander?
Speaker: Joao L. Cavalcante, MD, FACC

2:03 PM
Multimodality Imaging for Transcatheter Aortic Valve Replacement Thrombosis Update
Speaker: Nishant Sekaran, MD

2:11 PM
How to Deal with Discrepancy Between Imaging Modalities Pre- and Post-Transcatheter Aortic Valve Replacement
Speaker: Gaby Weissman, MD

2:19 PM
How to Perform and Analyze a Stress Echocardiogram in Valvular Heart Disease
Speaker: Zuyue Wang, MD

2:27 PM
Afternoon Stretch Break
2:35 PM
Use of Interactive Virtual Reality for Structural Heart Pre-Procedural Planning
Speaker: Saurabh Sanon, MD, FACC

2:43 PM
Using Imaging to Define the Next Generation of Transcatheter Valve Devices
Speaker: Hasan A. Jilaihawi, MD

2:51 PM
Imaging and Access: The Role for a Multi Specialty Advanced Access Team
Speaker: Constantino Peña, MD

2:59 PM
Echo Guidance for Paravalvular Leak
Speaker: Sunil V. Mankad, MD

3:07 PM
Strain Post-Mitral Valve Repair and Aortic Valve Replacement
Speaker: Diego Medvedofsky, MD

3:15 PM
4D CT Imaging of Bioprosthetic Aortic Valves
Speaker: Tarun Chakravarty, MD

3:23 PM
CT for Post-Procedural LAA Follow-Up: Is There a Role?
Speaker: Dee Dee Wang, MD

3:31 PM
Round Table Discussion: Imaging the Aortic Valve
Panel Moderator: Haim Danenberg, MD
Panel Moderator: Howard C. Herrmann, MD, FACC, MSCAI
Panel Moderator: Gaby Weissman, MD
Panelist: Philipp Blanke, MD
Panelist: Tarun Chakravarty, MD
Panelist: Hasan A. Jilaihawi, MD
Panelist: Sunil V. Mankad, MD
Panelist: Nishant Sekaran, MD
Panelist: Constantino Peña, MD
Panelist: Dee Dee Wang, MD
Panelist: Zuyue Wang, MD

4:00 PM
Adjourn
Left Atrial Appendage Closure Forum - Supported by an educational grant from Boston Scientific Corporation

2/22/2020, 10:00 AM – 5:00 PM
Room: National Harbor 2-3

Course Directors
Co-Course Director: Maurice Buchbinder, MD, FSCAI
Co-Course Director: Saibal kar, MD, FSCAI, FACC
Co-Course Director: Brijeshwar S. Maini, MD
Co-Course Director: Vivek Reddy, MD

Essentials of LAA Closure I
10:00 AM - 12:21 PM
10:00 AM
Essentials of LAA Closure I
Moderator: Saibal kar, MD, FSCAI, FACC
Moderator: Brijeshwar S. Maini, MD
Moderator: Ramon Quesada, FACP, FACC, FSCA
Moderator: Saurabh Sanon, MD, FACC

10:00 AM
LAA Closure: State of the Field in 2020
Speaker: Saibal kar, MD, FSCAI, FACC

10:15 AM
Live Case from Frankfurt, Germany
Live Case Operator: Horst Sievert, MD, FSCAI, FACC
Moderator: Saibal kar, MD, FSCAI, FACC
Moderator: Brijeshwar S. Maini, MD
Moderator: Ramon Quesada, FACP, FACC, FSCA
Moderator: Saurabh Sanon, MD, FACC
Panelist: Hiram G. Bezerra, MD, PhD
Panelist: Mehmet Cilingiroglu, MD
Panelist: Megan Coylewright, MD, MPH
Panelist: Matthew J. Daniels, MD PhD
Panelist: Creighton W. Don, MD
Panelist: Gabriel Maluenda, MD
Panelist: Sunil V. Mankad, MD
Panelist: Carlos E. Ruiz, MD, PhD, MSCAI, FACC

11:00 AM
CT Planning for Transpetal Puncture and Catheter Selection
Speaker: Creighton W. Don, MD

11:09 AM
Amulet LAA Closure ICE-Guided LAAO
Speaker: Gabriel Maluenda, MD

11:18 AM
ICE Guided LAA Closure
Speaker: Matthew J. Daniels, MD PhD

11:27 AM
Imaging Modalities for LAA Closure: Wide-Angle ICE
Speaker: Brijeshwar S. Maini, MD

11:36 AM
Connecting Left Atrial Appendage Anatomy to Sheath Shape and Device Sizing: Role of CT
Speaker: Megan Coylewright, MD, MPH

11:45 AM
Advantages of Fusion Imaging for LAAO
Speaker: Tilak K. R Pasala, MD

11:54 AM
Echo Guidance of LAA Appendage Closure
Speaker: Sunil V. Mankad, MD
12:03 PM
Efficient LAA Closure Under Conscious Sedation
Speaker: Mehmet Cilingiroglu, MD

12:12 PM
The WATCHMAN Procedure Description: Step-By-Step
Speaker: Saibal Kar, MD, FSCAI, FACC

Left Atrial Appendage Closure Lunch
12:21 PM - 1:30 PM
12:21 PM
Left Atrial Appendage Closure Lunch

Essentials of LAA Closure II
1:30 PM - 3:40 PM
1:30 PM
Essentials of LAA Closure II
Moderator: Brijeshwar S. Maini, MD
Moderator: Vivek Reddy, MD
Moderator: Mohammad Sarraf, MD

1:30 PM
Challenging LAA Morphologies--Beyond the Basics
Speaker: Creighton W. Don, MD

1:40 PM
Assessment and Management of Peri-Device Leaks After LAA Closure
Speaker: George S. Hanzel, MD

1:50 PM
The Crossroads of A-Fib and ESRD
Speaker: Mohammad Sarraf, MD

2:00 PM
Treatment of Iatrogenic ASDs After Left Atrial Procedures
Speaker: Brijeshwar S. Maini, MD

2:10 PM
How to Develop a Successful LAAC Program and Recruit Patients
Speaker: Brijeshwar S. Maini, MD

2:20 PM
How to Minimize and Manage Device-Related Thrombosis
Speaker: Vivek Reddy, MD

2:30 PM
Innovations in Transeptal Punctures: New Devices
Speaker: Brijeshwar S. Maini, MD

2:40 PM
Surgical Options for Closure of the Left Atrial Appendage
Speaker: Anita R. Krueger, MD

2:50 PM
Cost-Effectiveness of LAA Closure Versus NOAC
Speaker: Sameer A. Gafoor, MD

3:00 PM
Second-Generation LAA Occlusion: How Will Devices Change My Practice?
Speaker: Stephan Bertog, MD

3:10 PM
A Difficult WATCHMAN Case
Speaker: Ramon Quesada, FACP, FACC, FSCA

3:20 PM
Anticoagulant Regimens Post-LAA Closure for Patients with High HAS-BLED Score
Speaker: Michael J. Rinaldi, MD
3:30 PM  
How to Increase Your Patient Volume and Screening Efficiency  
Speaker: Ramon Quesada, FACP, FACC, FSCA

**Essentials of LAA Closure Trials and Device Update I**

3:40 PM - 5:00 PM

3:40 PM  
Essentials of LAA Closure Trials and Device Update I  
Moderator: Megan Coylewright, MD, MPH  
Moderator: Sameer A. Gafoor, MD  
Moderator: Michael J. Rinaldi, MD

3:40 PM  
WATCHMAN FLX™ Device for Patients Undergoing AF Ablation  
Speaker: Manish H. Shah, MD

3:49 PM  
AMULET: Device Characteristics Procedural Technique Clinical Outcomes and Ongoing Studies  
Speaker: Gabriel Maluenda, MD

3:58 PM  
Parade of Upcoming Devices for LAA Closure Beyond WATCHMAN and AMULET  
Speaker: Stephan Bertog, MD

4:07 PM  
LAA WATCHMAN Lessons from Prague 17 and LLA closure versus NOAC Clinical Trials  
Speaker: Vivek Reddy, MD

4:16 PM  
Watch TAVR - Status and Update  
Speaker: Samir R. Kapadia, MD, FSCAI

4:25 PM  
LAA Appendage Closure as an Adjunct to PCI: MitraClip and TAVR  
Speaker: Saibal kar, MD, FSCAI, FACC

4:34 PM  
Conformal Self-Adaptable LAA Closure Device: Initial Clinical Experience  
Speaker: Molly Szerlip, MD

4:43 PM  
Panel Discussion: Essentials of LAA Closure III  
Panel Moderator: Megan Coylewright, MD, MPH  
Panel Moderator: Sameer A. Gafoor, MD  
Panel Moderator: Michael J. Rinaldi, MD  
Panelist: Stephan Bertog, MD  
Panelist: Samir R. Kapadia, MD, FSCAI  
Panelist: John C. Messenger, MD  
Panelist: Vivek Reddy, MD  
Panelist: Manish H. Shah, MD  
Panelist: Molly Szerlip, MD

5:00 PM  
Adjourn
Large-Bore Access & Closure Skills for Advanced Interventional Operators – Supported by an educational grant from Abiomed, Inc.
2/22/2020, 10:00 AM – 4:15 PM - Room: Potomac D

**Advanced Use of Percutaneous Support Devices in Protected PCI**

10:00 AM - 2:45 PM

10:00 AM
High-Risk PCI with LV Support: The Current Clinical Evidence (PIII)
Speaker: William W. O’Neill, MD, FACC

10:25 AM
Why Use Hemodynamic Support for These High-Risk Cases? The Case for Complete Revascularization in a Single Setting Versus Staged Procedures
Speaker: Rajan Patel, MD

10:40 AM
Treating LV Dysfunction: Impact of Complete Revascularization on Improvement in EF and Heart Failure
Speaker: Jason Wollmuth, MD

11:00 AM
Panel Discussion
Panelist: William W. O’Neill, MD, FACC
Panelist: Rajan Patel, MD
Panelist: Jason Wollmuth, MD

11:30 AM Lunch

12:00 PM
The Importance of Safe Access Techniques
Speaker: Adhir Shroff, MD, MPH

12:10 PM
Bleeding Is a Predictor of Mortality: Planning for Large-Bore Femoral Access
Speaker: Adhir Shroff, MD, MPH

12:25 PM
Resources for Continued Education: Online Manual. Observation Courses, Advanced Individualized Training, and ProtectedPCI.com
Speaker: George W. Vetrovec, MD, MACC, MSCAI

12:45 PM
Optimal Techniques for Femoral Access
Speaker: Michael J. Lim, MD

1:00 PM
Single-Access Impella
Speaker: Jason Wollmuth, MD

1:20 PM
Alternative Access Sites: Importance of Technical Skills for the Advanced Operator & Femoral Access Preparation Using IVL Shockwave Technology
Speaker: Rajiv Tayal, MD, MPH, FSCAI

2:00 PM
Large-Bore Closure Devices and Techniques – the Detroit Experience
Speaker: Amir Kaki, MD, FACC, FSCAI

2:30 PM
Speaker: Michael J. Lim, MD

**Workshop Rotations Access [2:45 PM - 4:15 PM]**

2:45 PM
Peel Away Sheath | Shockwave | Ultrasound | Closure | Manta | Perclose

4:15 PM
Adjourn
Mitral Valve Repair Workshop - Supported by an educational grant from Abbott

2/22/2020, 11:00 AM – 4:35 PM
Room: Potomac 1-3

Course Directors
Co-Course Director: Samir R. Kapadia, MD, FSCAI
Co-Course Director: Scott Lim, MD
Co-Course Director: Paul Sorajja, MD
Co-Course Director: Molly Szerlip, MD

Setting the Stage – Eligible Patients Imaging and Beyond
11:00 AM - 1:15 PM

11:00 AM
Setting the Stage – Eligible Patients Imaging and Beyond
Moderator: Scott Lim, MD
Moderator: Ian J. Sarembock, MB ChB, MD
Moderator: Nishant Sekaran, MD

11:00 AM
Brief Review of Mitral Valve Hemodynamics for the Interventionalist
Speaker: Morton J. Kern, MD, MSCAI, FACC, FAHA

11:08 AM
Functional MR: Patient Selection
Speaker: Marvin Eng, MD

11:16 AM
Managing Mitral Regurgitation in Heart Failure: Perspectives
Speaker: Konstantinos Dean Boudoulas, MD

11:24 AM
Echo Criteria for Patients with FMR Lessons from the COAPT and MITRA-FR Studies
Speaker: Federico M. Asch, MD

11:32 AM
Echo for Mitral Valve Repair - Evaluation Before & After
Speaker: Steven Goldstein, MD FACC FASE

11:40 AM
CT Imaging Essentials: Screening Patients for Mitral Valve Repair
Speaker: Dee Dee Wang, MD

11:48 AM
Mitral Valve Repair Step-by-Step Procedure Review with the Second-Generation Clip
Speaker: Paul Sorajja, MD

11:56 AM
CMR for MR
Speaker: Stamatios Lerakis, MD

Mitral Valve Repair Workshop Luncheon
12:04 PM - 1:15 PM

Mitral Valve Repair: Practical Issues
1:15 PM - 2:30 PM

1:15 PM
Mitral Valve Repair: Practical Issues
Moderator: Scott Lim, MD
Moderator: Brijeshwar S. Maini, MD
Moderator: Ian J. Sarembock, MB ChB, MD

1:15 PM
Mitral Stenosis Post-Clip – How to Avoid/How to Treat
Speaker: Molly Szerlip, MD
1:25 PM
What Clip to Pick: How to use XTr and NTr for Individual Pathologies
Speaker: Michael J. Rinaldi, MD

1:35 PM
Mitral Valve Repair Therapy: Matching Technique and Device Selection to Anatomic Substrate
Speaker: Wayne Batchelor, MD, MHS

1:45 PM
How can Reduction in FMR Be Meaningful if the Left Ventricle Fails to Remodel?
Speaker: Steven Goldberg, MD, FSCAI, FACC

1:55 PM
Mitral Clip Complication - How to Bail Out
Speaker: Ramon Quesada, FACP, FACC, FSCA

2:05 PM
Challenges With Mitral Valve Repair - Referring Patients Too Late in the Course
Speaker: Michael J. Lim, MD

2:15 PM
Panel Discussion: Mitral Valve Repair Practical Issues
Panel Moderator: Scott Lim, MD
Panel Moderator: Brijeshwar S. Maini, MD
Panel Moderator: Ian J. Sarembock, MB ChB, MD
Panelist: Wayne Batchelor, MD, MHS
Panelist: Steven Goldberg, MD, FSCAI, FACC
Panelist: Michael J. Lim, MD
Panelist: Ramon Quesada, FACP, FACC, FSCA
Panelist: Michael J. Rinaldi, MD
Panelist: Molly Szerlip, MD

Mitral Valve Repair: Understanding the Latest Data and More

2:30 PM - 4:35 PM
2:30 PM
Mitral Valve Repair: Understanding the Latest Data and More
Moderator: Anita W. Asgar, MD, FACC
Moderator: Stamatios Lerakis, MD
Moderator: Corrado Tamburino, PhD, FESC

2:30 PM
Mitral Valve Repair – Updates and Lessons Learned from the NCDR and STS/ACC TVT Registry
Speaker: Paul Sorajja, MD

2:39 PM
STS/ACC TVT Registry: Do Operator Volume Matters for Mitral Valve Repair?
Speaker: Adnan Chhatriwalla, MD

2:48 PM
Should We Treat Moderate FMR?
Speaker: Anita W. Asgar, MD, FACC

2:57 PM
COAPT and MITRA-FR - Explain the Differences
Speaker: Federico M. Asch, MD

3:06 PM
Mitral Valve Repair Case: When Enough is Enough
Speaker: Brijeshwar S. Maini, MD

3:15 PM
How Do We Move Forward in a COAPT World?
Speaker: Corrado Tamburino, PhD, FESC

3:24 PM
Is There a Role for Mitral Valve Repair in the Management of Inotrope-Dependent Heart Failure?
Speaker: Fadi A. Matar, MD, FSCAI

3:33 PM
Hemodynamics as an Add-On Arsenal for Assessment of Residual leak - Post-MitraClip
Speaker: Mohammad Sarraf, MD
3:51 PM
Mitral Valve Repair for Tricuspid Regurgitation - The Next Frontier
Speaker: Scott Lim, MD

3:51 PM
TMVr - Next Generation Leaflet Repair Technologies
Speaker: Paul Sorajja, MD

4:00 PM
Cost-Effectiveness of TMVr for Functional MR: Results from the COAPT Trial
Speaker: David J. Cohen, MD, FSCAI

4:09 PM
Panel Discussion: Mitral Valve Repair: Understanding the Latest Data and More
Panel Moderator: Anita W. Asgar, MD, FACC
Panel Moderator: Stamatios Lerakis, MD
Panel Moderator: Corrado Tamburino, PhD, FESC
Panelist: Adnan Chhatriwalla, MD
Panelist: David J. Cohen, MD, FSCAI
Panelist: Michael J. Mack, MD
Panelist: Fadi A. Matar, MD, FSCAI
Panelist: Mohammad Sarraf, MD

4:35 PM
Adjourn
Valve & Structural Heart Revolution: Next Generation Self Expanding Valves
7:30 PM - 9:15 PM
7:30 PM
Valve & Structural Heart Revolution: Next Generation Self Expanding Valves
Moderator: Gregory P. Fontana, MD
Moderator: Howard C. Herrmann, MD, FACC, MSCAI
Moderator: Ron Waksman, MD, FSCAI

7:30 PM
Dinner

7:45 PM
Challenging Cases: Where Balloon-Expandable and Self – Expanding Fit Best
Speaker: Itsik Ben-Dor, MD

7:55 PM
Lessons from the Randomized Studies
Speaker: Gregory P. Fontana, MD

8:05 PM
Next Gen Studies (Active and Planned)
Speaker: Michael Reardon, MD

8:15 PM
FlexNav Experience
Speaker: Paul D. Mahoney, MD, FACC

8:25 PM
Insights from the Latest TVT & the STS Reports
Speaker: Joseph Bavaria, MD

8:35 PM
Valve Durability: Is the Burden of Proof Being Evenly Applied to SAVR and TAVR?
Speaker: Danny Dvir, MD

8:45 PM
Prosthesis Patient Mismatch in SAVR Versus TAVR: Why Is It Important?
Speaker: Howard C. Herrmann, MD, FACC, MSCAI

8:55 PM
Panel Discussion: The Role of the Surgeon in TAVR Procedures in 2020
Panel Moderator: Gregory P. Fontana, MD
Panel Moderator: Howard C. Herrmann, MD, FACC, MSCAI
Panelist: Joseph Bavaria, MD
Panelist: Itsik Ben-Dor, MD
Panelist: Davide Capodanno, MD, PhD
Panelist: Danny Dvir, MD
Panelist: Hasan A. Jilaihawi, MD
Panelist: Paul D. Mahoney, MD, FACC
Panelist: Michael Reardon, MD

9:15 PM
Adjourn
Access Fellows and Fellows Directors Evening Symposium

7:30 PM - 9:15 PM

Dinner

8:00 PM
Physician Panel: Business Building and Key Techniques & Tools Discussion
Panelist: Christina Economides, MD
Panelist: Sandeep Nathan, MD, MSc
Panelist: Amit Srivastava, MD
Panelist: Katrine A. Zhiroff, MD

9:15 PM
Adjourn
Abstracts: Coronary - Acute Coronary Syndrome
2/22/2020, 12:00 PM – 12:55 PM
Room: Tamai

Abstracts: Coronary - Acute Coronary Syndrome
Moderator: Harsh Agarwal, MD
Moderator: Mazen S. Albaghdadi, MD

12:00 PM
Planned Ablation Ended With Non-planned Coronary Stenting
Speaker: David Baghdasaryan, MD

12:15 PM
Nightmare STEMI Battle 1 versus 3
Speaker: Ahmed Nada, MD

12:30 PM
A Novel Biomarker of Contrast Induced-Acute Kidney Injury
Speaker: Mohamed Ahmed Ahmed, MRCP, MSc, PGDip

12:45 PM
Outcomes Of Percutaneous Coronary Intervention in Acute Myocardial Infarction With Advanced Chronic Kidney Disease
Speaker: Madhan Shanmugasundaram, MD, FACC, FSCAI

12:55 PM
Adjourn

Abstracts: Coronary - Acute Myocardial Infarction
2/22/2020, 1:15 PM – 2:25 PM
Room: Tamai

Abstracts: Coronary - Acute Myocardial Infarction
Moderator: Mazen S. Albaghdadi, MD
Moderator: Abdul Rahman Ihdayhid, MD

1:15 PM
Comparison Between Unrestricted Use of Biolimus-Eluting Stents and Other Drug-Eluting Stents in Patients With Acute Myocardial Infarction
Speaker: Ji Young Park, MD, PhD

1:30 PM
Impact of Acute Coronary Artery Collaterals on Left Ventricular Ejection Fraction (LVEF) and 24 Month Mortality in Patients With STEMI
Speaker: Ali Aldujeli, MD, MSc

1:45 PM
The Impact of Ticagrelor Loading Dose Timing in Patients With STEMI.
Speaker: Ali Aldujeli, MD, MSc

2:00 PM
Safety and Feasability of Drug Coated Balloons in ST Elevation Myocardial Infarction: A Systematic Review and Meta-Analysis
Speaker: Qasim Malik, MD

2:15 PM
Ability of Grace Score to Predict Lesion Complexity in Patients Diagnosed with Nstemi
Speaker: Ali Aldujeli, MD, MSc

2:25 PM
Adjourn
Abstracts: Coronary - Acute Myocardial Infarction [Session 2]
2/22/2020, 2:30 PM – 3:40 PM
Room: Tamai
Abstracts: Coronary - Acute Myocardial Infarction [Session 2]
Moderator: Abdul Rahman Ihdayhid, MD
Moderator: Valeria Paradies, MD

2:30 PM
Predictors of Suboptimal Coronary Blood Flow After Primary Angioplasty and its Implications on In-Hospital Clinical Outcomes in Patients With Acute Anterior Wall Myocardial Infarction
Speaker: Karim Elakabawi, MD

2:45 PM
Long-Term Clinical Outcomes of Long Coronary Lesions in Acute Myocardial Infarction Patients Underwent Percutaneous Coronary Intervention
Speaker: Se Yeon Choi, PhD

3:00 PM
Percutaneous Versus Surgical Revascularization for Acute Myocardial Infarction
Speaker: Tariq Enezate, MD

3:15 PM
Culprit-Only Versus Complete Percutaneous Coronary Intervention in Myocardial Infarction With Multivessel Disease: A Meta-Analysis and Trial Sequential Analysis of Randomized Trials
Speaker: mahmoud Barbarawi, MD

3:30 PM
Is on Admission Leukocyte Count a Powerful Predicator of Long-Term Mortality in Stemi Patients?
Speaker: Kasparas Briedis, MD

3:40 PM
Adjourn

Abstracts: Coronary - Acute Myocardial Infarction [Session 3]
2/22/2020, 3:15 PM – 4:10 PM
Room: Hartzler
Abstracts: Coronary - Acute Myocardial Infarction [Session 3]
Moderator: Harsh Agarwal, MD
Moderator: Nathaniel R. Smilowitz, MD

3:15 PM
Impact of Admission C-Reactive Protein on Coronary Blood Flow and Prognosis of Patients With Acute Myocardial Infarction Undergoing Primary Percutaneous Coronary Intervention in Real World
Speaker: Ali Aldujeli, MD, MSc

3:30 PM
The Predictors of Hospital Readmission for Acute Myocardial Infarction Patients With Heart Failure: From the Korea Acute Myocardial Infarction Registry-National Institutes of Health (Kamir-NIH)
Speaker: Jinah Cha, MD

3:45 PM
Importance of Organized STEMI Network for the Improvement of Contact to Wire Time and 30-Day Mortality Rate in STEMI Patients
Speaker: Nikola Bakracheski, MD

4:00 PM
Comparison of Biodegradable Polymer Sirolimus-Eluting Stent Versus Durable Polymer Everolimus-Eluting Stent- A Meta-Analysis of Randomized Trials
Speaker: Timir Paul, MD, PhD, FSCAI

4:10 PM
Adjourn
Abstracts: Endovascular - Peripheral Vascular Intervention and Other
2/22/2020, 3:45 PM – 4:40 PM
Room: Tamai
Abstracts: Endovascular - Peripheral Vascular Intervention and Other
Moderator: Gurumurthy Hiremath, MD
Moderator: Saroj Neupane, MD

3:45 PM
24-Month Results From The Prospective, Multicenter VERNACULAR Trial for the Treatment of Iliac and Femoral Vein Occlusive Disease With the Venovo Self-Expanding Venous Stent
Speaker: Nicolas W. Shammas, MD, MS

4:00 PM
Natural Vascular Scaffolding Promotes Post-Femoropopliteal PTA Patency Without Stent Implantation
Speaker: Krishna J. Rocha-Singh, MD, FACC

4:15 PM
Six Month Safety Evaluation of the Chocolate Touch™ Drug-Coated Balloon Catheter In the Swine Peripheral Artery Model
Speaker: Abraham R. Tzafriri, PhD

4:30 PM
Endovascular Intervention for the Treatment of Trans-Atlantic Inter-Society Consensus (TASC) D Femoropopliteal Lesions: A Systematic Review and Meta-Analysis
Speaker: Stefanos Giannopoulos, MD

4:40 PM
Adjourn

Abstracts: Coronary - Chronic Total Occlusion & Bleeding Management
2/22/2020, 4:15 PM – 4:55 PM
Room: Hartzler
Abstracts: Coronary - Chronic Total Occlusion & Bleeding Management
Moderator: Umberto Barbero, MD
Moderator: Kate E. Kearney, MD

4:15 PM
Gender Disparities in Chronic Total Occlusion Percutaneous Coronary Interventions
Speaker: Marinos Charalambous, MD

4:30 PM
Non-Access Site Bleeding Events as Predictors of In-Hospital Mortality in Patients Undergoing Angioplasty
Speaker: Najdat Bazarbashi, MD

4:45 PM
Chronic Total Occlusion Percutaneous Coronary Intervention: Outcomes in Patients With Chronic Kidney Disease
Speaker: Marinos Charalambous, MD

4:55 PM
Adjourn
Interesting Cases: Coronary Complications

2/22/2020, 12:15 PM – 1:10 PM
Room: Hartzler
Interesting Cases: Coronary Complications
Moderator: Umberto Barbero, MD
Moderator: Amit N. Vora, MD, MPH

12:15 PM
Using Chronic Total Occlusion Intervention Techniques to Rescue a Botched ST Elevation Myocardial Infarction
Speaker: Katrina Bidwell, MD

12:30 PM
Sometimes Less is More, Unavoidable Complication in the Setting of Simple PCI
Speaker: Mahmoud Khalil, MD

12:45 PM
When a Knot Gets too Tight
Speaker: Moheb Wadie, MD, MRCP

1:00 PM
If Plan a Does Not Work; There is Always Plan B
Speaker: Shady Hussein, MD

1:10 PM
Adjourn

Interesting Cases: Coronary Complications [Session II]

2/22/2020, 1:15 PM – 2:40 PM
Room: Hartzler
Interesting Cases: Coronary Complications [Session II]
Moderator: Kate E. Kearney, MD
Moderator: Nathaniel R. Smilowitz, MD

1:15 PM
Coronary Perforation After Stent Placement: Successfully Managed Using the Ping-Pong" Technique"
Speaker: Calvin Ngai, MD

1:30 PM
A Case of a Wandering Ostial Coronary Stent
Speaker: Ebtrahimi Ali, MD

1:45 PM
Coronary Perforation During Impella-Assisted PCI of Chronic Total Occlusion
Speaker: Calvin Ngai, MD

2:00 PM
Catheter Thrombosis Causing No Reflow Leading to Emergent Coronary Artery Bypass Surgery
Speaker: Jignesh A. Patel, MD

2:15 PM
Three Cases of Failure to Deflate of an NC Trek Balloon
Speaker: Michael Bianco, MD

2:30 PM
Coronary Complication With a Quick Fix
Speaker: Ibrahim Ali, MD

2:40 PM
Adjourn
Interesting Cases: Endovascular PEI
2/22/2020, 1:00 PM – 2:10 PM
Room: Innovations HUB
Interesting Cases: Endovascular PEI
Moderator: Jonathan Schwartz, MD
Moderator: On Topaz, FACC, FSCAI

1:00 PM
Retrograde Carotid Angioplasty - Complicated Type 1 and Type 5 Takayasu Arteritis in a Young Lady
Speaker: AM Thirugnanam, MD

1:15 PM
The Venovo™ Venous Stent in Pregnancy
Speaker: Andrew Shammas, BS

1:30 PM
Treatment of a Heavily Calcified Celiac Artery Ostial Subtotal Occlusion Using Shockwave Lithotripsy
Speaker: Brian C. Case, MD

1:45 PM
Recurrent Postprandial Pain After Superior Mesenteric Artery Bypass Grafting
Speaker: Katia Bravo-Jaimes, MD

2:00 PM
Intravascular Lithotripsy in a Subocclusive Iliac Access Adjuvant to Transcatheter Aortic Valve Replacement: Conquering New Horizons
Speaker: Luis Augusto Palma Dallan, MD

2:10 PM
Adjourn

Interesting Cases: Endovascular PEI [Session II]
2/22/2020, 2:15 PM – 3:25 PM
Room: Innovations HUB
Interesting Cases: Endovascular PEI [Session II]
Moderator: Jonathan Schwartz, MD
Moderator: On Topaz, FACC, FSCAI

2:15 PM
Hybrid Approach for the Treatment of Aortic Coarctation
Speaker: Estefania Fernandez Peregrina, MD

2:30 PM
Management of Thrombosed Contralateral Common Iliac Vein Secondary to Wallstent Extension in the Inferior Vena Cava
Speaker: Qais Radaideh, MD MS

2:45 PM
Unconventional Approach for Snorkeling to Renal Arteries to Repair Type 1 Endoleak
Speaker: Supraja Thunuguntla, MD

3:00 PM
The "Sandwich" Technique in a Popliteal Artery Aneurysm With Anatomical Variation
Speaker: Patrick Bagan, MD

3:15 PM
Myocardial Infarction Without a Coronary Culprit Resulting in Cardiogenic Shock
Speaker: Hassan Kamran, MD

3:25 PM
Adjourn
Interesting Cases: Coronary - Mechanical Circulatory Support and Shock

2/22/2020, 3:45 PM – 4:40 PM
Room: Innovations HUB

Interesting Cases: Coronary - Mechanical Circulatory Support and Shock
Moderator: Gagan D. Singh, MD
Moderator: Nathaniel R. Smilowitz, MD
Moderator: On Topaz, FACC, FSCAI

3:45 PM
Successful Resuscitation Of Acute Cardiogenic Shock Presenting As Ventricular Fibrillation Via Bipella Approach
Speaker: Rudin Gjeka, MD

4:00 PM
Percutaneous Placement Of Impella 5.0 Through The Axillary Artery Using The Impella RP (23 Fr) Sheath
Speaker: Marinos Charalambous, MD

4:15 PM
Chordae Tendinae Rupture And Iatrogenic Severe Mitral Regurgitation Related To Impella
Speaker: Nauman Khalid, MD

4:30 PM
Spontaneous Coronary Artery Dissection Associated With Reverse Takotsubo In A Middle-aged Woman
Speaker: Lina Ya'qoub, MD

4:40 PM
Adjourn
Saturday, February 23, 2020

ACS & AMI Management
2/23/2020, 8:00 AM – 5:00 PM
Room: National Harbor 10-11

Course Directors
Co-Course Director: Dominick J. Angiolillo, MD, PhD, FSCAI
Co-Course Director: C. Michael Gibson, MD
Co-Course Director: Neal S. Kleiman, MD, FACC, MSCAI

STEMI 2020 Contemporary Topics I: Multivessel and Strategies
8:00 AM - 9:50 AM

8:00 AM
STEMI 2020 Contemporary Topics I: Multivessel and Strategies
Moderator: Elizabeth Biegelsen, MD
Moderator: John McB Hodgson, MD, MSCAI
Moderator: Neal S. Kleiman, MD, FACC, MSCAI

8:00 AM
Case Introduction: A STEMI Patient with Multivessel Disease
Speaker: Brian C. Case, MD

8:09 AM
Complete Revascularization in STEMI with MVD - Take-Home Message from the Trial?
Speaker: Sanjit S. Jolly, MD, MSc

8:18 AM
Complete Revascularization in STEMI Patients - Not So Fast, a Word of Caution
Speaker: Barry D. Rutherford, MD

8:27 AM
STEMI in Cardiogenic Shock: Why I Stick to the Culprit Only
Speaker: Holger Thiele, MD

8:36 AM
Should FFR Be Used Routinely in STEMI Patients with Multivessel Disease?
Speaker: John McB Hodgson, MD, MSCAI

8:45 AM
LV Unloading to Reduce Infarct Size - What Do We know and What Are We Going to Study
Speaker: Navin K. Kapur, MD, FSCAI

8:54 AM
STEMI Interventions: Does the Choice of Stent Matter?
Speaker: Cindy L. Grines, MD, FACC, MSCAI

9:03 AM
100 Million Patients: AMI Coverage with Pragmatic Use of Telemedicine?
Speaker: Sameer Mehta, MD

9:12 AM
STEMI – The Women’s Perspective: SCAD, Takotsubo and More
Speaker: Biljana Parapid, MD, PhD

9:21 AM
Transitional Care in Patients with AMI
Speaker: Jason Wasfy, MD

9:30 AM
Management of Non-Culprit CTO in STEMI
Speaker: Emmanouil S. Brilakis, MD, PhD
9:39 AM
Panel Discussion: STEMI and Multivessel Disease
Panel Moderator: Elizabeth Biegelsen, MD
Panel Moderator: John McB Hodgson, MD, MSCAI
Panel Moderator: Neal S. Kleiman, MD, FACC, MSCAI
Panelist: Emmanuel S. Brilakis, MD, PhD
Panelist: Cindy L. Grines, MD, FACC, MSCAI
Panelist: Sanjit S. Jolly, MD, MSc
Panelist: Navin K. Kapur, MD, FSCAI
Panelist: Sameer Mehta, MD
Panelist: Biljana Parapid, MD, PhD
Panelist: Barry D. Rutherford, MD
Panelist: Holger Thiele, MD
Panelist: Jason Wasfy, MD

STEMI 2020 Contemporary Topics II: Multivessel and Anticoagulation

9:50 AM - 11:00 AM
9:50 AM
STEMI 2020 Contemporary Topics II: Multivessel and Anticoagulation
Moderator: Dominick J. Angiolillo, MD, PhD, FSCAI
Moderator: Marc Cohen, MD, FACC
Moderator: Neal S. Kleiman, MD, FACC, MSCAI

9:50 AM
Optimal Anticoagulation for Patients with STEMI: What Should Be the Standard of Care in 2020?
Speaker: Marc Cohen, MD, FACC

9:58 AM
Should PIONEER, REDUAL and ATLAS Change our Practice?
Speaker: C. Michael Gibson, MD

10:06 AM
Bridging and Timing to Restart Antiplatelet Therapy Before and After Surgery
Speaker: Dominick J. Angiolillo, MD, PhD, FSCAI

10:14 AM
Is There Still a Place for Pharmacological Fibrinolysis in STEMI?
Speaker: Walid Jomaa, MD

10:22 AM
Upstream OAP in NSTEMI
Speaker: Charles V. Pollack, Jr., MA, MD

10:30 AM
Updated North American Consensus on Antithrombotic Therapy in Patients with Atrial Fibrillation Undergoing PCI
Speaker: Dominick J. Angiolillo, MD, PhD, FSCAI

10:38 AM
Is There a Role for Aspirin in Treatment of ACS Patients Post-PCI: Lessons from the TWILIGHT Study
Speaker: Roxana Mehran, MD, FACC, FSCAI

10:44 AM
Panel Discussion: Multivessel and Anticoagulation
Panel Moderator: Dominick J. Angiolillo, MD, PhD, FSCAI
Panel Moderator: Marc Cohen, MD, FACC
Panel Moderator: Neal S. Kleiman, MD, FACC, MSCAI
Panelist: C. Michael Gibson, MD
Panelist: Walid Jomaa, MD
Panelist: Roxana Mehran, MD, FACC, FSCAI
Panelist: Charles V. Pollack, Jr., MA, MD
Panelist: Jorge F. Saucedo, MD, MBA

STEMI 2020 Contemporary Topics III: ACS and AMI Management

11:00 AM - 12:35 PM
11:00 AM
STEMI 2020 Contemporary Topics III: ACS and AMI Management
Moderator: George Dangas, MD, FACC, FSCAI
Moderator: Navin K. Kapur, MD, FSCAI
Moderator: David J. Moliterno, MD
11:00 AM
Should NSTEMI Be Treated Like STEMI with Short Door-to-Balloon Time?
Speaker: William S. Weintraub, MD

11:08 AM
What Is the Current Status of Aspiration Thrombectomy?
Speaker: Issam Moussa, MD

11:16 AM
AMI Pathways in an Era of Payment Reform
Speaker: Jason Wasfy, MD

11:24 AM
Device- Versus Drug-Based Approaches to Limit No-Reflow in STEMI
Speaker: Mauricio G. Cohen, MD

11:32 AM
Treatment of Severely Calcified Coronary Artery Disease in Acute Myocardial Infarction
Speaker: Michael S. Lee, MD, FACC, FSCAI

11:40 AM
Devices to Alert Patients of ST Changes: How to Implement it in Clinical Practice?
Speaker: C. Michael Gibson, MD

11:48 AM
Devices and Drugs to Reduce Infarct Size
Speaker: Gregg W. Stone, MD, FSCAI

11:56 AM
European Practice and Guidelines for the Treatment of STEMI and ACS - What is New?
Speaker: Davide Capodanno, MD, PhD

12:04 PM
How to Prevent Readmission after MI
Speaker: James C. Blankenship, MD, MHCM, MSCAI

12:12 PM
Panel Discussion: STEMI 2020 Contemporary Topics III: ACS and AMI Management
Panel Moderator: George Dangas, MD, FACC, FSCAI
Panel Moderator: Navin K. Kapur, MD, FSCAI
Panel Moderator: David J. Moliterno, MD
Panelist: James C. Blankenship, MD, MHCM, MSCAI
Panelist: Davide Capodanno, MD, PhD
Panelist: Mauricio G. Cohen, MD
Panelist: C. Michael Gibson, MD
Panelist: Michael S. Lee, MD, FACC, FSCAI
Panelist: Issam Moussa, MD
Panelist: Gregg W. Stone, MD, FSCAI
Panelist: Jason Wasfy, MD
Panelist: William S. Weintraub, MD

Break for Lunch - Program resumes at 1:45 PM

12:35 PM - 1:45 PM
12:35 PM
Break for Lunch - Program resumes at 1:45 PM

ACS Pharmacotherapy 2020

1:45 PM - 3:15 PM
1:45 PM
ACS Pharmacotherapy 2020
Moderator: Neal S. Kleiman, MD, FACC, MSCAI
Moderator: David J. Moliterno, MD
Moderator: Gregory Piazza, MD

1:45 PM
Is There Still a Role for Bivalirudin During PCI in Stable CAD?
Speaker: Anthony A. Bavry, MD, MPH

1:53 PM
NOAC in Special Populations - What Should We Do with the Elderly/Renal Failure Patients?
Speaker: Sa’ar Minha, MD
2:01 PM
Polypharmacy Anticoagulation - AF Meets PCI
Speaker: Yu Ping Wang, MD MHS MSc

2:09 PM
Aspirin-Free Strategies in Atherosclerotic Disease: Why?
Speaker: Davide Capodanno, MD, PhD

2:16 PM
When to Switch and How to Switch Antiplatelet Therapy
Speaker: Massoud Leesar, MD

2:24 PM
Infusion HDL to Improve Clinical Outcomes over 90 Days after an MI: The AEGIS 2 Trial
Speaker: C. Michael Gibson, MD

2:32 PM
Should GP IIb/IIIa Inhibitors Still Have a Role in the Era of Ticagrelor and Cangrelor?
Speaker: Michael J. Lipinski, MD, PhD

2:40 PM
Dual or Triple Antithrombotic Therapy for Patients with ACS and AFib?
Speaker: Jorge F. Saucedo, MD, MBA

2:48 PM
Monotherapy after 3 Months: Where Are We?
Speaker: Usman Baber, MD, MS

2:54 PM
Is There a Role for Thrombin Pathway Inhibition for Long-Term Therapy in Patients with ACS? What Is the Role of Aspirin?
Speaker: Paul A. Gurbel, MD, FSCAI

3:02 PM
Panel Discussion: ACS Pharmacotherapy 2020
Panel Moderator: Neal S. Kleiman, MD, FACC, MSCI
Panel Moderator: David J. Moliterno, MD
Panelist: Usman Baber, MD, MS
Panelist: Anthony A. Bavry, MD, MPH
Panelist: Davide Capodanno, MD, PhD
Panelist: C. Michael Gibson, MD
Panelist: Paul A. Gurbel, MD, FSCAI
Panelist: Massoud Leesar, MD
Panelist: Michael J. Lipinski, MD, PhD
Panelist: Sa’ar Minha, MD
Panelist: Jorge F. Saucedo, MD, MBA
Panelist: Yu Ping Wang, MD MHS MSc

Treatment of the Cardiogenic Shock Patient

3:15 PM - 5:00 PM
3:15 PM
Treatment of the Cardiogenic Shock Patient
Moderator: Timothy D. Henry, MD
Moderator: John M. Lasala, MD, PhD, MSCI
Moderator: Michael R. Mooney, MD, FSCAI

3:15 PM
Therapeutic Hypothermia for Cardiac Arrest and More
Speaker: Michael R. Mooney, MD, FSCAI

3:23 PM
Mechanical Complications of Acute AMI
Speaker: Behnam N. Tehrani, MD

3:31 PM
Building a Team of Teams: Multidisciplinary Management of Cardiogenic Shock
Speaker: Alexander G. Truesdell, MD

3:39 PM
Surviving Cardiac Arrest
Speaker: Prakash Balan, MD, JD
3:47 PM
Unloading the Ventricle in MI – It Makes Sense, but Does It Work?
Speaker: Navin K. Kapur, MD, FSCAI

3:55 PM
What Is the Take-Home Message from the CULPRIT-SHOCK Trial?
Speaker: Holger Thiele, MD

4:03 PM
How Best to Hemodynamically Support Shock in ACS Patients
Speaker: Mitul Patel, MD

4:11 PM
Role of ECMO in Acute Cardiogenic Shock
Speaker: Ezequiel J. Molina, MD

4:19 PM
ECMO Versus pLVAD: Choosing the Right Device for Cardiogenic Shock
Speaker: Perwaiz M. Meraj, MD, FSCAI

4:27 PM
Down but Not Out: The Role of IABP for Treatment of Shock Patients
Speaker: Timothy D. Henry, MD

4:35 PM
Panel Discussion: Treatment of the Cardiogenic Shock Patient
Panel Moderator: Timothy D. Henry, MD
Panel Moderator: John M. Lasala, MD, PhD, MSCAI
Panel Moderator: Michael R. Mooney, MD, FSCAI
Panelist: H. Vernon Anderson, MD
Panelist: Prakash Balan, MD, JD
Panelist: Perwaiz M. Meraj, MD, FSCAI
Panelist: Ezequiel J. Molina, MD
Panelist: Mitul Patel, MD
Panelist: Behnam N. Tehrani, MD
Panelist: Holger Thiele, MD
Panelist: Alexander G. Truesdell, MD

5:00 PM
Adjourn
Atherosclerosis and Vulnerable Plaque Summit
2/23/2020, 8:00 AM – 4:00 PM
Room: National Harbor 12-13

Course Directors
Co-Course Director: H. Bryan Brewer, Jr., MD
Co-Course Director: Hector M. Garcia-Garcia, MD, PhD
Co-Course Director: Steven E. Nissen, MD
Co-Course Director: Robert L. Wilensky, MD

Insights into the Pathophysiology and Mechanisms of Atherosclerotic Disease
8:00 AM - 10:35 AM

8:00 AM
Insights into the Pathophysiology and Mechanisms of Atherosclerotic Disease
Moderator: Arshed A. Quyyumi, MD
Moderator: Renu Virmani, MD
Moderator: Robert L. Wilensky, MD

8:00 AM
Plaque Instability: ACS is the End, Not the Beginning
Speaker: James A. Goldstein, MD, FSCAI

8:10 AM
Novel Insights into Pathophysiology of VP
Speaker: Michael H. Joner, MD

8:20 AM
The Role of Inflammation in Atherogenesis
Speaker: Angela M. Taylor, MD, MS

8:30 AM
OCT NIRF Molecular Imaging for Vulnerable Plaque and Plaque Progression Identification
Speaker: Farouc A. Jaffer, MD, PhD

8:40 AM
Plaque Rupture Versus Erosion: Is the Pathophysiology of ACS Changing?
Speaker: Paul A. Gurbel, MD, FSCAI

8:50 AM
The Role of CYR61 in Aortic Pathology
Speaker: George (Rick) Stouffer, MD

9:00 AM
Differences in Atherosclerosis in Different Beds
Speaker: Renu Virmani, MD

9:10 AM
Immune Cells, Coronary Artery Disease Repair and Regeneration in Cardiovascular Diseases
Speaker: Angela M. Taylor, MD, MS

9:20 AM
Lipoprotein(a): An Emerging Therapeutic Target
Speaker: Steven E. Nissen, MD

9:30 AM
Digital Health in Preventive Cardiology
Speaker: Seth S. Martin, MD, MHS, FACC, FAHA, FASPC

9:40 AM
Shear Stress Mapping in Patients with CAD
Speaker: Arnav Kumar, MD, MSCR

9:50 AM
Multi-Marker Risk Score for Prediction of Risk in Patients with Coronary Artery Disease
Speaker: Arshed A. Quyyumi, MD
10:00 AM
A New Classification of Calcified Plaque in ACS Patients
Speaker: Ik-Kyung Jang, MD, PhD

10:10 AM
Panel Discussion: What Did We Learn in the Past Decade That May Change the Treatment Paradigm?
Panel Moderator: Arshed A. Quyyumi, MD
Panel Moderator: Robert L. Wilensky, MD
Panel Moderator: Renu Virmani, MD
Panelist: James A. Goldstein, MD, FSCAI
Panelist: Paul A. Gurbel, MD, FSCAI
Panelist: Ik-Kyung Jang, MD, PhD
Panelist: Arnav Kumar, MD, MSCR
Panelist: Seth S. Martin, MD, MHS, FACC, FAHA, FASPC
Panelist: Steven E. Nissen, MD
Panelist: George (Rick) Stouffer, MD
Panelist: Angela M. Taylor, MD, MS

Novel Therapies for the Treatment of the Vulnerable Plaque

10:35 AM - 11:23 AM

10:35 AM
Novel Therapies for the Treatment of the Vulnerable Plaque
Moderator: Aloke V. Finn, MD
Moderator: Nehal N. Mehta, MD, MSCE

10:35 AM
Cholesterol Crystals: Does Medical Therapy Dissolve the Crystals in the Coronary Plaque?
Speaker: Aloke V. Finn, MD

10:45 AM
Mechanisms of Superficial Erosion
Speaker: Peter Libby, MD

10:55 AM
What Do Statins Do to Coronary Atherosclerosis?
Speaker: Rhanderson Cardoso, MD

11:05 AM
Role of Colchicine for the Treatment of CAD
Speaker: Binita Shah, MD, MS

11:15 AM
Detecting Vulnerable Plaque and Stratifying Risk with CTA
Speaker: U. Joseph Schoepf, MD

Vulnerable Plaque Clinical Trials Update

11:23 AM - 12:30 PM

11:23 AM
Vulnerable Plaque Clinical Trials Update
Moderator: Ryan D. Madder, MD
Moderator: Robert L. Wilensky, MD

11:23 AM
Clonal Hematopoiesis - A Common, Potent, Independent and Newly Recognized Cardiovascular Risk Factor
Speaker: Peter Libby, MD

11:33 AM
Assessment of Stabilization of Plaque Vulnerability by OCT
Speaker: Takashi Akasaka, MD, PhD

11:43 AM
Near-Infrared Spectroscopy: Lipid-Rich Plaque Study - New Data and Implications
Speaker: Ron Waksman, MD, FSCAI

11:53 AM
PROSPECT II and PREVENT Rationale and Update from the Trials
Speaker: Gregg W. Stone, MD, FSCAI

12:03 PM
Detection of Lipid Core Plaque Cap Thickness via Collagen Spectroscopy
Speaker: Robert L. Wilensky, MD
Panel Discussion: Now That We Can Identify Vulnerable Plaque, What's Next?
Panel Moderator: Ryan D. Madder, MD
Panel Moderator: Robert L. Wilensky, MD
Panelist: Takashi Akasaka, MD, PhD
Panelist: Peter Libby, MD
Panelist: Gregg W. Stone, MD, FSCAI
Panelist: Ron Waksman, MD, FSCAI

Power Break Symposium: Integrating NIRS in Clinical Practice - Supported by an educational grant from Nipro Company
12:30 PM - 1:30 PM
Integrating NIRS in Clinical Practice - Agenda under Sunday - 2/23

Atherosclerosis & Lipid Management
1:30 PM - 4:00 PM
1:30 PM
Atherosclerosis & Lipid Management
Moderator: H. Bryan Brewer, Jr., MD
Moderator: Rhanderson Cardoso, MD
Moderator: Allen J. Taylor, MD

1:30 PM
Options Beyond Antiplatelet Agents in the PCI Patient: How Can We find Value? (PCSK9 Inhibitors, Inflammation Inhibitors and Other Lipid Lowering Agents)
Speaker: Paul A. Gurbel, MD, FSCAI

1:40 PM
The Role of Non-Statin Therapies in Patients with Clinical Atherosclerotic Cardiovascular Disease
Speaker: Rhanderson Cardoso, MD

1:50 PM
Triglycerides on the Rise: Revisiting a Neglected Cardiovascular Risk Factor
Speaker: Peter Libby, MD

2:00 PM
What's New in PCSK9 Inhibition - Outcomes, Subgroups and New Therapies
Speaker: Scott W. Shurmur, MD

2:10 PM
Lipid-Lowering Strategies in Patients with Atherosclerotic Cardiovascular Disease
Speaker: Rhanderson Cardoso, MD

2:20 PM
Reduction in Lipid Rich Necrotic Core Area Following Biologic Therapy in Psoriasis by CTA
Speaker: Nehal N. Mehta, MD, MSCE

2:30 PM
What Is on the Horizon for PCSK9 Inhibitors?
Speaker: Scott W. Shurmur, MD

2:40 PM
Update on HDL Infusions and Atherosclerosis Regression in the ACS Patient
Speaker: H. Bryan Brewer, Jr., MD

2:50 PM
Update on Clinical Trials with Novel CETP Inhibitors to Raise HDL: Where Are We Today?
Speaker: Steven E. Nissen, MD

3:00 PM
Cost Effectiveness Outcome of REDUCE-IT?
Speaker: William S. Weintraub, MD

3:10 PM
Effect of Metabolic Surgery on Cardiovascular Outcomes in Patients with Diabetes
Speaker: Steven E. Nissen, MD
3:20 PM
Layered Plaque in ACS Patient: Pathobiological Significance
Speaker: Ik-Kyung Jang, MD, PhD

3:30 PM
Panel Discussion: What Will Be the Next Big Therapeutic Agent for the Treatment of Dyslipidemia?
Panel Moderator: H. Bryan Brewer, Jr., MD
Panel Moderator: Rhanderson Cardoso, MD
Panel Moderator: Allen J. Taylor, MD
Panelist: Paul A. Gurbel, MD, FSCAI
Panelist: Ik-Kyung Jang, MD, PhD
Panelist: Peter Libby, MD
Panelist: Nehal N. Mehta, MD, MSCE
Panelist: Steven E. Nissen, MD
Panelist: Scott W. Shurmur, MD
Panelist: William S. Weintraub, MD

4:00 PM
Adjourn
CRT Advanced TAVR

2/23/2020, 8:00 AM – 12:00 PM
Room: National Harbor 2-3

Course Directors
Co-Course Director: Eberhard Grube, MD, FSCAI
Co-Course Director: Samir R. Kapadia, MD, FSCAI
Co-Course Director: Michael Reardon, MD
Co-Course Director: Ron Waksman, MD, FSCAI

Valve in Valve
8:00 AM - 8:55 AM
8:00 AM
Valve in Valve
Moderator: Danny Dvir, MD
Moderator: Isaac George, MD
Moderator: Toby Rogers, MD, PhD
Moderator: Nicolas M. Van Mieghem, MD, PhD, FESC, FACC

8:00 AM
How to Prevent Coronary Obstruction with Stents
Speaker: Eberhard Grube, MD, FSCAI

8:10 AM
How to Prevent Coronary Obstruction with BASILICA
Speaker: Danny Dvir, MD

8:20 AM
How to Fracture the Valve to Minimize the Gradient
Speaker: Adnan Chhatriwalla, MD

8:30 AM
VIVA - 2 Year Outcomes: Results of Self-Expandable (Evolut R) TAVR Valve-in-Valve Procedures
Speaker: Ran Kornowski, MD

8:40 AM
Panel Discussion: Valve in Valve
Panel Moderator: Danny Dvir, MD
Panel Moderator: Isaac George, MD
Panel Moderator: Toby Rogers, MD, PhD
Panel Moderator: Nicolas M. Van Mieghem, MD, PhD, FESC, FACC
Panelist: Adnan Chhatriwalla, MD
Panelist: Eberhard Grube, MD, FSCAI
Panelist: Tarek Helmy, MD, FACC, FSCAI
Panelist: Sarkis Kiramijyan, MD, FACC, FSCAI
Panelist: Ran Kornowski, MD

CRT Valve Aortic: Bicuspid
8:55 AM - 9:27 AM
8:55 AM
CRT Valve Aortic: Bicuspid
Moderator: Joseph Bavaria, MD
Moderator: Kimberly A. Skelding, MD, FACC, FSCAI
Moderator: Arnold H. Seto, MD, MPA

8:55 AM
Bicuspid Anatomy and Classification
Speaker: Ran Kornowski, MD

9:03 AM
Results of an Israeli Bicuspid Aortic Valve MSCT Survey
Speaker: Ran Kornowski, MD

9:11 AM
Outcomes of TAVR in Bicuspid Aortic Stenosis Importance of Prosthesis-Patient Mismatch After TAVR
Speaker: Tarun Chakravarty, MD
9:19 AM
Should SAVR Remain the Preferred Procedure for Bicuspid Valve
Speaker: Christian Shults, MD

CRT Valve Aortic: Practical and Hot Topics

9:27 AM - 12:00 PM
9:27 AM
CRT Valve Aortic: Practical and Hot Topics
Moderator: Megan Coylewright, MD, MPH
Moderator: Richard J. Jabbour, MD
Moderator: John C. Messenger, MD

9:27 AM
Cost-Effectiveness of TAVR: Insights from the Pivotal Trial
Speaker: David J. Cohen, MD, FSCAI

9:35 AM
Intravascular Lithotripsy Is the New Alternative to Alternate Access in TAVR
Speaker: Pradeep Yadav, MD

9:43 AM
Large-Access Closure Options for TAVR -- MANTA and Perclose
Speaker: Bruce J. Rutkin, MD

9:51 AM
TAVR and Conduction Abnormalities: Does Valve Type Matter?
Speaker: Satya Shreenivas, MD

9:59 AM
Outcomes of Left Main PCI in Patients with Severe Aortic Stenosis
Speaker: Tarun Chakravarty, MD

10:07 AM
TAVR: Choosing the Right Valve
Speaker: Marvin Eng, MD

10:15 AM
Measuring Program Quality for TAVR -- The TVT Registry Approach
Speaker: David J. Cohen, MD, FSCAI

10:23 AM
Operator Radiation Exposure During Transfemoral TAVR (TAVORE)
Speaker: Richard Casazza, MAS

10:31 AM
TAVR-Induced LV Dyssynchrony: Comparative Analysis of Myocardial Strain and Electrocardiography
Speaker: Gordon Burke, MD

10:39 AM
Outcomes of Left Main PCI in Patients with Severe Aortic Stenosis
Speaker: Tarun Chakravarty, MD

10:47 AM
Aortic Stenosis: A Disease of the Valve or the Ventricle?
Speaker: Jeroen J. Bax, MD

10:55 AM
Aortic: Valve in Valve in Homograft - Things to Consider
Speaker: Jeffrey Southard, MD, FACC, FSCAI

11:03 AM
The Tempo® Lead: A New Standard of Care in Temporary Pacing
Speaker: Itsik Ben-Dor, MD

11:11 AM
A Dedicated Bipolar Left Ventricular Pacing Wire for TAVR
Speaker: John G. Webb, MD
Live Case from The Heart Hospital Baylor Plano - Richardson, TX

Live Case Operator: Molly Szerlip, MD
Moderator: Megan Coylewright, MD, MPH
Moderator: Richard J. Jabbour, MD
Moderator: John C. Messenger, MD
Panelist: Gordon Burke, MD
Panelist: Tarun Chakravarty, MD
Panelist: David J. Cohen, MD, FSCAI
Panelist: Marvin Eng, MD
Panelist: Bruce J. Rutkin, MD
Panelist: Satya Shreenivas, MD
Panelist: Jeffrey Southard, MD, FACC, FSCAI
Panelist: Robert Stoler, MD
Panelist: Pradeep Yadav, MD

12:00 PM
Adjourn
CRT Cardiogenic Shock
2/23/2020, 8:00 AM – 4:30 PM
Room: Potomac 1-3

Course Directors
Co-Course Director: Ezequiel J. Molina, MD
Co-Course Director: Srihari S. Naidu, MD, FSCAI
Co-Course Director: Holger Thiele, MD
Co-Course Director: Mitchell Krucoff, MD, FACC

Pathophysiology of Cardiogenic Shock
8:00 AM - 9:35 AM
8:00 AM
Pathophysiology of Cardiogenic Shock
Moderator: Jonathan Grinstein, MD
Moderator: Navin K. Kapur, MD, FSCAI

8:00 AM
Pathophysiology of Shock and Associated Syndromes
Speaker: Morton J. Kern, MD, MSCAI, FACC, FAHA

8:10 AM
RV Shock Pathophysiology and Management
Speaker: James A. Goldstein, MD, FSCAI

8:20 AM
Current Cardiovascular Management Tools & Best Practice for Shock: Pharmacotherapy Options
Speaker: Jonathan Grinstein, MD

8:30 AM
Cardiogenic Shock: Case Presentation
Speaker: Brian C. Case, MD

8:40 AM
Cardiogenic Shock: Case Presentation
Speaker: Magnus Ohman, MD, FRCPI, FESC, FACC, FSCAI

8:50 AM
Current Cardiovascular Management Tools & Best Practice for Shock: Surgical Options
Speaker: Ezequiel J. Molina, MD

9:00 AM
Review of Trials to Date in Cardiogenic Shock
Speaker: Holger Thiele, MD

9:10 AM
Panel Discussion: What Did We Learn for the Past 30 Years on the Treatment of Cardiogenic Shock?
Panel Moderator: Jonathan Grinstein, MD
Panel Moderator: Navin K. Kapur, MD, FSCAI
Panelist: Anna E. Bortnick, MD
Panelist: Morton J. Kern, MD, MSCAI, FACC, FAHA
Panelist: Ezequiel J. Molina, MD
Panelist: William W. O'Neill, MD, FACC
Panelist: Magnus Ohman, MD, FRCPI, FESC, FACC, FSCAI
Panelist: Holger Thiele, MD

Device Selection for Cardiogenic Shock
9:35 AM - 10:40 AM
9:35 AM
Device Selection for Cardiogenic Shock
Moderator: Timothy D. Henry, MD
Moderator: Navin K. Kapur, MD, FSCAI
Moderator: Ezequiel J. Molina, MD

9:35 AM
The Case for Durable LVADs: When is This Technology Appropriate in CS and What are the Results?
Speaker: Ezequiel J. Molina, MD
9:44 AM
The Case for Impella
Speaker: William W. O'Neill, MD, FACC

9:53 AM
The Case for ECMO
Speaker: Srihari S. Naidu, MD, FSCAI

10:02 AM
The Case for the Balloon Pump
Speaker: Morton J. Kern, MD, MSCAI, FACC, FAHA

10:11 AM
The Case for Cooling in Cardiogenic Shock
Speaker: Michael R. Mooney, MD, FSCAI

10:20 AM
Mechanical Ventilation in Patients in Cardiogenic Shock
Speaker: Carlos L. Alviar, MD, FACC

10:29 AM
Echo Guidance for Percutaneous Mechanical Support Devices
Speaker: Preetham Kumar, MD

Implementing Cardiogenic Shock Initiatives: Building the Shock Team
10:40 AM - 12:00 PM
10:40 AM
Implementing Cardiogenic Shock Initiatives: Building the Shock Team
Moderator: David E. Kandzari, MD, FACC, FSCAI
Moderator: Srihari S. Naidu, MD, FSCAI

10:40 AM
Clinical/Best Practice Perspective
Speaker: Alexander G. Truesdell, MD

10:50 AM
The Radial Shock Initiative
Speaker: Adhir Shroff, MD, MPH

11:00 AM
NCSI: Improving Outcomes in Cardiogenic Shock
Speaker: William W. O'Neill, MD, FACC

11:10 AM
Snuffbox Radial Access - A New Approach in Cardiogenic Shock?
Speaker: Ian C. Gilchrist, Sr., MD, FSCAI

11:20 AM
Shock Care Pathway
Speaker: Tanveer Rab, MD, FACC, FSCAI

11:30 AM
Cardiogenic Shock During High-Risk PCI
Speaker: George Dangas, MD, FACC, FSCAI

11:40 AM
Management of the Arrest Patient
Speaker: Timothy D. Henry, MD

11:50 AM
What Should Be the Clinical Endpoints in Clinical Trials' Lessons from the Past?
Speaker: Ian C. Gilchrist, Sr., MD, FSCAI

Break for Lunch - Program resumes at 1:40 PM
12:00 PM - 1:40 PM
12:00 PM
Break for Lunch - Program resumes at 1:40 PM
Clinical Trials’ Results in Shock Patients

1:40 PM - 4:30 PM

1:40 PM
Clinical Trials’ Results in Shock Patients
Moderator: Mitchell Krucoff, MD, FACC
Moderator: Michael R. Mooney, MD, FSCAI
Moderator: Sunil V. Rao, MD, FSCAI

1:40 PM
Observational Multicenter Registry of Patients Treated with Impella: The IMP-IT Registry Cardiogenic Shock and Hemodynamic Support Devices
Speaker: Alaide Chieffo, MD

1:50 PM
Major Learnings from IABP-SHOCK II and CULPRIT-SHOCK Trials
Speaker: Holger Thiele, MD

2:00 PM
Review of Emerging Devices for Shock Patients
Speaker: William T. Abraham, MD

2:10 PM
Optimal Pressors and Inotropes in Cardiogenic Shock
Speaker: Angela M. Taylor, MD, MS

2:20 PM
A System Approach for Cardiogenic Shock: University Hospitals & Cleveland’s 17-Hospital System
Speaker: Hiram G. Bezerra, MD, PhD

2:30 PM
STEMI with Cardiogenic Shock: Case Presentation
Speaker: Adhir Shroff, MD, MPH

2:40 PM
Understanding the Importance of Ventricular Unloading in Management of AMI and Cardiogenic Shock
Speaker: Navin K. Kapur, MD, FSCAI

2:50 PM
AMICS: Predictors of Survival in Patients with Acute Myocardial Infarction and Cardiogenic Shock Supported with a Percutaneous Left Ventricular Assist Device
Speaker: William W. O’Neill, MD, FACC

3:00 PM
Treating the Shock Patient: Choosing the Optimal Support Device – Harvey Simulation Hands-On PAC Use and Interpretation Interactive Training
Speaker: Navin K. Kapur, MD, FSCAI

3:10 PM
Axillary Artery Access for Mechanical Circulatory Support Devices in Patients with Prohibitive Peripheral Arterial Disease Presenting with Cardiogenic Shock
Speaker: Nelson L. Bernardo, MD, FSCAI

3:20 PM
How to Minimize Complications Utilizing Devices Like Impella and ECMO
Speaker: Perwaiz M. Meraj, MD, FSCAI

3:30 PM
Selective Cerebral Hypothermia in Cardiac Arrest
Speaker: Ronald J. Solar, PhD

3:40 PM
From Bench to Clinical Trial: A Novel Anti-Inflammatory Strategy for Treating Cardiogenic Shock
Speaker: Stephen E. Epstein, MD

3:50 PM
What Should the Next Shock Trials look Like? An FDA View
Speaker: John S. Sapirstein, MD
4:00 PM
Speaker: Mitchell Krucoff, MD, FACC

4:20 PM
Panel Discussion: Can We Improve the Net Survival of Patients with Cardiogenic Shock
Panel Moderator: Mitchell Krucoff, MD, FACC
Panel Moderator: Michael R. Mooney, MD, FSCAI
Panel Moderator: Sunil V. Rao, MD, FSCAI
Panelist: William T. Abraham, MD
Panelist: William W. O’Neill, MD, FACC
Panelist: Ileana L. Pina, MD, MPH
Panelist: John S. Sapirstein, MD
Panelist: Holger Thiele, MD

4:30 PM
Adjourn
CRT CaseTube (Non-CME) - Sponsored by Boston Scientific Corporation
2/23/2020, 9:00 AM – 4:45 PM
Room: CRT Cinema

CRT Presents – Sunday Morning CaseTubes [9:00 AM - 2:00 PM]

9:00 AM
CRT Presents – Sunday CaseTubes
Moderator: Sarkis Karamijyan, MD, FACC, FSCAI
Moderator: Sarang Mangalmurti, MD
Panelist: Joseph Brennan, MD
Panelist: Hani Jneid, MD
Panelist: Dharam J. Kumbhani, MD, SM
Panelist: Vikas K. Patel, MD

9:00 AM
Taped Live Case Discussion of Live Case from MedStar Washington Hospital Center – Washington, DC
Speaker: Itsik Ben-Dor, MD

10:00 AM
Taped Live Case Discussion #2 of Live Case from MedStar Washington Hospital Center – Washington, DC
Speaker: Itsik Ben-Dor, MD

10:30 AM
Break

11:19 AM
Live Broadcast Live Case: The Heart Hospital Baylor Plano - Plano, Texas [Molly Szerlip & Katherine Harrington]

12:40 PM
Live Broadcast Live Case: Golden Jubilee National Hospital - Glasgow, Scotland [Margaret Mcentegart]

2:00 PM
Adjourn

CRT Presents – Sunday Afternoon CaseTubes [2:30 PM - 4:45 PM]

2:30 PM
CRT Presents – Sunday CaseTubes
Moderator: Sarkis Karamijyan, MD, FACC, FSCAI
Moderator: Sarang Mangalmurti, MD
Panelist: Dharam J. Kumbhani, MD, SM
Panelist: Anwar Tandar, MD
Panelist: Joseph L. Thomas, MD

2:30 PM
Case One: Acute Mitral Apparatus Dimension Improvements Lead to Durable, Long Term Efficacy: Carillon Mitral Contour System
Speaker: Michael Haude, MD, PhD

3:00 PM
Case One: Question and Discussion

3:15 PM
Case Two: BASILICA
Speaker: Jaffar M. Khan, BMBCh

3:45 PM
Case Two: Question and Discussion

4:00 PM
Case Three: Cases of Mitral Valve Repair for Various Etiologies of Mitral Regurgitation
Speaker: Yong Han Kim, MD

4:30 PM
Case Three: Question and Discussion

4:45 PM
Adjourn
Tutorial and Case Review of Intravascular Imaging with Audience Response

8:00 AM - 10:15 AM

8:00 AM
Tutorial and Case Review of Intravascular Imaging with Audience Response
Moderator: Ziad Ali, MD, DPhil
Moderator: Gary S. Mintz, MD
Panelist: Hector M. Garcia-Garcia, MD, PhD
Panelist: Giulio Guagliumi, MD
Panelist: Akiko Maehara, MD
Panelist: Jasvinder Singh, MD

8:00 AM
Unusual LMCA Disease as Assessed by Intravascular Imaging: A Growing Case Series
Speaker: Gary S. Mintz, MD

8:20 AM
Interesting OCT Cases
Speaker: Giulio Guagliumi, MD

8:40 AM
Interesting NIRS Cases
Speaker: Hector M. Garcia-Garcia, MD, PhD

8:55 AM
Cases of Co-Registration
Speaker: Jasvinder Singh, MD

9:15 AM
Serial (Index and Event) OCT Analysis of the Causes of Stent Failure
Speaker: Akiko Maehara, MD

9:30 AM
Live Case from St Francis Hospital - Roslyn, NY
Live Case Operator: Richard Shlofmitz, MD
Moderator: Gary S. Mintz, MD
Moderator: Ziad Ali, MD, DPhil
Panelist: Anna E. Bortnick, MD
Panelist: Hector M. Garcia-Garcia, MD, PhD
Panelist: Giulio Guagliumi, MD
Panelist: Akiko Maehara, MD
Panelist: Steve Ramcharitar, MD, PhD
Panelist: Jasvinder Singh, MD
Panelist: Evan Shlofmitz, DO

Introduction to Intravascular Imaging

10:15 AM - 12:00 PM

10:15 AM
Introduction to Intravascular Imaging
Moderator: Hector M. Garcia-Garcia, MD, PhD
Moderator: Bruce Samuels, MD

10:15 AM
Practical Integration of Intravascular Imaging and Physiology into the Cath Lab in 2020
Speaker: Gary S. Mintz, MD

10:25 AM
Intravascular Imaging in the Left Main: IVUS or OCT?
Speaker: Giulio Guagliumi, MD
10:35 AM
Impact of IVUS-Guided DES Implantation for Patients with Chronic Kidney Disease: Insights from the ULTIMATE Trial
Speaker: Evan Shlofmitz, DO

10:45 AM
Role of Imaging in Calcified Disease
Speaker: Akiko Maehara, MD

10:55 AM
Precision PCI Using OCT
Speaker: Allen Jeremias, MD, FSCAI

11:05 AM
Imaging-Assisted Zero-Contrast PCI
Speaker: Ziad Ali, MD, DPhil

11:15 AM
The Role of OCT for Left Main Stenting
Speaker: Bernardo Cortese, MD, FESC

11:25 AM
Single Versus Double Crush Kissing Crush Techniques for the Left Main Coronary Artery Stenting: Serial Intravascular Ultrasound Comparisons of the Above Techniques
Speaker: Massoud Leesar, MD

11:35 AM
The Latest in Intravascular Imaging & Angiographic Co-Registration Technologies
Speaker: Bruce Samuels, MD

11:45 AM
Panel Discussion: Introduction to Intravascular Imaging
Panel Moderator: Hector M. Garcia-Garcia, MD, PhD
Panel Moderator: Bruce Samuels, MD
Panelist: Ziad Ali, MD, DPhil
Panelist: Enrico Cerrato, MD
Panelist: Bernardo Cortese, MD, FESC
Panelist: Giulio Guagliumi, MD
Panelist: Allen Jeremias, MD, FSCAI
Panelist: Massoud Leesar, MD
Panelist: Akiko Maehara, MD

Break for Lunch - Program resumes at 1:30 PM

12:00 PM - 1:30 PM
Break for Lunch - Program resumes at 1:30 PM

Imaging-Guided Coronary Intervention

1:30 PM - 4:15 PM

1:30 PM
Imaging-Guided Coronary Intervention
Moderator: Ik-Kyung Jang, MD, PhD
Moderator: Jonathon Leipsic, MD, FRCPC
Moderator: John C. Messenger, MD

1:30 PM
OCT-Guided PCI for Bifurcation Lesions
Speaker: Takashi Akasaka, MD, PhD

1:40 PM
The Role of IVUS in CTOs
Speaker: Dimitri Karmpaliotis, MD, PhD, FSCAI

1:50 PM
Characteristics of Calcified Lesions with Intravascular Imaging and Treatment Approach
Speaker: Giora Weisz, MD
2:00 PM
Intracoronary Near-Infrared Spectroscopy: The Role for NIRS in Detecting Vulnerable Plaques and Vulnerable Patients
Speaker: Ryan D. Madder, MD

2:10 PM
Why Imaging Is Mandatory for In-Stent Restenosis: A Second Chance to Get it Right!
Speaker: Evan Shlofmitz, DO

2:20 PM
ILUMIEN IV Study Rationale and Update
Speaker: Ziad Ali, MD, DPhil

2:30 PM
IMPROVE Study Design and Objective
Speaker: Ron Waksman, MD, FSCAI

2:40 PM
Co- and Tri-Registration of Imaging, Physiology and Angiography: Critical to Appropriate Intervention
Speaker: Jasvindar Singh, MD

2:50 PM
Molecular imaging in 2020: An Update and Overview
Speaker: Michael H. Joner, MD

3:00 PM
Use of Novel Dynamic Coronary Roadmap for PCI Guidance
Speaker: John C. Messenger, MD

3:10 PM
The Future of FFRCT in Clinical Practice: New Data, New Studies
Speaker: Jonathon Leipsic, MD, FRCPC

3:20 PM
Detecting Vulnerable Plaque and Stratifying Risk with CTA
Speaker: U. Joseph Schoepf, MD

3:30 PM
OCT-Derived FFR
Speaker: Hiram G. Bezerra, MD, PhD

3:40 PM
Role of Imaging in Diagnosis and Optimal Treatment of Spontaneous Coronary Artery Dissection
Speaker: Enrico Cerrato, MD

3:50 PM
Panel Discussion: Imaging-Guided Coronary Intervention
Panel Moderator: Jonathon Leipsic, MD, FRCPC
Panel Moderator: John C. Messenger, MD
Panelist: Hiram G. Bezerra, MD, PhD
Panelist: Enrico Cerrato, MD
Panelist: Dimitri Karmpaliotis, MD, PhD, FSCAI
Panelist: Jasvindar Singh, MD
Panelist: Giora Weisz, MD

4:15 PM
Adjourn
CRT Innovations HUB (Non-CME) - Sponsored by Abbott

2/23/2020, 9:00 AM – 1:12 PM
Room: Innovations HUB

Course Directors
Co-Course Director: Daniel Burkhoff, MD, PhD
Co-Course Director: Selma F. Mohammed, MD, PhD
Co-Course Director: Mark A. Turco, MD
Co-Course Director: George W. Vetrovec, MD, MACC, MSCAI

Innovations in Heart Failure
9:00 AM - 10:19 AM
9:00 AM
Innovations in Heart Failure
Moderator: Daniel Burkhoff, MD, PhD
Moderator: Selma F. Mohammed, MD, PhD
Moderator: George W. Vetrovec, MD, MACC, MSCAI

9:00 AM
Keynote Lecture: Imaging in HFpEF
Speaker: Jeroen J. Bax, MD

9:15 AM
Cardiac Contractility Modulation for HFrEF and HFmrEF
Speaker: William T. Abraham, MD

9:23 AM
Atrial-Flow-Regulator for Treatment of Heart Failure
Speaker: Hans R. Figulla, MD, PhD

9:31 AM
Renal Denervation for the Treatment of Heart Failure
Speaker: Justin E. Davies, MD, PhD

9:39 AM
Implantable Devices for Pulmonary Hypertension
Speaker: William T. Abraham, MD

9:47 AM
Diagnosis and Treatment Options for RV Shock
Speaker: James A. Goldstein, MD, FSCAI

9:55 AM
Innovations in Stem Cell Therapy for Heart Failure
Speaker: Selma F. Mohammed, MD, PhD

10:03 AM
ORION II Study with RNAi: Novel Approach to Therapy with PCSK9 Inhibitors - Take-Home Message
Speaker: David Kallend, MD

10:11 AM
Transcatheter Intra-atrial Shunt Device for Treatment of Heart Failure
Speaker: Daniel Burkhoff, MD, PhD

Cath Lab Innovations [10:19 AM - 12:02 PM]
10:19 AM
Cath Lab Innovations
Moderator: Steven R. Bailey, MD, MSCAI
Moderator: Haim Danenberg, MD
Moderator: Mark A. Turco, MD

10:19 AM
Keynote Lecture: Is There a Cath Lab of the Future?
Speaker: Hans Bonnier, MD, PhD, FSCAI
10:42 AM
Implantable Ischemia and MI Detection: Now FDA Approved and a Reality
Speaker: Tim A. Fischell, MD, FACC

10:52 AM
Novel Assessment of the Coronary Microvasculature
Speaker: Robert S. Schwartz, MD, FACC, FSCAI

11:02 AM
Evolving Innovations for Cardiac Rhythm Management
Speaker: Stuart Schecter, MD, FACC, FASE

11:12 AM
The Digital Health Revolution in the Cardiovascular Field
Speaker: Haim Danenberg, MD

11:22 AM
Imaging Modalities in a Cath Lab Suite
Speaker: Alpesh Shah, MD

11:32 AM
A Novel Device for Elimination of Operator Radiation Exposure
Speaker: James A. Goldstein, MD, FSCAI

11:42 AM
Evolution of Cardiovascular Robotics
Speaker: Rafael Beyar, MD, DSc, MPH

11:52 AM
Innovations in Cardiovascular Interventions: Anti-Thrombotic Potential of a Novel Hybrid Inorganic/Organic Coating (Polyzene-F)
Speaker: Perwaiz M. Meraj, MD, FSCAI

Potpourri of Cardiology: From Innovation to Practice [12:02 PM - 1:12 PM]

12:02 PM
Potpourri of Cardiology: From Innovation to Practice
Moderator: Haim Danenberg, MD; Moderator: Tim A. Fischell, MD, FACC; Moderator: Robert S. Schwartz, MD, FACC, FSCAI

12:02 PM
Keynote Lecture: New Innovations from Israel Start-Up Nation: Report from ICI 2019
Speaker: Haim Danenberg, MD

12:17 PM
Sensing Autonomic Neural Activity - Novel Applications
Speaker: Robert S. Schwartz, MD, FACC, FSCAI

12:25 PM
State of the Art: Invasive and Noninvasive Technologies for Monitoring Congestion
Speaker: William T. Abraham, MD

12:33 PM
Structural Heart Innovation from Israel
Speaker: Haim Danenberg, MD

12:41 PM
Latest Innovation in the Endovascular Intervention Field
Speaker: William A. Gray, MD, FSCAI

12:48 PM
Impact of Social Media on Medical Device Innovation
Speaker: Charles A. Simonton, MD, FACC, FSCAI

12:56 PM
Pulmonary Artery Denervation Rational Technology and Clinical Update
Speaker: Ori Ben-Yehuda, MD

1:04 PM
Microvascular Obstruction: Update on Diagnosis and Therapy
Speaker: Robert S. Schwartz, MD, FACC, FSCAI

1:12 PM
Adjourn
CRT Legend Presentations (Non-CME)  
**2/23/2020, 10:00 AM – 5:00 PM**  
**Room: Legends Park - CRT Village**  

**CRT Legends Park (Non-CME) - Sunday Morning**  
**Moderator:** Michael A. Gaglia, Jr., MD, MSc  
**Moderator:** Ziyad Ghazzal, MD  
**Moderator:** Moritz C. Wyler von Ballmoos, MD, PhD  

**10:00 AM**  
Eberhard Grube  
**Faculty:** Eberhard Grube, MD, FSCAI  

**10:20 AM**  
Questions for the Speaker  

**10:45 AM**  
George Vetrovec  
**Faculty:** George W. Vetrovec, MD, MACC, MSCAI  

**11:05 AM**  
Questions for the Speaker  

**11:30 AM**  
Lars Svensson  
**Faculty:** Lars G. Svensson, MD, PhD  

**11:50 AM**  
Questions for the Speaker  

**12:00 PM**  
Renu Virmani  
**Speaker:** Renu Virmani, MD  

**12:20 PM**  
Questions for the Speaker  

**CRT Legend Presentations (Non-CME) - Sunday Afternoon**  
**2:00 PM - 5:00 PM**  

**CRT Legends Park (Non-CME) - Sunday Afternoon**  
**Moderator:** Michael A. Gaglia, Jr., MD, MSc  
**Moderator:** Ziyad Ghazzal, MD  
**Moderator:** Moritz C. Wyler von Ballmoos, MD, PhD  

**2:00 PM**  
Morton Kern  
**Faculty:** Morton J. Kern, MD, MSCAI, FACC, FAHA  

**2:20 PM**  
Questions for the Speaker  

**2:45 PM**  
Gregg Stone  
**Faculty:** Gregg W. Stone, MD, FSCAI  

**3:05 PM**  
Questions for the Speaker  

**3:30 PM**  
Dean Kereiakes  
**Faculty:** Dean J. Kereiakes, MD, FACC, FSCAI  

**3:50 PM**  
Questions for the Speaker
4:00 PM
Spencer King
Faculty: Spencer B. King, III, MD, MACC

4:20 PM
Questions for the Speaker

4:30 PM
Steven Bailey

4:50 PM
Questions for the Speaker

5:00 PM
Adjourn
Mitral Valve Basic

8:00 AM - 10:55 AM

8:00 AM
Mitral Valve Basic
Moderator: Steven Bolling, MD
Moderator: Steven Goldstein, MD FACC FASE

8:09 AM
What is the Echo Gold Standard to Measure Mitral Regurgitation?
Speaker: Steven Goldstein, MD FACC FASE

8:18 AM
Guiding TMVR with CT - Can CT Eliminate the Risk of LVOT Obstruction Post-TMVR?
Speaker: Dee Dee Wang, MD

8:27 AM
Degenerative MR: The Surgical Landscape Volumes, Techniques and Early & Late Outcomes
Speaker: Lars G. Svensson, MD, PhD

8:36 AM
Echo Prognosticators in Functional Mitral Regurgitation
Speaker: Anthony DeMaria, MD

8:45 AM
Utility of Fusion Imaging Now and in the Future for Transcatheter Mitral and Tricuspid Procedures
Speaker: Yuriy Dudiy, MD

8:56 AM
Repair of Degenerative MR: Who Are the Inoperable Patients with DMR and FMR?
Speaker: Thierry G. Mesana, MD, PhD

9:05 AM
Too Many Mitral Options? An Algorithm for Finding the Right Therapies for your Patient
Speaker: Creighton W. Don, MD

9:14 AM
Alcohol Ablation for LVOT Modification in TMVR
Speaker: Pradeep Yadav, MD

9:23 AM
How to Prevent LVOT Obstruction with the LAMPOON Technique
Speaker: Jaffar M. Khan, BMBCh

9:32 AM
Percutaneous Paravalvular Leak Closure: Step-by-Step
Speaker: Carlos E. Ruiz, MD, PhD, MSCAI, FACC

9:41 AM
Why the Results of MITRA-FR Differ from COAPT - The Echo Core Lab Perspectives
Speaker: Federico M. Asch, MD

9:50 AM
MitraClip Treatment of Secondary MR in Heart Failure: New Results from COAPT
Speaker: Gregg W. Stone, MD, FSCAI
How Do We Move Forward in a COAPT World?
Speaker: Steven Goldberg, MD, FSCAI, FACC

1-year Outcomes of Valve-in-MAC in MITRAL Trial - Have we Made Enough Progress?
Speaker: Mayra E. Guerrero, MD, FACC, FSCAI

My Take on These Studies
Speaker: Steven Bolling, MD

Panel Discussion: What Should Be the Impact of MITRA-FR and COAPT on Mitral Repair for FMR?
Panel Moderator: Steven Bolling, MD
Panel Moderator: Steven Goldberg, MD FACC FASE
Panelist: Yuriy Dudiy, MD
Panelist: Marvin Eng, MD
Panelist: Mayra E. Guerrero, MD, FACC, FSCAI
Panelist: Thierry G. Mesana, MD, PhD
Panelist: Carlos E. Ruiz, MD, PhD, MSCAI, FACC
Panelist: Gregg W. Stone, MD, FSCAI
Panelist: Lars G. Svensson, MD, PhD
Panelist: Dee Dee Wang, MD

Percutaneous Mitral Valve Technologies
10:55 AM - 12:30 PM

Mitral Cerclage Annuloplasty Update
Speaker: Robert J. Lederman, MD

Neochord Device Design and Clinical Trials Update
Speaker: Christian Shults, MD

Pascal Device and CLASP IID Trial Update
Speaker: Scott Lim, MD

Millipede, Technology and Clinical Update of the First Adjustable, Retrievable Transcatheter Complete Mitral Annuloplasty Ring
Speaker: Susheel K. Kodali, MD, FACC

Carillon Device and Trial Update
Speaker: Michael Haude, MD, PhD

Panel Discussion: Percutaneous Valve Repair – Is There a Winner?
Panel Moderator: Howard C. Herrmann, MD, FACC, MSCAI
Panel Moderator: Samir R. Kapadia, MD, FSCAI
Panel Moderator: Hendrik Treede, MD
Panelist: Steven Bolling, MD
Panelist: Michael Haude, MD, PhD
Panelist: Susheel K. Kodali, MD, FACC
Panelist: Robert J. Lederman, MD
Panelist: Scott Lim, MD
Panelist: Christian Shults, MD
Power Break Symposium: The Essentials on Mitral Clip: Treating Mitral Regurgitation, Addressing Patient Selection and Therapy in Complex Valvular Heart Disease - Supported by an educational grant from Abbott

12:30 PM - 1:30 PM

Mitral Valve-In-Valve
1:30 PM - 2:00 PM

1:30 PM
Mitral Valve-In-Valve
Moderator: Samir R. Kapadia, MD, FSCAI
Moderator: Christian Shults, MD
Moderator: Moritz C. Wyler von Ballmoos, MD, PhD

1:30 PM
Transcatheter Approaches to Prosthetic Mitral Valve Failure and Paravalvular Leaks: Tips and Tricks
Speaker: Yuriy Dudiy, MD

1:45 PM
1-year Outcomes of Transseptal MViV and MViR in MITRAL Trial - Comparison with Prior Registries
Speaker: Mayra E. Guerrero, MD, FACC, FSCAI

Percutaneous Mitral Valve Replacement Technology and Clinical Outcome Update
2:00 PM - 4:00 PM

2:00 PM
Percutaneous Mitral Valve Replacement Technology and Clinical Outcome Update
Moderator: Sammy Elmariah, MD, MPH
Moderator: John M. Lasala, MD, PhD, MSCAI

2:00 PM
TMVR in MAC Devices and Clinical Outcomes
Speaker: Mayra E. Guerrero, MD, FACC, FSCAI

2:08 PM
SAPIEN M3 TMVR Clinical Update
Speaker: John G. Webb, MD

2:16 PM
Status of the Apollo Trial INTREPID, Clinical Results and Next Steps
Speaker: Michael Reardon, MD

2:24 PM
TIARA: Design, Clinical Results and Next Steps
Speaker: Danny Dvir, MD

2:32 PM
EVOQUE TMVR
Speaker: Howard C. Herrmann, MD, FACC, MSCAI

2:40 PM
TENDYN: Technology Update and Results from the EFS Trial
Speaker: Paul Sorajja, MD

2:48 PM
Update on Sutra HemiValve
Speaker: Susheel K. Kodali, MD, FACC

2:56 PM
Lessons from the CAISSON Program
Speaker: Steven J. Yakubov, MD, FACC, MSCAI

3:04 PM
CARDIOVALVE: Attributes Challenges and Early Clinical Data
Speaker: Azeem Latib, MD
3:12 PM
How to Select Different Devices for Different Anatomy for Mitral Regurgitation?
Speaker: Samir R. Kapadia, MD, FSCAI

3:20 PM
ALTAVALVE: Attributes Challenges and Future Program
Speaker: Philippe Généreux, MD

3:28 PM
Panel Discussion: What Is the Best Management of MR-Percutaneous Valve Repair or Replacement?
Panel Moderator: Sammy Elmariah, MD, MPH
Panel Moderator: John M. Lasala, MD, PhD, MScAI
Panelist: Alaide Chieffo, MD
Panelist: Danny Dvir, MD
Panelist: Philippe Généreux, MD
Panelist: Eberhard Grube, MD, FSCAI
Panelist: Mayra E. Guerrero, MD, FACC, FSCAI
Panelist: Michael Reardon, MD
Panelist: Paul Sorajja, MD
Panelist: John G. Webb, MD
Panelist: Steven J. Yakubov, MD, FACC, MScAI

4:00 PM
Adjourn
CRT Valve Tricuspid
2/23/2020, 2:00 PM – 5:20 PM
Room: National Harbor 2-3

Course Directors
Co-Course Director: Steven Bolling, MD
Co-Course Director: Azeem Latib, MD
Co-Course Director: Scott Lim, MD
Co-Course Director: Ron Waksman, MD, FSCAI

Tricuspid Valve: New Frontiers
2:00 PM - 5:20 PM
2:00 PM
Tricuspid Valve: New Frontiers
Moderator: Steven Bolling, MD
Moderator: Maurice Buchbinder, MD, FSCAI

2:00 PM
The INTREPID Valve for Severe Tricuspid Regurgitation: Case Experience
Speaker: Vinayak N. Bapat, FRCS(CTh)

2:15 PM
Natural History of Severe Secondary Tricuspid Regurgitation
Speaker: Jeroen J. Bax, MD

2:30 PM
I TriCinch (4Tech) Technology Update and Clinical Experience
Speaker: Vinayak N. Bapat, FRCS(CTh)

2:38 PM
Advanced Imaging for TV Procedural Planning
Speaker: Joao L. Cavalcante, MD, FACC

2:46 PM
TEE for Intraprocedural Tricuspid Clipping
Speaker: Dee Dee Wang, MD

2:54 PM
Indications for and Outcomes of Surgical Management of Tricuspid Valve Disease
Speaker: Steven Bolling, MD

3:02 PM
Tricuspid Replacement - Lessons for Transcatheter Therapies from Surgical Experience
Speaker: Jason Wasfy, MD

3:10 PM
A Novel Concept of Direct Reduction of AP Diameter of Tricuspid Annulus for Functional TR
Speaker: Valavanur A. Subramanian, MD

3:18 PM
3D ICE for Tricuspid Annular Interventions
Speaker: Scott Lim, MD

3:26 PM
Transcatheter Therapy for Severe TR Heterotopic Valve Implant
Speaker: Ramon Quesada, FACP, FACC, FSCAI

3:34 PM
Edge to Edge for Tricuspid Regurgitation
Speaker: Azeem Latib, MD

3:42 PM
Navigate - Solution for Tricuspid Valve Regurgitation
Speaker: Samir R. Kapadia, MD, FSCAI

3:50 PM
Valve-In-Valve and Valve-In-Ring for Tricuspid Valve Failure
Speaker: John G. Webb, MD
3:58 PM  
CARDIOBAND for Tricuspid Regurgitation Lessons Learned  
Speaker: Scott Lim, MD

4:06 PM  
Tricuspid Therapies: What to Choose and When to Intervene?  
Speaker: Karim Al-Azizi, MD, FACC, FSCAI

4:14 PM  
Novel Tricuspid Dedicated Percutaneous Valve (Trisol)  
Speaker: Giora Weisz, MD

4:22 PM  
EVOQUE Tricuspid Valve Replacement  
Speaker: John G. Webb, MD

4:30 PM  
The Feasibility and Rationale for the TRILUMINATE II Pivotal Study Update  
Speaker: Paul Sorajja, MD

4:38 PM  
Mirtalix FIM for Tricuspid Insufficiency  
Speaker: Haim Danenberg, MD

4:46 PM  
Navigating Pacemaker Lead Challenges in Tricuspid Clipping  
Speaker: Tilak K. R Pasala, MD

4:54 PM  
Transcatheter Tricuspid Adjustable Annuloplasty  
Speaker: Carlos E. Ruiz, MD, PhD, MSCAI, FACC

5:02 PM  
Panel Discussion: How Should We Proceed with Tricuspid Valve Interventions?  
Panel Moderator: Steven Bolling, MD  
Panel Moderator: Maurice Buchbinder, MD, FSCAI  
Panelist: Karim Al-Azizi, MD, FACC, FSCAI  
Panelist: Jeroen J. Bax, MD  
Panelist: Joao L. Cavalcante, MD, FACC  
Panelist: Azeem Latib, MD  
Panelist: Ramon Quesada, FACP, FACC, FSCA  
Panelist: Carlos E. Ruiz, MD, PhD, MSCAI, FACC  
Panelist: Valavanur A. Subramanian, MD  
Panelist: Giora Weisz, MD

5:20 PM  
Adjourn
Module I: Introduction to CTO
8:00 AM - 10:04 AM

8:00 AM
Module I: Introduction to CTO
Moderator: Robert Gallino, MD
Moderator: William L. Lombardi, MD
Moderator: Alpesh Shah, MD

8:00 AM
Live Case from Golden Jubilee National Hospital - Glasgow, United Kingdom
Live Case Operator: Margaret Mcentegart, MD PhD
Moderator: Carlo Di Mario, MD
Moderator: Robert Gallino, MD
Panelist: Khaldoon Alaswad, MD, FACC, FSCAI
Panelist: Emmanouil S. Brilakis, MD, PhD
Panelist: Tarek Helmy, MD, FACC, FSCAI
Panelist: William L. Lombardi, MD
Panelist: Manish A. Parikh, MD
Panelist: Barry D. Rutherford, MD
Panelist: Alpesh Shah, MD
Panelist: Gerald S. Werner, MD, PhD, FSCAI

9:00 AM
How to Learn CTO PCI and Become an Independent Operator: A Perspective for the Young Interventionalists
Speaker: Barry D. Rutherford, MD

9:08 AM
CTO for Relief of Angina and Fatigue
Speaker: Carlo Di Mario, MD

9:16 AM
CTO PCI - How the Hybrid Approach Works
Speaker: Emmanouil S. Brilakis, MD, PhD

9:24 AM
Management of Long SFA-Popliteal CTOs in 2020
Speaker: Larry J. Diaz Sandoval, MD

9:32 AM
Update on the Results from the New Trials - Where is the Evidence for CTO Revascularization?
Speaker: Gerald S. Werner, MD, PhD, FSCAI

9:40 AM
Out-of-the-Box Approach to CTO
Speaker: Khaldoon Alaswad, MD, FACC, FSCAI

9:48 AM
What is the CTO Score?
Speaker: Aisha Siraj, MD

9:56 AM
Real-Time CT Fusion to Guide CTO PCI
Speaker: Farouc A. Jaffer, MD, PhD
Module II: Antegrade Approach

10:04 AM - 10:44 AM
10:04 AM
Module II: Antegrade Approach
Moderator: Ramesh Daggubati, MD, FACC, FSCAI
Moderator: Carlo Di Mario, MD
Moderator: Manish A. Parikh, MD

10:04 AM
Guidewire and Microcatheter Selection for Antegrade Approach
Speaker: Mitul Patel, MD

10:12 AM
Parallel Wire Technique - A Revival with New-Generation Wires
Speaker: Gerald S. Werner, MD, PhD, FSCAI

10:20 AM
How to Manage Proximal Cap and Distal Ambiguity in CTO PCI
Speaker: Masahisa Yamane, MD

10:28 AM
Antegrade Fenestration and Re-Entry: Alternative Antegrade CTO Crossing Technique
Speaker: Lorenzo Azzalini, MD, PhD, MSc

10:36 AM
Modern Approach to Antegrade Dissection Reentry
Speaker: Robert W. Yeh, MD, MSc

Module III: Retrograde Approach

10:44 AM - 11:32 AM
10:44 AM
Module III: Retrograde Approach
Moderator: Khaldoon Alaswad, MD, FACC, FSCAI
Moderator: Barry D. Rutherford, MD
Moderator: Robert W. Yeh, MD, MSc

10:44 AM
Retrograde Basics: How to Pick a Collateral and Which Wire to Cross With
Speaker: Masahisa Yamane, MD

10:53 AM
Retrograde Basics: All-Important Steps to a Successful Retrograde Case
Speaker: Carlo Di Mario, MD

11:02 AM
Wire and Support Catheter Selection for Retrograde and Antegrade Approach
Speaker: Kusum Lata, MD, FSCAI

11:11 AM
Retrograde Technique/Epicardial Collaterals/Bypass Grafts: Step-by-Step Approach
Speaker: Bill Nicholson, MD

11:20 AM
What Hemodynamic Support Device Works Better for CTO PCI?
Speaker: Khaldoon Alaswad, MD, FACC, FSCAI

Power Break Symposium: Managing Complex and High-Risk Patients: Innovative Advances and Case-Based Strategies - Supported by an educational grant from Boston Scientific Corporation

11:32 AM - 12:40 PM
11:32 AM
Managing Complex and High-Risk Patients: Innovative Advances and Case-Based Strategies
Module IV: CTO Live Case
12:40 PM - 2:00 PM

12:40 PM
Live Case from University of Scotland
Live Case Operator: Margaret Mcentegart, MD PhD
Moderator: Nelson L. Bernardo, MD, FSCAI
Moderator: David E. Kandzari, MD, FACC, FSCAI
Moderator: William L. Lombardi, MD

Panelist:
- Emmanouil S. Brilakis, MD, PhD
- Robert Gallino, MD
- Bill Nicholson, MD
- Manish A. Parikh, MD
- Bradley H. Strauss, MD, PhD
- Gerald S. Werner, MD, PhD, FSCAI
- Masahisa Yamane, MD

Module V: CTO and Imaging
2:00 PM - 2:20 PM

2:00 PM
How to Apply MSCT to CTO PCI/ Practical Considerations
Speaker: Gerald S. Werner, MD, PhD, FSCAI

2:10 PM
IVUS-Guided CTO
Speaker: John McB Hodgson, MD, MSCAI

Module VI: CTO Problem Solvers
2:20 PM - 5:00 PM

2:20 PM
Rare Complication of CTO intervention
Speaker: Barry D. Rutherford, MD

2:30 PM
What to Do When the Wire is Across the Cap, but the Device Won't Follow
Speaker: Javier A. Valle, MD, MSCS

2:40 PM
How to Manage the Impenetrable Proximal Cap
Speaker: Masahisa Yamane, MD

2:50 PM
How to Get Out of a Side Branch for Antegrade Dissection and Re-Entry - My Past Approaches
Speaker: Kate E. Kearney, MD

3:00 PM
Trouble Shooting the rCART: When the Wire Does Not Connect
Speaker: Khaldoon Alaswad, MD, FACC, FSCAI

3:10 PM
How to Manage Hematoma Antegrade (STRAW to Cutting Balloon)
Speaker: Bill Nicholson, MD
When Is a Second (or Third) Try Worth Attempting in Failed CTO PCI?  
Speaker: Michael Ragosta, MD

What to Do When the Micro-Catheter Won't Cross the Collateral: Septal and Epicardial  
Speaker: Rajan Patel, MD

What to Do When the Micro-Catheter Won't Pull Back from the Collateral Septal and Epicardial  
Speaker: Masahisa Yamane, MD

How to Manage the Impenetrable Cap Retrograde  
Speaker: Khaldoon Alaswad, MD, FACC, FSCAI

Afternoon Stretch Break and Time Check

Radiation Protection in Complex CTO PCI  
Speaker: Sanjit S. Jolly, MD, MSc

CTO Intervention via SVG Conduits  
Speaker: Bill Nicholson, MD

How to Minimize the Risk of Contrast-Induced Nephropathy During CTO PCI  
Speaker: Lorenzo Azzalini, MD, PhD, MSc

Reverse CART Isn’t Working  
Speaker: Bill Nicholson, MD

CTO PCI for STEMI Any Value  
Speaker: Kevin Croce, MD, PHD

Module VII: CTO New Technology

Managing Performance with Embolization Techniques - Coil with Gel-Foam - With Fat Pad, Thrombin Patch  
Speaker: Nelson L. Bernardo, MD, FSCAI

Coronary CTO Antegrade Recanalization: A Shorter, Easier Treatment for In-Stent Re-Occlusion with the CROSSLOCK Device  
Speaker: Rich R. Heuser, MD, MSCAI

Panel Discussion: What Does the Technology Hold for CTO?  
Panel Moderator: Charles Davidson, MD  
Panel Moderator: Rich R. Heuser, MD, MSCAI  
Panelist: Nelson L. Bernardo, MD, FSCAI  
Panelist: Gerald S. Werner, MD, PhD, FSCAI

Adjourn
Late-Breaking Trials: Session I [Sunday]
2/23/2020, 4:25 PM – 5:25 PM
Room: Potomac A/B

Late Breaking Trials: Session I [Sunday]
Panel Moderator: Cindy L. Grines, MD, FACC, MSCAI
Panel Moderator: David J. Moliterno, MD
Panel Moderator: Sunil V. Rao, MD, FSCAI
Panelist: Alexandre A. Abizaid, MD, PhD
Panelist: Michael Haude, MD, PhD
Panelist: James B. Hermiller, MD, FACC, MSCAI
Panelist: Valeria Paradies, MD

4:25 PM
Ultrathin Bioresorbable Polymer Sirolimus-eluting Stents Versus Thin Durable Polymer Everolimus-Eluting Stents in Patients Undergoing Coronary Revascularization: Three-year Outcomes from The Randomized BIOFLOW V Trial
Speaker: David E. Kandzari, MD, FACC, FSCAI

4:35 PM
Discussion

4:45 PM
Predictors and Implications of Periprocedural Myocardial Infarction from the Onyx One Global Study
Speaker: Azeem Latib, MD

4:55 PM
Discussion

5:05 PM
Pattern of Antiplatelet Therapy During Non-Cardiac Surgery in Patients with Second-generation Drug-Eluting Stents
Speaker: Jung-Sun Kim, MD

5:15 PM
Discussion

5:25 PM
Adjourn

Meet the Experts - TAVR - Supported by an educational grant from Boston Scientific Corporation
2/23/2020, 5:00 PM – 6:00 PM
Room: Lower Atrium

Meet the Experts - TAVR
Moderator: Dee Dee Wang, MD

5:00 PM
Case Presentation #1
Speaker: Dee Dee Wang, MD

5:15 PM
Case Presentation #2
Speaker: Nicolas M. Van Mieghem, MD, PhD, FESC, FACC

5:30 PM
Case Presentation #3
Speaker: Robert P. Gooley, PhD, MBBS, MBA

5:45 PM
Panel Discussion
Panelist: Robert P. Gooley, PhD, MBBS, MBA
Panelist: Dee Dee Wang, MD

6:00 PM
Adjourn
Nurses & Technologists
2/23/2020, 8:00 AM – 5:25 PM
Room: Potomac A/B

Course Directors
Co-Course Director: Nancy Bruce, BSN, MBA CENP
Co-Course Director: Kenneth A. Gorski, BSN, RCIS
Co-Course Director: Dionne P. Ross, MSN, RN

Session I: Cath Lab of 2020 and Beyond
8:00 AM - 9:35 AM

8:00 AM
Session I: Cath Lab of 2020 and Beyond
Moderator: Nancy Bruce, BSN, MBA CENP
Moderator: Kenneth A. Gorski, BSN, RCIS
Moderator: Dionne P. Ross, MSN, RN

8:00 AM
Welcome and Introduction
Speaker: Kenneth A. Gorski, BSN, RCIS

8:05 AM
Patients’ Reported Outcomes (PROMs) in Cardiovascular Medicine
Speaker: Ran Kornowski, MD

8:14 AM
What Are the Cath Lab Financial Challenges in 2020 and How to Deal with Them?
Speaker: Michael Guiry, PA-C, MBA

8:23 AM
Value-Based Health Care in the Cath Lab of the Future
Speaker: Hans Bonnier, MD, PhD, FSCAI

8:32 AM
How to Optimize and Improve Patient Care Through Your Relationship with Device Manufacturers
Speaker: Charles A. Simonton, MD, FACC, FSCAI

8:41 AM
The New Educational Guidelines for Cath Lab Personnel
Speaker: Jeff Davis, RRT, RCIS

8:50 AM
Improving Quality in the Cardiac Cath Lab: A Primer for Nurses and Technologists
Speaker: Christina M. Emrich, MS, RN

8:59 AM
Management of Conscious Sedations and Other Medications in the Cath Lab
Speaker: Kenneth A. Gorski, BSN, RCIS

9:08 AM
How to Look for Vascular Disease from Head to Foot
Speaker: Khusrow A. Niazi, MD, FACC, FSCAI

9:17 AM
Panel Discussion: How to Manage Cath Lab Challenges in 2020 and Beyond
Panel Moderator: Nancy Bruce, BSN, MBA CENP
Panel Moderator: Kenneth A. Gorski, BSN, RCIS
Panel Moderator: Dionne P. Ross, MSN, RN
Panelist: Hans Bonnier, MD, PhD, FSCAI
Panelist: Jeff Davis, RRT, RCIS
Panelist: Christina M. Emrich, MS, RN
Panelist: Michael Guiry, PA-C, MBA
Panelist: Ran Kornowski, MD
Panelist: Khusrow A. Niazi, MD, FACC, FSCAI
Panelist: Charles A. Simonton, MD, FACC, FSCAI
Session II: STEMI and Cardiogenic Shock
9:35 AM - 10:30 AM
9:35 AM
Session II: STEMI and Cardiogenic Shock
Moderator: Kenneth A. Gorski, BSN, RCIS
Moderator: Michael Guiry, PA-C, MBA
Moderator: Dionne P. Ross, MSN, RN

9:35 AM
What Do You Need to Know About Shock Management in the Cath Lab?
Speaker: William W. O'Neill, MD, FACC

9:45 AM
Management of an Unstable Patient in the Cath Lab: Use of Hemodynamic Support
Speaker: Fayaz Shawl, MD, FACC, FACP, FSCAI

9:55 AM
Essential Hemodynamics in the Cath Lab that Make Life Saving Decisions
Speaker: Morton J. Kern, MD, MSCAI, FACC, FAHA

10:05 AM
LVAD and ECMO in the Cath Lab - What Do You Need to Know?
Speaker: Ezequiel J. Molina, MD

10:15 AM
Panel Discussion: STEMI and Cardiogenic Shock
Panel Moderator: Kenneth A. Gorski, BSN, RCIS
Panel Moderator: Michael Guiry, PA-C, MBA
Panel Moderator: Dionne P. Ross, MSN, RN
Panelist: Nancy Bruce, BSN, MBA CENP
Panelist: Morton J. Kern, MD, MSCAI, FACC, FAHA
Panelist: Ezequiel J. Molina, MD
Panelist: William W. O'Neill, MD, FACC
Panelist: Fayaz Shawl, MD, FACC, FACP, FSCAI
Panelist: Holger Thiele, MD

Session III: Contemporary Therapies
10:30 AM - 11:45 AM
10:30 AM
Session III: Contemporary Therapies
Moderator: Nancy Bruce, BSN, MBA CENP
Moderator: Johanna D. Evans, RN, MSN
Moderator: Kenneth A. Gorski, BSN, RCIS

10:30 AM
Physiologic Assessment: Advantages and Pitfalls
Speaker: Allen Jeremias, MD, FSCAI

10:38 AM
Catheter-Based Options for Treating Pulmonary Embolus
Speaker: Jay Giri, MD, MPH

10:46 AM
How to Integrate Invasive Imaging to the Work Flow in the Lab
Speaker: Gary S. Mintz, MD

10:54 AM
How to Prepare Your Lab for Treatment of Vascular Complications
Speaker: Nelson L. Bernardo, MD, FSCAI

11:02 AM
Optimizing Left Radial Ergonomics: Techniques, Technologies and Same Day PCI
Speaker: Richard Casazza, MAS

11:10 AM
What Are the Key Take Away’s From ISCHEMIA
Speaker: John Spertus, MD
11:18 AM
Radiation Safety in the Cath lab Is Not Just for Cardiologists: What Nurses and Techs Need to Know to Maximize Safety
Speaker: Ryan D. Madder, MD

11:26 AM
Panel Discussion: Contemporary Therapies
Panel Moderator: Nancy Bruce, BSN, MBA CENP
Panel Moderator: Johanna D. Evans, RN, MSN
Panel Moderator: Kenneth A. Gorski, BSN, RCIS
Panelist: Nelson L. Bernardo, MD, FSCAI
Panelist: Richard Casazza, MAS
Panelist: Jay Giri, MD, MPH
Panelist: Allen Jeremias, MD, FSCAI
Panelist: Gary S. Mintz, MD
Panelist: John Spertus, MD
Panelist: John C. Wang, MD, MSc, FSCAI

Power Break Symposium: Women & Heart Symposium: Women in Interventional Cardiology - Stories of Success - Supported by an educational grant from Abbott
11:45 AM - 1:45 PM
11:45 AM
Women & Heart Symposium: Women in Interventional Cardiology: Stories of Success

Session IV: Women in Interventional Cardiology Live Case - The Heart Hospital Baylor Plano - Plano, Texas
1:45 PM - 2:30 PM
1:45 PM
Session IV: Women in Interventional Cardiology Live Case - The Heart Hospital Baylor Plano - Plano, Texas
Live Case Operator: Molly Szerlip, MD
Moderator: J. Dawn Abbott, MD
Moderator: Alexandra J. Lansky, MD, FSCAI
Moderator: Cindy L. Grines, MD, FACC, MScAI
Panelist: S. Elissa Altin, MD
Panelist: Anita W. Asgar, MD, FACC
Panelist: Suzanne J. Baron, MD, MSc
Panelist: Marianne Brodmann, MD
Panelist: Megan Coylewright, MD, MPH
Panelist: Kendra J. Grubb, MD
Panelist: Mayra E. Guerrero, MD, FACC, FSCAI
Panelist: Sasanka Jayasuriya, MD, FACC, FASE, FSCAI
Panelist: Akiko Maehara, MD
Panelist: Roxana Mehran, MD, FACC, FSCAI
Panelist: Sheila Sahni, MD
Panelist: Kimberly A. Skelding, MD, FACC, FSCAI
Panelist: Angela M. Taylor, MD, MS
Panelist: Dee Dee Wang, MD

Session V: Structural Heart
2:30 PM - 3:33 PM
2:30 PM
Session V: Structural Heart
Moderator: Kenneth A. Gorski, BSN, RCIS
Moderator: Petros Okubagzi, MD
Moderator: Michael Slack, MD, FSCAI

2:30 PM
Why Should We Close Left Atrial Appendage PFO and Other Holes and with Which Device?
Speaker: Michael Slack, MD, FSCAI

2:38 PM
Challenges and Management Research Versus Commercial Devices: The Cleveland Clinic Model
Speaker: Samir R. Kapadia, MD, FSCAI
Advances in Transcatheter Mitral Valve Repair and Replacement
Speaker: James B. Hermiller, MD, FACC, MSCAI

What Are the Determinants of Fast-Track Patients Post-Structural? How to Keep Open Beds!
Speaker: Nancy Bruce, BSN, MBA CENP

Novel Access Routes for Structural Heart Intervention: Transcarotid Transcaval Transaxillary and More
Speaker: Toby Rogers, MD, PhD

The Clinician’s Role in Shared Decision Making: Time for a New Paradigm? Patient Choice?
Speaker: Megan Coylewright, MD, MPH

Panel Discussion: Structural Heart
Panel Moderator: Kenneth A. Gorski, BSN, RCIS
Panel Moderator: Michael Slack, MD, FSCAI
Panel Moderator: Petros Okubagzi, MD
Panelist: Nancy Bruce, BSN, MBA CENP
Panelist: Megan Coylewright, MD, MPH
Panelist: James B. Hermiller, MD, FACC, MSCAI
Panelist: Samir R. Kapadia, MD, FSCAI
Panelist: Toby Rogers, MD, PhD

Session VI: Accreditation, Education and Quality
3:33 PM - 5:25 PM

Complications: Clinical Responsibility, Documentation and Legal Considerations
Speaker: Clifford L. DeBruce, RN, LNC

Materials Management in the Cath Lab/Value Analysis Committee
Speaker: Nancy Bruce, BSN, MBA CENP

Should Cardiologists be Managing Diabetic Patients?
Speaker: Marsha Holton, CCRN-K, RCIS,FSICP

Quality Initiatives Do Make a Difference: Quality Data and How the Cath Lab Staff Can Help
Speaker: Christina M. Emrich, MS, RN

Panel Discussion: Accreditation, Education and Quality
Panel Moderator: William B. Bachinsky, MD, FACC, FSCAI
Panel Moderator: Kenneth A. Gorski, BSN, RCIS
Panel Moderator: Marsha Holton, CCRN-K, RCIS,FSICP
Panelist: Nancy Bruce, BSN, MBA CENP
Panelist: Clifford L. DeBruce, RN, LNC
Panelist: Christina M. Emrich, MS, RN

Closing Remarks
Speaker: Kenneth A. Gorski, BSN, RCIS

Late Breaking Trials: Session I [Sunday]

Adjourn
Access Complications Case-Based Session

8:00 AM - 9:20 AM

8:00 AM
Access Complications Case-Based Session
Moderator: Nelson L. Bernardo, MD, FSCAI
Moderator: Eric J. Dippel, MD
Moderator: Aravinda Nanjundappa, MD, FSCAI

8:00 AM
Welcome & Introduction
Speaker: Nelson L. Bernardo, MD, FSCAI

8:05 AM
Case Presentation of Vascular Complication and Bailout
Case Presenter: Nelson L. Bernardo, MD, FSCAI

8:10 AM
Case Presentation Panel Discussion
Panelist: John Fritz Angle, MD
Panelist: Tyrone J. Collins, MD, MSCAI
Panelist: Carlos Mena, MD
Panelist: Khusrow A. Niazi, MD, FACC, FSCAI
Panelist: Mitul Patel, MD
Panelist: Venkatesh Ramaiah, MD, FACS
Panelist: Michael J. Singh, MD, FACS, RPVI

8:20 AM
Radial Access for Peripheral Interventions Case II
Case Presenter: Tyrone J. Collins, MD, MSCAI

8:25 AM
Case Presentation Panel Discussion
Panelist: John Fritz Angle, MD
Panelist: Tyrone J. Collins, MD, MSCAI
Panelist: Carlos Mena, MD
Panelist: Khusrow A. Niazi, MD, FACC, FSCAI
Panelist: Mitul Patel, MD
Panelist: Venkatesh Ramaiah, MD, FACS
Panelist: Michael J. Singh, MD, FACS, RPVI

8:35 AM
Preventing Access Complications
Speaker: John Fritz Angle, MD

8:43 AM
Management of Retroperitoneal Bleeding
Speaker: Michael S. Lee, MD, FACC, FSCAI

8:51 AM
SFA Revascularization: Imaging-Based Strategies
Speaker: Constantino Peña, MD

8:59 AM
Alternative Access in Endovascular Intervention
Speaker: Javier A. Valle, MD, MSCS
Peripheral CTO Disease

9:20 AM - 10:20 AM

9:20 AM
Peripheral CTO Disease
Moderator: Nelson L. Bernardo, MD, FSCAI
Moderator: D. Christopher Metzger, MD, FSCAI, FACC

9:20 AM
Challenging SFA CTO Case
Speaker: Khusrow A. Niazi, MD, FACC, FSCAI

9:28 AM
Antegrade and Retrograde Access Strategies for SFA CTO
Speaker: Michael J. Singh, MD, FACS, RPVI

9:36 AM
Re-Entry Devices – Which and How?
Speaker: D. Christopher Metzger, MD, FSCAI, FACC

9:44 AM
Iliac Artery CTO – Antegrade or Retrograde Approach: What Should Be the Algorithm?
Speaker: Tyrone J. Collins, MD, MSCAI

9:52 AM
Success for Complex Peripheral CTO: Hybrid Radial and Tibia Pedal Access
Speaker: Wah Wah Htun, MD

10:00 AM
IVUS for SFA CTOs
Speaker: Scott Kinlay, MBBS, PhD

10:08 AM
Discussion: What Is New for CTO in the Periphery?
Panel Moderator: Nelson L. Bernardo, MD, FSCAI
Panel Moderator: D. Christopher Metzger, MD, FSCAI, FACC
Panelist: Wah Wah Htun, MD
Panelist: Scott Kinlay, MBBS, PhD
Panelist: Khusrow A. Niazi, MD, FACC, FSCAI
Panelist: Michael J. Singh, MD, FACS, RPVI

Prevention and Treatment of In-Stent Restenosis

10:20 AM - 11:15 AM

10:20 AM
Prevention and Treatment of In-Stent Restenosis
Moderator: Krishna J. Rocha-Singh, MD, FACC
Moderator: Thomas Zeller, MD

10:20 AM
What Is the Ideal Treatment Strategy for Femoropopliteal ISR: Laser, DCB, DES or Covered Stents?
Speaker: Eric J. Dippel, MD

10:28 AM
When Should We Still Use DCB or DES with PTX for Fem-Pop Tibial Interventions?
Speaker: William A. Gray, MD, FSCAI

10:36 AM
Is There Still a Role for DCB as the Default Device for SFA Intervention?
Speaker: Jihad A. Mustapha, MD, FACC
10:48 AM
SFA Interventions: The Future
Speaker: Carlos Mena, MD

10:56 AM
Panel Discussion: What Are the Implications of the FDA Statements of the SCB utilization for Femoropopliteal Arterial Disease?
Panel Moderator: Krishna J. Rocha-Singh, MD, FACC
Panel Moderator: Thomas Zeller, MD
Panelist: Eric J. Dippel, MD
Panelist: Carlos Mena, MD
Panelist: Jihad A. Mustapha, MD, FACC

Things to Know: Pharmacotherapy and Catheter-Based Therapy - Part One

11:15 AM - 11:55 AM

11:15 AM
Things to Know: Pharmacotherapy and Catheter-Based Therapy - Part One
Moderator: Tyrone J. Collins, MD, MSCAI
Moderator: Ion S. Jovin, MD
Moderator: Michael Wholey, MD, MBA, FSCAI

11:15 AM
Treatment of Calcified Common and Deep Femoral Arteries
Speaker: Michael S. Lee, MD, FACC, FSCAI

11:23 AM
Popliteal Artery Aneurysm – Covered Stent or Surgery?
Speaker: Karina Arguello, MD

11:31 AM
The Myriad Utility of Covered Stents
Speaker: Rajesh Malik, MD, FACS

11:39 AM
Snaring – Techniques for Success
Speaker: Tyrone J. Collins, MD, MSCAI

11:47 AM
Jetstream Atherectomy: Data, Tips and Tricks
Speaker: Nicolas W. Shammas, MD, MS

Benefits of IVUS in Peripheral Treatment: More Informed Decision Making to Guide Your Arterial and Venous Treatment - Supported by an educational grant from Philips Image Guided Therapy Devices

11:55 AM - 12:55 PM

11:55 AM
Benefits of IVUS in Peripheral Treatment: More Informed Decision Making to Guide Your Arterial and Venous Treatment

Arterial Disease of the Aorta and Its Branches

12:55 PM - 1:59 PM

12:55 PM
Arterial Disease of the Aorta and Its Branches
Moderator: John M. Bacharach, MD
Moderator: Saher Sabri, MD
Moderator: Christopher J. White, MD, MACC, MSCAI

12:55 PM
Axillary Access Tutorial
Speaker: Amir Kaki, MD, FACC, FSCAI

1:03 PM
Subclavian Artery Intervention
Speaker: D. Christopher Metzger, MD, FSCAI, FACC
Endovascular Treatment of Subclavian Occlusion Case Presentation
Speaker: Scott Kinlay, MBBS, PhD

ABCs of Carotid Stenting - How to Start and Should You Start?
Speaker: James Stephen Jenkins, MD

Renal Artery Stenting: Who Should Get It and How to Perform?
Speaker: Herbert D. Aronow, MD, MPH

Thoracic Central Vein Obstruction: Indications and Options for Treatment
Speaker: Saher Sabri, MD

Celiac Artery and Mesenteric Artery Intervention
Speaker: John M. Bacharach, MD

Management Algorithm for Aortic Dissection
Speaker: Abdullah A. Alfawaz, MD, FRCSC

Pulmonary Embolism: Overview and the Role for Interventional Cardiology

Pulmonary Embolism: Overview and the Role for Interventional Cardiology
Moderator: Christopher F. Barnett, MD
Moderator: kenneth Rosenfield, MD, MHCDS
Moderator: Rachel Rosovsky, MD, MPH

Pulmonary Embolism: Challenges and Opportunities
Speaker: Rachel Rosovsky, MD, MPH

Mechanical Treatment for Submassive and Massive PE - Case Presentation
Speaker: Mahir Elder, MD

Current Guidelines for the Management of PE
Speaker: Michael R. Jaff, DO

Fixing Removal of IVC Filters
Speaker: Constantino Peña, MD

Tools and Tricks: Devices and Approaches for PE Intervention
Speaker: Saher Sabri, MD

Endovascular Embolectomy for Acute PE
Speaker: Jay Giri, MD, MPH

Appropriate Use of IVC Filters in Venous Thromboembolism
Speaker: Gregory Piazza, MD

Panel Discussion: Pulmonary Embolism
Panel Moderator: Christopher F. Barnett, MD
Panel Moderator: kenneth Rosenfield, MD, MHCDS
Panel Moderator: Rachel Rosovsky, MD, MPH
Panelist: Mahir Elder, MD
Panelist: Jay Giri, MD, MPH
Panelist: Michael R. Jaff, DO
Panelist: Constantino Peña, MD
Panelist: Gregory Piazza, MD
Panelist: Saher Sabri, MD
Aortic Aneurysmal Disease
3:10 PM - 4:30 PM
3:10 PM
Aortic Aneurysmal Disease
Moderator: Nelson L. Bernardo, MD, FSCAI
Moderator: Michael J. Singh, MD, FACS, RPVI
Moderator: Michael C. Stoner, MD

3:10 PM
Aortic Dissection Post-TAVR Case Presentation
Speaker: J. James Edelman, MD, PhD

3:18 PM
EVAR Is the Preferred Method of Repair for Ruptured AAA Despite the Clinical Trials
Speaker: Michael C. Stoner, MD

3:26 PM
Understanding Type A and Type B Aortic Dissection
Speaker: Abdullah A. Alfawaz, MD, FRCSC

3:34 PM
EVAR: Diagnosis and Management of Endoleaks
Speaker: Michael J. Singh, MD, FACS, RPVI

3:42 PM
Tips and Tricks for Chimney Grafts
Speaker: Venkatesh Ramaiah, MD, FACS

3:50 PM
TEVAR – Dissections & Aneurysms
Speaker: Christian Shults, MD

3:58 PM
How to Start an Endovascular AAA Program as a Cardiologist
Speaker: Javier A. Valle, MD, MSCS

4:06 PM
Type B Aortic Dissection: TEVAR Does Not Prevent Growth
Speaker: Abdullah A. Alfawaz, MD, FRCSC

4:14 PM
Panel Discussion: Aortic Aneurysmal Disease
Panel Moderator: Nelson L. Bernardo, MD, FSCAI
Panel Moderator: Michael J. Singh, MD, FACS, RPVI
Panel Moderator: Michael C. Stoner, MD
Panelist: Abdullah A. Alfawaz, MD, FRCSC
Panelist: J. James Edelman, MD, PhD
Panelist: Venkatesh Ramaiah, MD, FACS
Panelist: Christian Shults, MD

Things to Know: Pharmacotherapy and Catheter-Based Therapy - Part Two
4:30 PM - 4:54 PM
4:30 PM
Things to Know: Pharmacotherapy and Catheter-Based Therapy - Part Two
Moderator: Tyrone J. Collins, MD, MSCAI
Moderator: Ion S. Jovin, MD
Moderator: Michael Wholey, MD, MBA, FSCAI

4:30 PM
Anticoagulation in Endovascular Interventions
Speaker: Ion S. Jovin, MD

4:38 PM
Systemic Versus Catheter Directed Lysis for Antithrombotic Therapy Acute Arterial Thrombosis
Speaker: Madhan Shanmugasundaram, MD, FACC, FSCAI

4:46 PM
NOACs for PAD and Update on Best PAD Antithrombotic Therapy
Speaker: Manesh Patel, MD, FSCAI
Vein Management

4:54 PM - 5:42 PM

4:54 PM
Vein Management
Moderator: Cameron Akbari, MD, MBA
Moderator: Saher Sabri, MD
Moderator: Peter A. Soukas, MD, FSCAI

4:54 PM
Evidence for Interventional Therapy for DVT
Speaker: Peter A. Soukas, MD, FSCAI

5:02 PM
Chronic Venous Insufficiency
Speaker: Khusrow A. Niazi, MD, FACC, FSCAI

5:10 PM
Catheter-Based Treatment of DVT – Who and When?
Speaker: John Fritz Angle, MD

5:18 PM
Recanalization of Central Venous Total Occlusions & Venous Reconstruction
Speaker: Steve D. Abramowitz, MD

5:26 PM
Thermal and Non-Thermal Treatment of Saphenous Vein Reflux
Speaker: Michael J. Singh, MD, FACS, RPVI

5:34 PM
Primer Closing Remarks
Speaker: Nelson L. Bernardo, MD, FSCAI

5:42 PM
Adjourn
Renal Denervation and Hypertension Therapies (Non-CME)

2/23/2020, 9:00 AM – 4:15 PM
Room: Gruentzig Theater

Course Directors
Co-Course Director: Felix Mahfoud, MD
Co-Course Director: Vasilios Papademetriou, MD, DSc

Renal Denervation Treatment for Uncontrolled Hypertension: Innovative Technology Update
9:00 AM - 10:40 AM
9:00 AM
Renal Denervation Treatment for Uncontrolled Hypertension: Innovative Technology Update
Moderator: Rich R. Heuser, MD, MSCAI
Moderator: Felix Mahfoud, MD

9:00 AM
Cardiac Neuromodulation Therapy for Medically Refractory Hypertension
Speaker: Daniel Burkhoff, MD, PhD

9:10 AM
Chemical Renal Denervation with Ethanol Clinical Trial Update
Speaker: Felix Mahfoud, MD

9:20 AM
RDN for HREF in a Swine Model
Speaker: James Stephen Jenkins, MD

9:30 AM
Transcatheter Carotid Body Denervation (Cibiem): First-in-Man Results and Future Directions
Speaker: Felix Mahfoud, MD

9:40 AM
The Verve Non-Vascular Device for Treating Uncontrollable Hypertension
Speaker: Rich R. Heuser, MD, MSCAI

9:50 AM
Sensing Renal Nerve Activity Before, During and After Denervation: SyMAP
Speaker: Jie Wang, MD, PhD

10:00 AM
Potential Interventions for Hypertensive Patients with HFpEF
Speaker: William T. Abraham, MD

10:10 AM
RDN Procedure with the ReCor Paradise Technology: Anatomy, Treatment Location, Procedure and Standardization
Speaker: Felix Mahfoud, MD

10:20 AM
Panel Discussion: Innovative Technology Update: Have We Optimized the Technology?
Panel Moderator: Daniel Burkhoff, MD, PhD
Panel Moderator: Rich R. Heuser, MD, MSCAI
Panel Moderator: Felix Mahfoud, MD
Panelist: William T. Abraham, MD
Panelist: James Stephen Jenkins, MD
Panelist: Jie Wang, MD, PhD

Hypertension Definition, Pathophysiology, New Targets and Medical Therapy
10:40 AM - 12:00 PM
10:40 AM
Hypertension Definition, Pathophysiology, New Targets and Medical Therapy
Moderator: Robert S. Schwartz, MD, FACC, FSCAI
Moderator: Judith Veis, MD
10:40 AM
What Is Optimal Drug Therapy of Hypertension? Step-by-Step Guidance
Speaker: Judith Veis, MD

10:48 AM
Procedural and Anatomical Determinants of Multi-Electrode Renal Denervation: Preclinical Versus Clinical
Speaker: Abraham R. Tzafriri, PhD

10:56 AM
Update on the SPYRAL Renal Artery Denervation Trials
Speaker: William B. Bachinsky, MD, FACC, FSCAI

11:04 AM
Science and Myths Behind Device-Based Technology
Speaker: Alok V. Finn, MD

11:12 AM
The New US Hypertension Guidelines – What Do I Need to Know?
Speaker: William S. Weintraub, MD

11:20 AM
Uncontrolled Hypertension Management Issues: Adherence, Testing and Difficult to Control Patients – Tips and Tricks
Speaker: Michael Weber, MD

11:28 AM
Gender and Race Disparities for Essential Hypertension - Do they Exist?
Speaker: Ileana L. Pina, MD, MPH

11:36 AM
Panel Discussion: Is There an Unmet Need for Device-Based Renal Denervation?
Panel Moderator: Robert S. Schwartz, MD, FACC, FSCAI
Panel Moderator: Judith Veis, MD
Panelist: William B. Bachinsky, MD, FACC, FSCAI
Panelist: Alok V. Finn, MD
Panelist: Ileana L. Pina, MD, MPH
Panelist: Abraham R. Tzafriri, PhD
Panelist: Michael Weber, MD
Panelist: William S. Weintraub, MD

Power Break Symposium: Advances in the SPYRAL HTN Clinical Program - Sponsored by Medtronic
12:00 PM - 1:15 PM
12:00 PM
Power Break Symposium: Advances in the SPYRAL HTN Clinical Program

Renal Denervation: New Data from the Latest Pilot Trials
1:15 PM - 3:00 PM
1:15 PM
Renal Denervation: New Data from the Latest Pilot Trials
Moderator: Vasilios Papademetriou, MD, DSc
Moderator: Michael Weber, MD

1:15 PM
Results and Update from the SPYRAL Hypertension Program (OFF-MED and ON-MED Trials)
Speaker: David E. Kandzari, MD, FACC, FSCAI

1:25 PM
Results and Update from the PARADISE Hypertension Ultrasound Renal Denervation: Program (SOLO and TRIO studies)
Speaker: Ajay J. Kirtane, MD, SM, FACC

1:35 PM
Update on Target BP Trials Program Chemical Renal Denervation: Lessons Learned
Speaker: Felix Mahfoud, MD

1:45 PM
Ongoing Efforts Identifying Predictors of Response to Renal Denervation for Hypertension
Speaker: John P. Reilly, MD
1:55 PM
Potential Role of Renal Denervation in Management of Atrial Fibrillation
Speaker: Tim A. Fischell, MD, FACC

2:05 PM
Effect of Intensive Blood Pressure Control on the Brain, the Mind, the Heart and the Kidney: Lessons from SPRINT
Speaker: Vasilios Papademetriou, MD, DSc

2:15 PM
Update on the CFDA Registration/Pivotal Trial
Speaker: Jie Wang, MD, PhD

2:25 PM
Device-Based Technology and Procedural Advances – Different Technologies’ Procedural Insights
Speaker: Justin E. Davies, MD, PhD

2:36 PM
Panel Discussion: What Is the Take-Home Message from the Latest Clinical Data?
Panel Moderator: Vasilios Papademetriou, MD, DSc
Panel Moderator: Michael Weber, MD
Panelist: Justin E. Davies, MD, PhD
Panelist: Tim A. Fischell, MD, FACC
Panelist: David E. Kandzari, MD, FACC, FSCAI
Panelist: Ajay J. Kirtane, MD, SM, FACC
Panelist: Felix Mahfoud, MD
Panelist: John P. Reilly, MD
Panelist: Robert S. Schwartz, MD, FACC, FSCAI
Panelist: Jie Wang, MD, PhD

Future of Renal Denervation Studies and Clinical Implementation

3:00 PM
Future of Renal Denervation Studies and Clinical Implementation
Moderator: Felix Mahfoud, MD
Moderator: Vasilios Papademetriou, MD, DSc

3:00 PM
Is Renal Denervation Ready for Clinical Practice in the USA?
Speaker: David E. Kandzari, MD, FACC, FSCAI

3:09 PM
Procedural Success Marker: Practicality Versus Need
Speaker: Felix Mahfoud, MD

3:18 PM
Identifying the Ideal Renal Denervation Patient
Speaker: David E. Kandzari, MD, FACC, FSCAI

3:27 PM
Is There an Unmet Need for Device Treatment for Moderate Hypertension?
Speaker: Judith Veis, MD

3:36 PM
What Are the FDA Parameters for Pivotal Successful Study Design for Device Approval for Hypertension Therapy?
Speaker: Meir Shinnar, MD PhD

3:45 PM
Cost Analysis and Consideration
Speaker: William S. Weintraub, MD

3:54 PM
Panel Discussion: What Does the Future Hold for Renal Denervation Studies and Implementation in Clinical Practice in the USA?
Panel Moderator: Felix Mahfoud, MD
Panel Moderator: Vasilios Papademetriou, MD, DSc
Panelist: David E. Kandzari, MD, FACC, FSCAI
Panelist: Ajay J. Kirtane, MD, SM, FACC
Panelist: Judith Veis, MD
Panelist: William S. Weintraub, MD

4:15 PM Adjourn
Morning Symposium: Coronary Physiology & Imaging: Turning Doubt into Conviction - Sponsored by Boston Scientific Corporation

2/23/2020, 6:30 AM – 7:55 AM
Room: National Harbor 10-11

Coronary Physiology & Imaging: Turning Doubt into Conviction
Moderator: Morton J. Kern, MD, MSCAI, FACC, FAHA

6:30 AM
Breakfast

6:45 AM
Welcome & Introduction
Speaker: Morton J. Kern, MD, MSCAI, FACC, FAHA

6:50 AM
Top Ten Reasons I Hate FFR
Speaker: Morton J. Kern, MD, MSCAI, FACC, FAHA

7:00 AM
Non-Culprit Lesions in STEMI: How, When & Why to Treat
Speaker: William F. Fearon, MD

7:10 AM
IVUS vs HD-IVUS: What Kind of Television Do You Watch?
Speaker: Ziad Ali, MD, DPhil

7:20 AM
How HD-IVUS Showed Me a New Perspective & Changed My Case…For The Better
Speaker: Akiko Maehara, MD

7:30 AM
Panel Discussion
Panel Moderator: Morton J. Kern, MD, MSCAI, FACC, FAHA
Panelist: Ziad Ali, MD, DPhil
Panelist: William F. Fearon, MD
Panelist: Akiko Maehara, MD

7:45 AM
Closing Remarks
Speaker: Morton J. Kern, MD, MSCAI, FACC, FAHA

7:55 AM
Adjourn
Morning Symposium: CRT Valve & Structural Heart for the Surgeon: Session I
2/23/2020, 6:45 AM – 7:50 AM
Room: National Harbor 2-3

CRT Valve & Structural Heart for the Surgeon: Session I
Moderator: Niv Ad, MD
Moderator: Isaac George, MD
Moderator: Christian Shults, MD

6:45 AM
Breakfast

7:00 AM
Surgical Repair for Mitral Valve Prolapse in DMR: One Technique Does Not Fit All
Speaker: Thierry G. Mesana, MD, PhD

7:10 AM
Combination of Techniques for Interventional Mitral Valve Repair - Lessons Learned from Surgery
Speaker: Hendrik Treede, MD

7:20 AM
Robotic Mitral Surgery
Speaker: Michael Halkos, MD

7:30 AM
Transatrial Valve-In-MAC Imaging and Techniques
Speaker: Isaac George, MD

7:40 AM
Panel Discussion: Percutaneous Mitral Valve Repair Versus Replacement: What Will Be the Dominant Procedure?
Panel Moderator: Niv Ad, MD
Panel Moderator: Isaac George, MD
Panel Moderator: Christian Shults, MD
Panelist: Mayra E. Guerrero, MD, FACC, FSCAI
Panelist: Michael Halkos, MD
Panelist: Thierry G. Mesana, MD, PhD
Panelist: Hendrik Treede, MD

7:50 AM
Adjourn
Morning Symposium: Negotiating Fellowships: Life During, Life After (Non-CME)
2/23/2020, 6:30 AM – 7:55 AM
Room: National Harbor 4-5

Co-Course Director
Co-Course Director: Hayder D. Hashim, MD

Negotiating Fellowships: Life During, Life After
6:30 AM - 7:55 AM
6:30 AM
Breakfast

6:30 AM
Negotiating Fellowships: Life During, Life After
Moderator: Rani K. Hasan, MD MHS
Moderator: Hayder D. Hashim, MD

6:45 AM
Welcome & Introduction
Speaker: Hayder D. Hashim, MD

6:50 AM
Finding Your “Dream” Job
Speaker: Hayder D. Hashim, MD

7:00 AM
Jobs in Academia
Speaker: Rani K. Hasan, MD MHS

7:10 AM
Jobs in Private Practice
Speaker: Alexander G. Truesdell, MD

7:20 AM
Bridging the Two Worlds: Surviving Your First Year
Speaker: Hayder D. Hashim, MD

7:30 AM
Billing, Business Building +/- Investing
Speaker: Yuval Dan Bar-Or, PhD

7:40 AM
Panel Discussion: Negotiating Fellowships: Life During, Life After
Panel Moderator: Rani K. Hasan, MD MHS
Panel Moderator: Hayder D. Hashim, MD
Panelist: Yuval Dan Bar-Or, PhD
Panelist: Michael W. Cleman, MD
Panelist: William O. Suddath, MD, MSc
Panelist: Alexander G. Truesdell, MD

7:50 AM
Closing Remarks
Speaker: Hayder D. Hashim, MD

7:55 AM
Adjourn
Power Break Symposium: Advances in the SPYRAL HTN Clinical Program - Sponsored by Medtronic

2/23/2020, 12:00 PM – 1:15 PM
Room: Gruentzig Theater

Advances in the SPYRAL HTN Clinical Program - Sponsored by Medtronic
Moderator: David E. Kandzari, MD, FACC, FSCAI

12:00 PM
Lunch

12:15 PM
Data and Science Revisited
Speaker: David E. Kandzari, MD, FACC, FSCAI

12:25 PM
Review of the Latest RDN Evidence
Speaker: Felix Mahfoud, MD

12:35 PM
Addressing the Population Questions – Interesting Case Profiles in RDN
Speaker: Justin E. Davies, MD, PhD

12:45 PM
Optimizing the RDN Procedure: The SPYRAL DYSTAL Trial
Speaker: Andrew SP Sharp, MD

12:55 PM
Questions and Answers
Panel Moderator: David E. Kandzari, MD, FACC, FSCAI
Panelist: Justin E. Davies, MD, PhD
Panelist: Felix Mahfoud, MD
Panelist: Andrew SP Sharp, MD

1:10 PM
Summary & Wrap Up
Power Break Symposium: Benefits of IVUS in Peripheral Treatment: More Informed Decision Making to Guide Your Arterial and Venous Treatment - Supported by an educational grant from Philips Image Guided Therapy Devices

Room: National Harbor 4-5

Benefits of IVUS in Peripheral Treatment: More Informed Decision Making to Guide Your Arterial and Venous Treatment
Moderator: Bryan T. Fisher, Sr., MD
Moderator: Sarang Mangalmurti, MD

11:55 AM
Lunch

12:15 PM
IVUS And Angiography, A Whole That Is Greater Than the Sum of Its Parts?
Speaker: Vinay Satwah, DO, RPVI

12:25 PM
IVUS and How It Should Influence Your Treatment Plans
Speaker: Bryan T. Fisher, Sr., MD

12:35 PM
IVUS and Where To Begin Using It In Arterial and Venous Cases
Speaker: Sarang Mangalmurti, MD

12:45 PM
Case Reviews: See How IVUS Makes A Difference in Venous and Arterial Treatments
Speaker: Eric J. Dippel, MD

12:55 PM
Adjourn
Power Break Symposium: Integrating NIRS in Clinical Practice - Supported by an educational grant from Nipro Company

2/23/2020, 12:30 PM – 1:30 PM
Room: National Harbor 12-13

Integrating NIRS in Clinical Practice
Moderator: Takashi Akasaka, MD, PhD
Moderator: Ryan D. Madder, MD
Moderator: Ron Waksman, MD, FSCAI

12:30 PM
Lunch

12:45 PM
Case That NIRS IVUS Useful to Guide Stenting and Therapy
Speaker: John McB Hodgson, MD, MSCAI

12:53 PM
Review of Early Clinical Experience and Trials With NIRS
Speaker: Ryan D. Madder, MD

1:01 PM
From LRP to Prospect II, How the Emerging Data Will Support Routine Usage of NIRS to Detect Vulnerable Patients and Plaques
Speaker: Carlo Di Mario, MD

1:09 PM
Current Usage of NIRS in Japan
Speaker: Takashi Akasaka, MD, PhD

1:17 PM
Panel Discussion: Integrating NIRS in Clinical Practice
Panel Moderator: Takashi Akasaka, MD, PhD
Panel Moderator: Ryan D. Madder, MD
Panel Moderator: Ron Waksman, MD, FSCAI
Panelist: Carlo Di Mario, MD
Panelist: James A. Goldstein, MD, FSCAI
Panelist: John McB Hodgson, MD, MSCAI

1:30 PM
Adjourn
Power Break Symposium: Managing Complex and High-Risk Patients: Innovative Advances and Case-Based Strategies - Supported by an educational grant from Boston Scientific Corporation

2/23/2020, 11:32 AM – 12:40 PM
Room: Potomac D

Managing Complex and High-Risk Patients: Innovative Advances and Case-Based Strategies
Moderator: Roxana Mehran, MD, FACC, FSCAI

11:32 AM
Lunch

11:45 AM
Innovation in Precision Interventional Cardiology: The Present & The Future
Speaker: Roxana Mehran, MD, FACC, FSCAI

11:55 AM
CT-Guided CTO PCI: Resolving Cap Ambiguity in a Single Approach Case
Speaker: Farouc A. Jaffer, MD, PhD

12:05 PM
Reducing Radiation in Your Most Complex Patients and the REDEFINE Study
Speaker: Emmanouil S. Brilakis, MD, PhD

12:15 PM
New Advances in Avoiding Complications - Single Site Access in Impella-Assisted CTO PCI
Speaker: Jason Wollmuth, MD

12:25 PM
Panel Discussion: Managing Complex and High-Risk Patients: Innovative Advances and Case-Based Strategies
Panel Moderator: Roxana Mehran, MD, FACC, FSCAI
Panelist: Emmanouil S. Brilakis, MD, PhD
Panelist: Farouc A. Jaffer, MD, PhD
Panelist: Jason Wollmuth, MD

12:40 PM
Adjourn

Power Break Symposium: Optimizing Efficiency in TAVR: Perspectives from Program Directors - Sponsored by Teleflex

2/23/2020, 12:00 PM – 1:15 PM
Room: Baim Theater

12:00 PM - 1:15 PM
12:00 PM
Optimizing Efficiency in TAVR: Perspectives from Program Directors - Sponsored by Teleflex
Speaker: Nicolas M. Van Mieghem, MD, PhD, FESC, FACC
Speaker: Philippe Généreux, MD
Speaker: Paul D. Mahoney, MD, FACC
Speaker: Bruce J. Rutkin, MD
Power Break Symposium: The Essentials on Mitral Clip: Treating Mitral Regurgitation, Addressing Patient Selection and Therapy in Complex Valvular Heart Disease - Supported by an educational grant from Abbott
2/23/2020, 12:30 PM – 1:30 PM
Room: Potomac C

12:30 PM - 1:30 PM

The Essentials on Mitral Clip: Treating Mitral Regurgitation, Addressing Patient Selection and Therapy in Complex Valvular Heart Disease
Moderator: Scott Lim, MD
Moderator: Paul Sorajja, MD

12:30 PM
Lunch

12:50 PM
Another Deep Dive to the COAPT Trial Results
Speaker: Gregg W. Stone, MD, FSCAI

1:00 PM
The European Experience with Mitral Clip for FMR
Speaker: Corrado Tamburino, PhD, FESC

1:10 PM
How the Second Generations Mitral Clip Improved the Procedure and Outcome?
Speaker: Scott Lim, MD

1:20 PM
The Clip for Tricuspid Regurgitation - Technology Update - Clinical Tips and Insights Into the TRANSLUMINATE Study
Speaker: Azeem Latib, MD

1:30 PM
Adjourn
Power Break Symposium: Women & Heart Symposium: Women in Interventional Cardiology - Stories of Success - Supported by an educational grant from Abbott

2/23/2020, 11:45 AM – 1:45 PM
Room: Potomac A/B

Women & Heart Symposium: Women in Interventional Cardiology: Stories of Success
Moderator: Alexandra J. Lansky, MD, FSCAI

11:45 AM
Lunch

12:00 PM
How Has Social Media and Television Impacted My Career?
Speaker: Sheila Sahni, MD

12:10 PM
How to Run a Successful Large Research Organization
Speaker: Roxana Mehran, MD, FACC, FSCAI

12:20 PM
How I Became the Physician I Am Today and the Mistakes That I've Made
Speaker: Cindy L. Grines, MD, FACC, MScAI

12:30 PM
My Experience as the First Woman Doing TAVR in the US & Being the Only Woman PI on the Pivotal Trials Being as a PI in WATCHMAN
Speaker: Kimberly A. Skelding, MD, FACC, FSCAI

12:40 PM
Keynote Lecture: “A Change of Heart”
Keynote Speaker: Alin Gragossian, DO, MPH

1:10 PM
Panel Discussion: Women in Interventional Cardiology: Prevention, Detection and Treatment
Panel Moderator: Alexandra J. Lansky, MD, FSCAI
Panelist: Mirvat Alasnag, FSCAI, FACP
Panelist: S. Elissa Altin, MD
Panelist: Anita W. Asgar, MD, FACC
Panelist: Suzanne J. Baron, MD, MSc
Panelist: Marianne Brodmann, MD
Panelist: Sara D. Collins, MD
Panelist: Megan Coylewright, MD, MPH
Panelist: Cindy L. Grines, MD, FACC, MScAI
Panelist: Kendra J. Grubb, MD
Panelist: Mayra E. Guerrero, MD, FACC, FSCAI
Panelist: Akiko Maehara, MD
Panelist: Roxana Mehran, MD, FACC, FSCAI
Panelist: Susan O'Donoghue, MD
Panelist: Sheila Sahni, MD
Panelist: Kimberly A. Skelding, MD, FACC, FSCAI
Panelist: Angela M. Taylor, MD, MS

1:45 PM
Adjourn [Potomac AB will continue with the Nurse & Tech Program at 1:45 PM]
Afternoon Symposium: The Great Diet Debate (Non-CME)
2/23/2020, 4:00 PM – 5:30 PM
Room: Innovations HUB

Course Directors
Co-Course Director: Angela M. Taylor, MD, MS
Co-Course Director: Kim Allan Williams, Sr., MD, MACC, FAHA

Nutrition and the Benefits of Diets
4:00 PM - 4:25 PM
4:00 PM
Nutrition and the Benefits of Diets
Moderator: Angela M. Taylor, MD, MS
Moderator: Kim Allan Williams, Sr., MD, MACC, FAHA

4:00 PM
Introduction
Speaker: Kim Allan Williams, Sr., MD, MACC, FAHA

4:05 PM
Food Is Medicine: The Benefits of a Plant-Based Diet in Patients with Acute Coronary Syndrome
Speaker: Angela M. Taylor, MD, MS

4:15 PM
Impact of Nutritional Intervention on Cardiovascular Risk
Speaker: Eugenia Gianos, MD

The Great Diet Debate
4:25 PM - 5:30 PM
4:25 PM
The Great Diet Debate
Moderator: Angela M. Taylor, MD, MS
Moderator: Kim Allan Williams, Sr., MD, MACC, FAHA

4:25 PM
Plant-Based Diets and Prevention
Speaker: Biljana Parapid, MD, PhD

4:35 PM
The Keto Diet
Speaker: Ethan J. Weiss, MD

4:45 PM
How to Integrate Dietary Interventions into Your Practice
Speaker: Danielle Belardo, MD

4:55 PM
Patients Post-MI with Dietary Intervention
Speaker: Robert Ostfeld, MD MSc

5:05 PM
Panel Discussion: The Great Diet Debate
Panel Moderator: Angela M. Taylor, MD, MS
Panel Moderator: Kim Allan Williams, Sr., MD, MACC, FAHA
Panelist: Danielle Belardo, MD
Panelist: Eugenia Gianos, MD
Panelist: Robert Ostfeld, MD MSc
Panelist: Biljana Parapid, MD, PhD
Panelist: Deepak Talreja, MD
Panelist: Ethan J. Weiss, MD
Panelist: Jack Wolfson, MD

5:30 PM
Adjourn
Afternoon Symposium: Fellowship Director's Symposium
2/23/2020, 4:30 PM – 6:00 PM
Room: National Harbor 6-7

Afternoon Symposium: Fellowship Director's Symposium
Moderator: Michael W. Cleman, MD
Moderator: William O. Suddath, MD, MSc

4:30 PM
Introduction
Speaker: William O. Suddath, MD, MSc

4:35 PM
Setting the Stage: Hot Topics for IC Fellowship Today
Speaker: William O. Suddath, MD, MSc

4:50 PM
How to Incorporate Research Into the IC Fellowship During Training?
Speaker: Rebecca Torguson, MPH

5:00 PM
Do We Need More Fellows and Should We Shorten the Overall Training for General and IC Fellowship?
Speaker: Christopher J. White, MD, MACC, MSCAI

5:10 PM
Challenges with General Fellowship Today
Speaker: Gaby Weissman, MD

5:20 PM
Do We Need to Change the Training Curriculum to Add Structural Heart and Endovascular Training or There Should Be Required Additional Year?
Speaker: Joseph L. Thomas, MD

5:30 PM
How to Train for Special Devices: Imaging Protected PCI and Hemodynamic Support
Speaker: Giora Weisz, MD

5:40 PM
Discussion
Panel Moderator: Michael W. Cleman, MD
Panel Moderator: William O. Suddath, MD, MSc
Panelist: Anna E. Bortnick, MD
Panelist: Joseph Brennan, MD
Panelist: Vikas K. Patel, MD
Panelist: Anwar Tandar, MD
Panelist: Joseph L. Thomas, MD
Panelist: Rebecca Torguson, MPH
Panelist: Gaby Weissman, MD
Panelist: Giora Weisz, MD
Panelist: Christopher J. White, MD, MACC, MSCAI

6:00 PM
Adjourn
Evening Symposium: Disparities: Inequalities in Interventional Cardiology and Healthcare - Supported by educational grants from Abbott and Boston Scientific Corporation

2/23/2020, 6:00 PM – 7:30 PM
Room: National Harbor 10-11

Course Directors
Co-Course Director: Wayne Batchelor, MD, MHS
Co-Course Director: Kim Allan Williams, Sr., MD, MACC, FAHA

Disparities: Inequalities in Interventional Cardiology and Healthcare
6:00 PM - 7:30 PM
6:00 PM
Disparities: Inequalities in Interventional Cardiology and Healthcare
Moderator: Wayne Batchelor, MD, MHS
Moderator: Karol Watson, MD, PhD
Moderator: Kim Allan Williams, Sr., MD, MACC, FAHA

6:00 PM
Dinner

6:05 PM
The Cath Lab of the Third World - How We Manage in Low-Income Countries
Speaker: Hany Ragy, MD

6:15 PM
The NCD and Its Impact on Access to Care - Have We Done Better Than Last Year?
Speaker: Aaron Horne, Jr., MD, MBA

6:25 PM
Telemedicine to Reduce Disparities in AMI Care Between Developed and Developing Countries
Speaker: Sameer Mehta, MD

6:35 PM
AMI in Young Women: Why Poor Outcomes?
Speaker: Alexandra J. Lansky, MD, FSCAI

6:45 PM
Women of Structural Heart Disease & Cardiothoracic Surgery: What Do We Bring to the Table?
Speaker: Anita R. Krueger, MD

6:55 PM
Gender Matters - An Insight in to Gender Specific Issues in CAD
Speaker: Swati Mukherjee, MD

7:05 PM
Disparities in the Elderly
Speaker: David F. Kong, MD, AM, DMT

7:15 PM
Panel Discussion: Disparities: Inequalities in Medicine in the USA
Panel Moderator: Wayne Batchelor, MD, MHS
Panel Moderator: Karol Watson, MD, PhD
Panel Moderator: Kim Allan Williams, Sr., MD, MACC, FAHA
Panelist: Sara D. Collins, MD
Panelist: Bryan T. Fisher, Sr., MD
Panelist: Aaron Horne, Jr., MD, MBA
Panelist: Anita R. Krueger, MD
Panelist: David F. Kong, MD, AM, DMT
Panelist: Alexandra J. Lansky, MD, FSCAI
Panelist: Sameer Mehta, MD
Panelist: Swati Mukherjee, MD
Panelist: Hany Ragy, MD

7:30 PM
Adjourn
Optimization of Anticoagulation Therapy for ACS Patients
Moderator: Neal S. Kleiman, MD, FACC, MSCAI
Moderator: Roxana Mehran, MD, FACC, FSCAI

6:00 PM
Dinner

6:15 PM
Case Presentation
Speaker: Charan Yerasi, MD

6:25 PM
Case Presentation Discussion

6:35 PM
Antiplatelet Options in the Cathlab: Preloading - Is it Necessary?
Speaker: Paul A. Gurbel, MD, FSCAI

6:45 PM
Cangrelor for NSTE-ACS and STEMI: Cangrelor First?
Speaker: Michael J. Lipinski, MD, PhD

6:55 PM
Which Patients Should Be Treated with Monotherapy and Is There Any Role for Long-Term ASPIRIN
Speaker: Roxana Mehran, MD, FACC, FSCAI

7:05 PM
Transition of Care - How We Secure Long-Term DAPT After STEMI
Speaker: David J. Cohen, MD, FSCAI

7:15 PM
Panel Discussion with Question and Answer: What are the IV Antiplatelet Options for the Treatment of STEMI in the Cath Lab?
Panel Moderator: Neal S. Kleiman, MD, FACC, MSCAI
Panel Moderator: Roxana Mehran, MD, FACC, FSCAI
Panelist: David J. Cohen, MD, FSCAI
Panelist: Paul A. Gurbel, MD, FSCAI
Panelist: Michael J. Lipinski, MD, PhD
Panelist: Charan Yerasi, MD
Panelist: Walid Jomaa, MD

7:30 PM
Adjourn
Abstracts: Valve & Structural Heart - Aortic Valve
2/23/2020, 9:00 AM – 10:10 AM
Room: Tamai

Abstracts: Valve & Structural Heart - Aortic Valve
Moderator: Sarah Aftab Ahmad, MD
Moderator: Paul Fiorilli, MD

9:00 AM
Transcatheter Aortic Valve Replacement Operator Radiation Exposure (TAVORE)
Speaker: Richard Casazza, MAS

9:15 AM
Rates of Paravalvular Leak With the Latest Generation Corevalve Evolut Pro Transcatheter Aortic Valve
Speaker: Brian Forrestal, MD

9:30 AM
Short-And Long-Term Outcomes of Patients With And Without End-Stage Renal Disease on Dialysis Undergoing Transcatheter Aortic Valve Implantation: A Meta-analysis
Speaker: Hiroki A. Ueyama, MD

9:45 AM
Moderate Aortic Stenosis and Long-Term Mortality
Speaker: Abdel Rahman Omer, MD

10:00 AM
Does the Severity of Lvot Calcification Impact the Hemodynamic Indices of the Latest Generation Corevalve Evolut Pro Self-expanding Transcatheter Aortic Valve?
Speaker: Brian Forrestal, MD

10:10 AM
Adjourn
Abstracts: Technology - Biodegradable Scaffolds, DES, Imaging Modalities, Percutaneous Valve Intervention, Emerging Devices & Innovative Therapies, and Other

2/23/2020, 10:30 AM – 12:25 PM
Room: Tamai

Abstracts: Technology - Biodegradable Scaffolds, DES, Imaging Modalities, Percutaneous Valve Intervention, Emerging Devices & Innovative Therapies, and Other
Moderator: Mazen S. Albaghdadi, MD
Moderator: Gurumurthy Hiremath, MD

10:30 AM
Impact of Endothelial Shear Stress on Absorption Process of Resorbable Magnesium Scaffold: A Biosolve-II Substudy
Speaker: Yuichi Ozaki, MD

10:45 AM
An Investigation Of Plant-based, Mediterranean, Paleolithic, And Dash Diets Study (the Va Beach Diet Study)
Speaker: Alex Talreja, MD

11:00 AM
The Absorb Bioresorbable Vascular Scaffolds Demonstrates Low Wall Shear Stress and High Eccentricity Index: Hemodynamic Insights From the Absorb III Imaging Study
Speaker: Arnav Kumar, MD, MSCR

11:15 AM
The Effect of Under-the-Patient Radiation Shield to Decrease Scattering Effect and Radiation Exposure to Operator Performing Cardiac Catheterization (Under Study)
Speaker: Thipakorn Phangmuangdee Anandhamahidol, MD

11:30 AM
Impact of Periprocedural Hemorrhagic Complications on Long-term Survival in Patients With Percutaneous Impella Microaxial Pump Placement
Speaker: Joseph R. Weber, MD

11:45 AM
The Contribution of X-ray Tube Housing Leak to Radiation Exposure in the Cath Lab
Speaker: Robert F. Wilson, MD

12:00 PM
Cold Saline Versus Regular Saline in Endovascular Therapeutic Hypothermia in Acute ST Segment Elevation Myocardial Infarction
Speaker: Luis Augusto Palma Dallan, MD

12:15 PM
Vessel Healing Responses and Physiological Results After Implantation of the Magnesium-Made Bioresorbable (BRS) Magmaris Scaffold in Human Coronary Vessels: A Combined Optical Coherence Tomography and Quantitative Flow Ratio Analysis
Speaker: Enrico Cerrato, MD

12:25 PM
Adjourn
Abstracts: Valve & Structural Heart - Aortic Valve [Session II]
2/23/2020, 1:00 PM – 2:10 PM
Room: Tamai

Abstracts: Valve & Structural Heart - Aortic Valve [Session II]
Moderator: Sarah Aftab Ahmad, MD
Moderator: Sahil Khera, MD, MPH

1:00 PM
Transcatheter Aortic Valve Remodeling: Pi-Cardia Leaflex™ Updates
Speaker: Eberhard Grube, MD, FSCAI

1:15 PM
Predictors Of Late (≥ 30-days) Permanent Pacemaker Implantation Following Transcatheter Aortic Valve Replacement
Speaker: Alexis K. Okoh, MD

1:30 PM
A Comparison Of Clinical Outcomes According To The Timing Of Pci And Tavr: A Pooled Analysis From A Multicenter Registry
Speaker: Arnav Kumar, MD, MSCR

1:45 PM
Clinical Outcomes And Valve Hemodynamics Following Transcatheter And Surgical Aortic Valve Replacement
Speaker: Nicolas M. Van Mieghem, MD, PhD, FESC, FACC

2:00 PM
Renin-angiotensin-aldosterone System Inhibitors Are Associated With Reno-protective Effects In Aging Patients Undergoing Transcatheter Aortic Valve Replacement
Speaker: Alexis K. Okoh, MD

2:10 PM
Adjourn

Abstracts: Valve & Structural Heart - Mitral Valve
2/23/2020, 2:15 PM – 3:25 PM
Room: Tamai

Abstracts: Valve & Structural Heart - Mitral Valve
Moderator: Darshan Doshi, MD, MS
Moderator: Sahil Khera, MD, MPH

2:15 PM
Impact of Mitraclip According to Proportionality of Functional Mitral Regurgitation
Speaker: Joris Ooms, MD

2:30 PM
A Balancing Act - The Impact of Reducing Mitral Regurgitation at the Expense of Increased Mitral Gradients Using Percutaneous Mitral Valve Repair
Speaker: Giorgio A. Medranda, MD

2:45 PM
Impact of Chronic Obstructive Pulmonary Disease on Outcomes After Transcatheter Mitral Valve Repair
Speaker: Kranthi K. Sitammaragi, MD

3:00 PM
Early Success Using Transcatheter Mitral Valve Replacement for the Treatment of Degenerated Mitral Bioprosthesis
Speaker: Giorgio A. Medranda, MD

3:15 PM
Successful Implantation of Mitraclip Under Conscious Sedation
Speaker: Mehmet Cilingiroglu, MD

3:25 PM
Adjourn
Abstracts: Coronary - CTO, Antiplatelet Therapy, Bifurcation and Bleeding Management

2/23/2020, 3:30 PM – 4:40 PM
Room: Hartzler

Abstracts: Coronary - CTO, Antiplatelet Therapy, Bifurcation and Bleeding Management
Moderator: Abdul Rahman Ihdayhid, MD
Moderator: Saroj Neupane, MD
Moderator: On Topaz, FACC, FSCAI

3:30 PM
Duration of Dual Antiplatelet Therapy After Percutaneous Coronary Intervention With Drug Eluting Stent Implantation-Meta Analysis of Randomized Controlled Trials
Speaker: Timir Paul, MD, PhD, FSCAI

3:45 PM
The Efficacy And Safety Of P2Y12 Inhibitors After A Short Course Of Three Months Or Less Of Dual Antiplatelet Therapy In Patients Undergoing Percutaneous Coronary Intervention And Drug-eluting Stent Placement; A Meta-analysis
Speaker: Ahmed M. Elzanaty, MD

4:00 PM
Clinical And Prescribing Outcomes In A Predominantly Minority Population Undergoing Percutaneous Coronary Intervention And CYP2C19 Genotyping
Speaker: James C. Lee, PharmD

4:15 PM
Double Kissing (Dk) Crush Versus T Stent and Small Protrusion (Tap) Stenting for Treatment of De-Novo Coronary Bifurcation Lesions With the Need for Side-Branch Stenting
Speaker: Ali Aldujeil, MD, MSc

4:30 PM
Chronic Total Occlusion Percutaneous Coronary Interventions In Patients With And Without Prior Coronary Artery Bypass Grafts: A Comparison Of Patient Characteristics And Outcomes
Speaker: Marinos Charalambous, MD

4:40 PM
Adjourn
Abstracts: Valve & Structural Heart - Mitral Valve & Other
2/23/2020, 3:30 PM – 4:40 PM
Room: Tamai

Abstracts: Valve & Structural Heart - Mitral Valve & Other
Moderator: Darshan Doshi, MD, MS
Moderator: Gurumurthy Hiremath, MD

3:30 PM
Obstructive Sleep Apnea Impacts In-hospital Outcomes After Transcatheter Mitral Valve Repair: Insights From The National Inpatient Sample
Speaker: Kranthi K. Sitammagari, MD

3:45 PM
Short-term Reinterventions And Mortality In Transcatheter Mitral Valve Repair Patients With Chronic Kidney Disease - A Systematic Review And Meta-analysis
Speaker: Prasham Dave, MD

4:00 PM
Ten Year Trends And Outcomes In Isolated And Concomitant Tricuspid Valve Surgery: A Report From The Nationwide Inpatient Sample
Speaker: Ashwini Sharma, MD

4:15 PM
Incidence, Outcomes, And Predictors Of In-hospital Acute Coronary Syndrome Following Endovascular Transcatheter Aortic Valve Replacement In The United States
Speaker: Salik Nazir, MD

4:30 PM
Association Of Diabetes Mellitus With Poor Outcomes In Patients With Infective Endocarditis.
Speaker: Temidayo Abe, MD

4:40 PM
Adjourn
Interesting Cases: Coronary - ACS
2/23/2020, 9:00 AM – 10:10 AM
Room: Hartzler

Interesting Cases: Coronary - ACS
Moderator: Mazen S. Albaghdadi, MD
Moderator: Gagan D. Singh, MD
Moderator: On Topaz, FACC, FSCAI

9:00 AM
Acute Coronary Syndrome in A Patient With Anomalous Origin of the Left Anterior Descending Artery From the Right Sinus of Valsalva
Speaker: Franklyn A. Colón Arias, Sr., MD

9:15 AM
Speaker: Katherine Thayer, MPH

9:30 AM
Left Main Occlusion Light is Turned Off
Speaker: Ahmed Nada, MD

9:45 AM
The Role of Pulmonary Artery Catheter Usage in Cardiogenic Shock Mortality Risk Reduction
Speaker: Katherine Thayer, MPH

10:00 AM
Prolonged Cardiac Arrest: My Best Save of The Year
Speaker: Chao-Wei Hwang, MD PhD

10:10 AM
Adjourn

Interesting Cases: Valve & Structural – TAVR
2/23/2020, 10:15 AM – 11:45 AM
Room: Hartzler

Interesting Cases: Valve & Structural - TAVR
Moderator: Harsh Agarwal, MD
Moderator: Amit N. Vora, MD, MPH

10:15 AM
Matryoshka Aortic Valve Replacement: A Valve-in-Valve-in-Valve Case
Speaker: Rudin Gjeka, MD

10:30 AM
The Art Of Choosing
Speaker: Jonathan D. Harrison, MD

10:45 AM
Subclavian Access Tavr: Entrapment Of Tavr In The Innominate Artery With Aortic Dissection
Speaker: Ismael Salas De Armas, MD

11:00 AM
Challenging Aortic Prosthesis Angle During Valve-in-Valve Transcatheter Aortic Valve Replacement
Speaker: Michael Bianco, MD

11:15 AM
The "Snare-and-anchor" - Technique To Rescue Frozen Mechanical Mitral Valve Leaflet After Transcatheter Aortic Valve Replacement
Speaker: Chak Yu So, MD

11:30 AM
Transcatheter Aortic Valve Ejection During Balloon Valvuloplasty
Speaker: Sisir Siddamsetti, MD

11:45 AM
Adjourn
Interesting Cases: Valve & Structural - TAVR Mitral

2/23/2020, 2:15 PM – 3:25 PM
Room: Hartzler

Interesting Cases: Valve & Structural - TAVR Mitral
Moderator: Ronnie Ramadan, MD
Moderator: Jonathan Schwartz, MD

2:15 PM
Not What You Expected After Tavr
Speaker: Atish P. Mathur, MD

2:30 PM
Tavi For A Patient With Bicuspid Aortic Valve And Dynamic Lvot Obstruction: A High Risk Case
Speaker: Juan Zhang, MD

2:45 PM
Echo-guided Percutaneous Mitral Valvuloplasty For Palliative Management Of Severe Rheumatic Mitral Stenosis In A High Risk Pregnancy
Speaker: Ashleigh Long, MD/PhD

3:00 PM
Transcatheter Mitral Valve Repair In The Setting Of Congenitally Corrected Transposition With Severe Systemic Tricuspid Regurgitation
Speaker: Mohamed Faher Almahmoud, MD, MS

3:10 PM
Adjourn
BRS, DES and DCB Technologies (Non-CME)
2/24/2020, 8:00 AM – 5:30 PM
Room: Gruentzig Theater

Course Directors
Co-Course Director: Dean J. Kereiakes, MD, FACC, FSCAI
Co-Course Director: Renu Virmani, MD
Co-Course Director: Ron Waksman, MD, FSCAI

DCB for Coronary Applications
8:00 AM - 9:35 AM
8:00 AM
DCB for Coronary Applications
Moderator: Robert A. Byrne, MD, BCh, PhD
Moderator: Bernardo Cortese, MD, FESC
Moderator: Donald E. Cutlip, MD, FSCAI

8:00 AM
What Are the Challenges for Sirolimus Coated Balloons - Will They Work as PTX DCB?
Speaker: Aloke V. Finn, MD

8:08 AM
Sirolimus-Eluting Drug-Coated Balloons: Insight into Efficacy and Safety
Speaker: Bernardo Cortese, MD, FESC

8:16 AM
DCBs for Coronary ISR Trial Designs
Speaker: Donald E. Cutlip, MD, FSCAI

8:24 AM
Selution SLR DCB: Technology Update and Clinical Results in Coronary Arteries
Speaker: Robert A. Byrne, MD, BCh, PhD

8:32 AM
Paclitaxel-Related Mortality - Real-World Data
Speaker: Thomas Zeller, MD

8:40 AM
Paclitaxel-Coated Balloons for Coronary Intervention: Critical Review of Long-Term Trial Data in Light of the PAD Controversy – Update on the DAEDALUS Project
Speaker: Robert A. Byrne, MD, BCh, PhD

8:48 AM
All Drug Coated Balloons Are Not Created Equal - Understanding the Virtue DCB
Speaker: James P. Zidar, MD, FSCAI

8:56 AM
Virtue Sirolimus-Eluting Balloon: The SABRE II Trial
Speaker: Dean J. Kereiakes, MD, FACC, FSCAI

9:04 AM
Regulatory Considerations for Coronary Drug-Coated Balloons
Speaker: Tara A. Ryan, MD, MS

9:12 AM
Panel Discussion: Will DCB Play a Role for Coronary Application in the US?
Panel Moderator: Robert A. Byrne, MD, BCh, PhD
Panel Moderator: Bernardo Cortese, MD, FESC
Panel Moderator: Donald E. Cutlip, MD, FSCAI
Panelist: Alexandre A. Abizaid, MD, PhD
Panelist: Aloke V. Finn, MD
Panelist: Jeffrey B. Jump, MSc
Panelist: Dean J. Kereiakes, MD, FACC, FSCAI
Panelist: Tara A. Ryan, MD, MS
Panelist: Thomas Zeller, MD
Panelist: James P. Zidar, MD, FSCAI
BRS: Is There A Future for the Technology?
9:35 AM - 11:26 AM

9:35 AM
BRS: Is There A Future for the Technology?
Moderator: Alexandre A. Abizaid, MD, PhD
Moderator: Michael H. Joner, MD
Moderator: Jacques J. Koolen, MD, PhD, FSCAI

9:35 AM
ABSORB III BVS Results at 5 Years: Will There Ever Be a Role for PLLA-Based Scaffold?
Speaker: Gregg W. Stone, MD, FSCAI

9:43 AM
Update on Magmaris Clinical Results and BIOSOLVE IV Results
Speaker: Michael Haude, MD, PhD

9:51 AM
Update on the Polymeric Emerging Programs, Including Tyrosine-Carbonate-Based Polymeric BRS: Fantom
Speaker: Alexandre A. Abizaid, MD, PhD

9:59 AM
Improving the BRS Profile by Using Shear Stress Mapping
Speaker: Arnav Kumar, MD, MSCR

10:07 AM
What Needs to Be Done to Update the BRS ESC Guidelines
Speaker: Robert A. Byrne, MD, BCh, PhD

10:15 AM
Bioresorbable Scaffolds: Global Development Pipeline - Will They Improve Outcomes?
Speaker: Yoshinobu Onuma, MD, PhD

10:23 AM
Latest Results and Future Directions with the DESolve NXT PLLA-Based BRS with Contoured Struts
Speaker: Alexandre A. Abizaid, MD, PhD

10:31 AM
Next-Gen Drug-Eluting Mg Scaffold
Speaker: Michael Haude, MD, PhD

10:39 AM
COMPARE ABSORB Trial: Very Late Device Thrombosis While on Extended DAPT
Speaker: Robert-Jan M. van Geuns, MD, PhD

10:47 AM
Clinical Outcomes At 2 Years of the Absorb Biodegradable Vascular Scaffold Versus the Xience Drug-eluting Metallic Stent in Patients Presenting With Acute Coronary Syndrome Versus Stable Coronary Disease - Aida Trial Sub-Study
Speaker: Laura Kerkmeijer, MD

10:55 AM
ESPRIT Development and Status of BRS Clinical Trials for Endovascular Applications
Speaker: Richard J. Rapoza, PhD

11:03 AM
Discussion: Did We Pull the Plug on BRS Technology Too Early?
Panel Moderator: Alexandre A. Abizaid, MD, PhD
Panel Moderator: Michael H. Joner, MD
Panel Moderator: Jacques J. Koolen, MD, PhD, FSCAI
Panelist: Michael Haude, MD, PhD
Panelist: Laura Kerkmeijer, MD
Panelist: Arnav Kumar, MD, MSCR
Panelist: Yoshinobu Onuma, MD, PhD
Panelist: Richard J. Rapoza, PhD
Panelist: Gregg W. Stone, MD, FSCAI
Panelist: Robert-Jan M. van Geuns, MD, PhD
DES: New Stents, Biodegradable Polymers and Drug-Coated Stents Data Update

11:26 AM - 12:55 PM

11:26 AM
Do the Clinical Data Support the Use of DES with Biodegradable Polymers Over DES with Durable Polymers?
Speaker: Robert A. Byrne, MD, BCh, PhD

11:36 AM
Ultrathin DES: Is This the Way to Go?
Speaker: Sripal Bangalore, MD, MHA, FACC, FAHA, FSCAI

11:46 AM
Dynamic Novolimus Elution from PLLA Polymer-Coated Stents Technology and Clinical Update
Speaker: Alexandre A. Abizaid, MD, PhD

11:56 AM
BUMA Supreme – PIONEER III Trial
Speaker: Dean J. Kereiakes, MD, FACC, FSCAI

12:06 PM
Biolimus-A9 Data Signal for Patients with ACS
Speaker: Hans-Peter Stoll, MD

12:16 PM
DES TARGET AC: A Randomized Post-Market Clinical Trial of a Low-Dose Biodegradable-Polymer Sirolimus DES
Speaker: Alexandra J. Lansky, MD, FSCAI

12:26 PM
What Have We Learned from the BIOSCIENCE and BIOSTEMI Studies?
Speaker: Thomas Pilgrim, MD

12:36 PM
Panel Discussion: Biodegradable-Polymer DES – Are There Clinically Important Differences Between Devices? Durable, Biodegradable and Polymer-Free: What Does the Future Hold?
Panel Moderator: Sripal Bangalore, MD, MHA, FACC, FAHA, FSCAI
Panel Moderator: Thomas Pilgrim, MD
Panelist: Alexandre A. Abizaid, MD, PhD
Panelist: Robert A. Byrne, MD, BCh, PhD
Panelist: Dean J. Kereiakes, MD, FACC, FSCAI
Panelist: Scott Kinlay, MBBS, PhD
Panelist: Alexandra J. Lansky, MD, FSCAI
Panelist: Hans-Peter Stoll, MD
Panelist: Robert-Jan M. van Geuns, MD, PhD

Break for Lunch - Program resumes at 2:10 PM

12:55 PM - 2:10 PM

12:55 PM
Break for Lunch - Program resumes at 2:10 PM

The Short DAPT and Anticoagulation PCI Debate

2:10 PM - 4:15 PM

2:10 PM
The Short DAPT and Anticoagulation PCI Debate
Moderator: Richard A. Anderson, MD
Moderator: Sripal Bangalore, MD, MHA, FACC, FAHA, FSCAI

2:10 PM
How Short DAPT Can We Go? Do We Need Any DAPT for Prevention of Stent Thrombosis?
Speaker: Dean J. Kereiakes, MD, FACC, FSCAI

2:20 PM
Is Short DAPT A Class Effect for All Second-Generation DES?
Speaker: Robert W. Yeh, MD, MSc
2:30 PM
What Should We Drop for Monotherapy – Drop Aspirin?
Speaker: Roxana Mehran, MD, FACC, FSCAI

2:40 PM
What Should We Drop for Monotherapy – Drop the P2Y12?
Speaker: Robert W. Yeh, MD, MSc

2:50 PM
Future Trial Designs for Antiplatelet Duration Post-Stenting
Speaker: Davide Capodanno, MD, PhD

3:00 PM
GLOBAL LEADERS: Ticagrelor Monotherapy vs. DAPT After PCI in TWILIGHT-Like Patients
Speaker: Yoshinobu Onuma, MD, PhD

3:10 PM
The State of DAPT
Speaker: Michael A. Kutcher, MD

3:20 PM
Who Is a Real HBR Patient - Are Scores Reliable?
Speaker: Robert W. Yeh, MD, MSc

3:30 PM
DES in AF: WOEST for All or Tailored Approach?
Speaker: Michael J. Rinaldi, MD

3:40 PM
Long-Term Outcomes After PCI Related to DAPT Duration in the VA Health System
Speaker: Scott Kinlay, MBBS, PhD

3:50 PM
Short DAPT FDA Perspectives
Speaker: P F Adrian Magee, MD

4:00 PM
Panel Discussion: Optimal Duration of DAPT - How to Optimize Future Study Designs
Panel Moderator: Richard A. Anderson, MD
Panel Moderator: Sripal Bangalore, MD, MHA, FACC, FAHA, FSCAI
Panelist: Alexandre A. Abizaid, MD, PhD
Panelist: Dean J. Kereiakes, MD, FACC, FSCAI
Panelist: Scott Kinlay, MBBS, PhD
Panelist: Michael A. Kutcher, MD
Panelist: Yoshinobu Onuma, MD, PhD
Panelist: Michael J. Rinaldi, MD
Panelist: Hans-Peter Stoll, MD
Panelist: Nick E. West, MA MD FRCP FESC FACC
Panelist: Robert W. Yeh, MD, MSc

DES-Specific Indications

4:15 PM - 5:30 PM
4:15 PM
DES-Specific Indications
Moderator: Philippe Généreux, MD
Moderator: Jacques J. Koolen, MD, PhD, FSCAI

4:15 PM
10-year Follow-Up of the SYNTAX Trial
Speaker: A P. Kappetein, MD, PhD

4:23 PM
DynamX Bioadaptor, A Novel “Uncaging” Platform for Coronary Artery Revascularization - 12 Month Clinical and Imaging Results
Speaker: Dean J. Kereiakes, MD, FACC, FSCAI

4:43 PM
Stents for Bifurcations: The TRYTON Stent
Speaker: Philippe Généreux, MD
4:51 PM
Svelte IDS: OPTIMIZE Trial
Speaker: Dean J. Kereiakes, MD, FACC, FSCAI

4:59 PM
Complex In-Stent Restenosis - When to Consider Brachytherapy, Atherectomy, Laser, Etc.
Speaker: Creighton W. Don, MD

5:07 PM
Left Main: Lessons from the IDEAL Trial: Is there A Value for Biodegradable Polymers for LM Disease?
Speaker: Robert-Jan M. van Geuns, MD, PhD

5:15 PM
Panel Discussion: Is There a Role for a Lesion-Based Dedicated Stent and Should it be DES?
Panel Moderator: Philippe Généreux, MD
Panel Moderator: Jacques J. Koolen, MD, PhD, FSCAI
Panelist: Creighton W. Don, MD
Panelist: David E. Kandzari, MD, FACC, FSCAI
Panelist: Dean J. Kereiakes, MD, FACC, FSCAI
Panelist: Robert-Jan M. van Geuns, MD, PhD

5:30 PM
Adjourn
Clinical Research Academy
2/24/2020, 8:00 AM – 4:25 PM
Room: National Harbor 4-5

Course Directors
Co-Course Director: Alexandra J. Lansky, MD, FSCAI
Co-Course Director: Rebecca Torguson, MPH
Co-Course Director: William S. Weintraub, MD

How to Build A Successful Clinical Research Program: Part I
8:00 AM - 9:10 AM
8:00 AM
How to Build A Successful Clinical Research Program: Part I
Moderator: Lorenzo Azzalini, MD, PhD, MSc
Moderator: Alexandra J. Lansky, MD, FSCAI
Moderator: Rebecca Torguson, MPH

8:00 AM
How to Start Doing Research
Speaker: Tariq Enezate, MD

8:10 AM
What Are the Essentials to Run a Large Research Organization?
Speaker: Alexandra J. Lansky, MD, FSCAI

8:20 AM
What Do You Need to Know about IRB and Research Compliance?
Speaker: Jodi J. Akin, MS

8:30 AM
Artificial Intelligence in Interventional Cardiology - Present & Future
Speaker: Jay Giri, MD, MPH

8:40 AM
Tips on How to Increase Screening and Enrollment into Clinical Trials
Speaker: Marc Cohen, MD, FACC

8:50 AM
Investigator-Initiated Research: What Are Your Responsibilities?
Speaker: Alexandra J. Lansky, MD, FSCAI

9:00 AM
Discussion
Panel Moderator: Rebecca Torguson, MPH

How to Build A Successful Clinical Research Program: Part II
9:10 AM - 10:25 AM
9:10 AM
How to Build A Successful Clinical Research Program: Part II
Moderator: David Cox, MD, MSCAI
Moderator: Alexandra J. Lansky, MD, FSCAI
Moderator: Rebecca Torguson, MPH

9:10 AM
Contracts Executed in Less Than a Month: Is It Possible?
Speaker: Rebecca Torguson, MPH

9:20 AM
Is Your PCI Registry Really Measuring the Quality of Your Delivered Care? Pros & Cons
Speaker: Jay Giri, MD, MPH

9:30 AM
Disparities in Enrollment into Clinical Trials
Speaker: Roxana Mehran, MD, FACC, FSCAI

9:40 AM
What is A Data Scientist Within a Healthcare Setting?
Speaker: Steven H. Rappaport, MD
9:50 AM
Speaker: Jodi J. Akin, MS

10:00 AM
Public Reporting: The Good, the Bad and the Ugly
Speaker: William S. Weintraub, MD

10:10 AM
Panel Discussion: How to Build a Successful Clinical Research Program
Panel Moderator: David Cox, MD, MSCAI
Panel Moderator: Alexandra J. Lansky, MD, FSCAI
Panel Moderator: Rebecca Torguson, MPH
Panelist: Jodi J. Akin, MS
Panelist: Marc Cohen, MD, FACC
Panelist: Tariq Enezate, MD
Panelist: Jay Giri, MD, MPH
Panelist: Chad A. League, JD
Panelist: Roxana Mehran, MD, FACC, FSCAI
Panelist: Steven H. Rappaport, MD
Panelist: William S. Weintraub, MD

Clinical Trial Organizations
10:25 AM - 12:10 PM

10:25 AM
Clinical Trial Organizations
Moderator: John C. Messenger, MD
Moderator: Rebecca Torguson, MPH
Moderator: Giora Weisz, MD

10:25 AM
How to Write a Clinical Protocol
Speaker: Rebecca Torguson, MPH

10:35 AM
Do I Need FDA Approval Before I Start My Device Study? The ABCs of IDEs
Speaker: Andrew Farb, MD

10:45 AM
Integration of Meta-Analyses and Registry Data into Clinical Trials
Speaker: Paul Kolm, PhD

10:55 AM
Quasi-Experimental Approaches to Health Policy Assessment
Speaker: Jason Wasfy, MD

11:05 AM
The Adjudicators: CEC Essentials Insights from the Consensus Document
Speaker: Hector M. Garcia-Garcia, MD, PhD

11:15 AM
What Is a Core Lab? How Can the Right or Wrong Core Lab Make or Break a Pivotal Study?
Speaker: Ido Weinberg, MD

11:25 AM
DSMB: Safety, Effectiveness, and Blinded Versus Unblinded Data
Speaker: Donald E. Cutlip, MD, FSCAI

11:35 AM
Conflict of Interest in Clinical Trials
Speaker: Anthony DeMaria, MD

11:45 AM
Novel Clinical Trial Designs
Speaker: Ori Ben-Yehuda, MD
11:55 AM
Panel Discussion: Clinical Trial Organizations
Panel Moderator: John C. Messenger, MD
Panel Moderator: Rebecca Torguson, MPH
Panel Moderator: Giora Weisz, MD
Panelist: Donald E. Cutlip, MD, FSCAI
Panelist: Anthony DeMaria, MD
Panelist: Andrew Farb, MD
Panelist: Hector M. Garcia-Garcia, MD, PhD
Panelist: Paul Kolm, PhD
Panelist: Jason Wasfy, MD
Panelist: Ido Weinberg, MD

Meet the Editor Lunch Symposium
12:10 PM - 1:30 PM
12:10 PM
Meet the Editor Lunch Symposium
Moderator: Steven R. Bailey, MD, MSCAI
Moderator: Anthony DeMaria, MD
Moderator: David J. Moliterno, MD
Moderator: Ron Waksman, MD, FSCAI
Panelist: Davide Capodanno, MD, PhD
Panelist: Spencer B. King, III, MD, MACC
Panelist: Sunil V. Rao, MD, FSCAI

12:10 PM
Lunch

12:30 PM
The Art of Writing a Good Case Report and Getting it Published
Speaker: Steven R. Bailey, MD, MSCAI

12:40 PM
The Art of Writing a Provocative Editorial
Speaker: Anthony DeMaria, MD

12:50 PM
How to Increase Your Manuscript Chances to be Accepted for Publication
Speaker: David J. Moliterno, MD

1:00 PM
My Take on the Impact Factor and Social Media
Speaker: Spencer B. King, III, MD, MACC

1:10 PM
Panel Discussion: Meet the Editor
Panel Moderator: Steven R. Bailey, MD, MSCAI
Panel Moderator: Anthony DeMaria, MD
Panel Moderator: David J. Moliterno, MD
Panel Moderator: Ron Waksman, MD, FSCAI
Panelist: Davide Capodanno, MD, PhD
Panelist: Spencer B. King, III, MD, MACC
Panelist: Sunil V. Rao, MD, FSCAI

How to Secure a Research Grant
1:30 PM - 2:25 PM
1:30 PM
How to Secure a Research Grant
Moderator: Zorina S. Galis, PhD
Moderator: Rebecca Torguson, MPH

1:30 PM
How to Build a Budget for Your Study
Speaker: Rebecca Torguson, MPH

1:40 PM
Do Not Get Lost in Translation: NHLBI Cardiovascular Translational Opportunities
Speaker: Zorina S. Galis, PhD
1:50 PM
How to Approach Industry with Research Proposals: Is the Door Open?
Speaker: Charles A. Simonton, MD, FACC, FSCAI

2:00 PM
NIH Funding: What Is Available for You?
Speaker: Jason Wasfy, MD

2:10 PM
Panel Discussion: How to Secure a Research Grant
Panel Moderator: Zorina S. Galis, PhD
Panel Moderator: Rebecca Torguson, MPH
Panelist: H. Vernon Anderson, MD
Panelist: Charles A. Simonton, MD, FACC, FSCAI
Panelist: Jason Wasfy, MD
Panelist: William S. Weintraub, MD

Clinical Trial Interpretation: Pitfalls and Practical Lessons

2:25 PM - 4:25 PM

2:25 PM
Clinical Trial Interpretation: Pitfalls and Practical Lessons
Moderator: Anthony DeMaria, MD
Moderator: William S. Weintraub, MD
Moderator: Lilly Yue, PhD

2:25 PM
PRAGMATIC Clinical Trials and How They Can Work
Speaker: Jodi J. Akin, MS

2:35 PM
Using the NCDR for Clinical Research
Speaker: John C. Messenger, MD

2:45 PM
Non-Inferiority Simplified
Speaker: Donald E. Cutlip, MD, FSCAI

2:55 PM
Bayesian Designs: What You Need to Know
Speaker: Roseann M. White, MA

3:05 PM
Registries or Randomized Trials for Post-Approval Studies?
Speaker: Jason Wasfy, MD

3:15 PM
Desirability of Outcome Ranking (DOOR): New Design and Analysis for Clinical Trials
Speaker: Scott Evans, PhD

3:25 PM
Adjustment for Baseline Covariates in Randomized Controlled Trials: Increase Your Statistical Power!
Speaker: Andrew D. Althouse, PhD

3:35 PM
Objective Study Design for Using Real-World Data
Speaker: Yun-Ling Xu, PhD

3:45 PM
Limitations of Clinical Trials
Speaker: Anthony DeMaria, MD

3:55 PM
How to Assess Cost Effectiveness of New Devices and Drugs
Speaker: David J. Cohen, MD, FSCAI
Panel Discussion: Clinical Trial Interpretation: Pitfalls and Practical Lessons
Panel Moderator: Anthony DeMaria, MD
Panel Moderator: William S. Weintraub, MD
Panel Moderator: Lilly Yue, PhD
Panelist: Jodi J. Akin, MS
Panelist: Andrew D. Althouse, PhD
Panelist: David J. Cohen, MD, FSCAI
Panelist: Donald E. Cutlip, MD, FSCAI
Panelist: Scott Evans, PhD
Panelist: Zorina S. Galis, PhD
Panelist: John C. Messenger, MD
Panelist: Roseann M. White, MA
Panelist: Yun-Ling Xu, PhD

4:25 PM
Adjourn

CMO Debate (Non-CME)
2/24/2020, 1:00 PM – 2:15 PM
Room: Innovations HUB

My Favorite TAVR Valve
1:00 PM - 1:10 PM
1:00 PM
Lunch

1:00 PM
My Favorite TAVR Valve
Moderator: Eberhard Grube, MD, FSCAI
Moderator: Michael Reardon, MD
Moderator: Hendrik Treede, MD

1:10 PM
S3 Ballon Expandable is Clearly the Winner
Speaker: Todd J. Brinton, MD

1:20 PM
Evolute Pro: the Best Hymodynamics
Speaker: A P. Kappetein, MD, PhD

1:30 PM
Five Reasons Why Lotus is the Valve of Choice
Speaker: Ian T. Meredith AM, MD, PhD, FACC

1:40 PM
Portico Second Generation: The Valve You Have Been Waiting For
Speaker: Augusto Pichard, MD, FACC, FSCAI

1:50 PM
Best Valve is a Surgical Valve
Speaker: Neil E. Moat, MS FRCS

2:00 PM
Panel Discussion
Panel Moderator: Eberhard Grube, MD, FSCAI
Panel Moderator: Michael Reardon, MD
Panelist: Todd J. Brinton, MD
Panelist: A P. Kappetein, MD, PhD
Panelist: Ian T. Meredith AM, MD, PhD, FACC
Panelist: Neil E. Moat, MS FRCS

2:15 PM
Adjourn
Complex Coronary Interventions - Monday Session
2/24/2020, 12:40 PM – 5:00 PM
Room: Potomac A/B

Course Directors
Co-Course Director: Maurice Buchbinder, MD, FSCAI
Co-Course Director: Lowell F. Satler, MD, FSCAI
Co-Course Director: Ron Waksman, MD, FSCAI

Masters in Complex PCI
1:45 PM - 2:30 PM
1:45 PM
Masters in Complex PCI
Moderator: Maurice Buchbinder, MD, FSCAI
Moderator: Srihari S. Naidu, MD, FSCAI

1:45 PM
Live Case from Mount Sinai - New York, NY
Live Case Operator: Annapoorna S. Kini, MD
Live Case Operator: Samin K. Sharma, MD
Moderator: Maurice Buchbinder, MD, FSCAI
Moderator: Srihari S. Naidu, MD, FSCAI
Panelist: Anita W. Asgar, MD, FACC
Panelist: Joseph De Gregorio, MD
Panelist: Ziyad Ghazzal, MD
Panelist: Akram W. Ibrahim, MD
Panelist: Michael S. Lee, MD, FACC, FSCAI
Panelist: Michael Ragosta, MD
Panelist: Steve Ramcharitar, MD, PhD
Panelist: David X. Zhao, MD

PCI 2020: Controversies and Hot Topics in Interventional Cardiology
2:30 PM - 5:00 PM
2:30 PM
PCI 2020: Controversies and Hot Topics in Interventional Cardiology
Moderator: Eberhard Grube, MD, FSCAI
Moderator: Spencer B. King, III, MD, MACC
Moderator: David J. Moliterno, MD

2:30 PM
Keynote Lecture: The Five Best Trials from 2019 That May iMPACT My Practice
Keynote Speaker: Anthony DeMaria, MD

2:45 PM
Revascularization or Medical Therapy in Patients with SIHD: Findings and Implications of the ISCHEMIA Trial
Speaker: David Maron, MD

2:55 PM
Revascularization or Medical Therapy in Patients with CKD: Findings and Implications of the ISCHEMIA-CKD Trial
Speaker: Sripal Bangalore, MD, MHA, FACC, FAHA, FSCAI

3:05 PM
Quality of Life in the ISCHEMIA Trials
Speaker: David Maron, MD

3:15 PM
Critical Appraisal of ISCHEMIA
Speaker: Gregg W. Stone, MD, FSCAI
3:25 PM
Panel Discussion: Key Takeaways from the ISCHEMIA Trial - How Will the ISCHEMIA Trial Change Practice?
Panel Moderator: Eberhard Grube, MD, FSCAI
Panel Moderator: Spencer B. King, III, MD, MACC
Panel Moderator: David J. Moliterno, MD
Panelist: Sripal Bangalore, MD, MHA, FACC, FAHA, FSCAI
Panelist: David J. Cohen, MD, FSCAI
Panelist: Anthony DeMaria, MD
Panelist: Robert A. Guyton, MD
Panelist: David Maron, MD
Panelist: Erick Schampaert, MD
Panelist: Gregg W. Stone, MD, FSCAI

3:40 PM
Key Takeaways from TWILIGHT and TWILIGHT ACS
Speaker: Usman Baber, MD, MS

3:50 PM
LM PCI: New Insights and Final Results from the LM EXCEL Trial
Speaker: Gregg W. Stone, MD, FSCAI

4:00 PM
The Realities of Survival Advantage for CABG Versus PCI - Consider More CABG
Speaker: Robert A. Guyton, MD

4:10 PM
Live Case from MedStar Washington Hospital Center - Washington, DC
Live Case Operator: Itsik Ben-Dor, MD
Live Case Operator: Lowell F. Satler, MD, FSCAI
Moderator: Maurice Buchbinder, MD, FSCAI
Moderator: Srihari S. Naidu, MD, FSCAI
Panelist: David J. Cohen, MD, FSCAI
Panelist: Ziyad Ghazzal, MD
Panelist: Roxana Mehran, MD, FACC, FSCAI
Panelist: Issam Moussa, MD
Panelist: Michael Ragosta, MD
Panelist: Nicolas M. Van Mieghem, MD, PhD, FESC, FACC
Panelist: S. Chiu Wong, MD, FSCAI, FACC
Panelist: David X. Zhao, MD

5:00 PM
Adjourn
CRT Asia, Pacific and Korean Delegations: Endovascular and Coronary Complications

2/24/2020, 8:00 AM – 12:10 PM
Room: National Harbor 10-11

Course Director
Co-Course Director: Seung-Woon Rha, MD, PhD, FACC

CRT Asia Pacific: Coronary Complications

8:00 AM - 10:00 AM

8:00 AM
CRT Asia Pacific: Coronary Complications
Moderator: In-Ho Chae, MD, PhD
Moderator: Sung Yun Lee, MD PhD
Moderator: Ayman K. Magd, MD, FSCAI

8:00 AM
Case 1: VSD After Primary PCI: How to Manage?
Speaker: Jung-Sun Kim, MD

8:10 AM
Case 2: Large Thrombi in an Ectatic Coronary Artery
Speaker: Ji Young Park, MD, PhD

8:20 AM
Case 3: Septal Hematoma After Channel Rupture During Retrograde CTO PCI
Speaker: In-Ho Chae, MD, PhD

8:30 AM
Case 4: Successful Management of Acute Thrombi During Retrograde Approach for RCA CTO
Speaker: Seok-Yeon Kim, MD

8:40 AM
Case 5: Cardiac Arrest Caused by Catheter Induced LM Coronary Artery Dissection
Speaker: Jeong-Eun Yi, MD

8:50 AM
Case 6: Spontaneous Coronary Artery Dissection: To Treat or Not to Treat, That is the Question
Speaker: Sang Yeub Lee, MD and PhD

9:00 AM
Case 7: Foot Drop Following Femoral Artery Cannulation for VA ECMO
Speaker: Kyung-Hee Kim, MD. PhD

9:10 AM
Case 8: Embolization of Dislodged Stent into Kidney
Speaker: Sung Yun Lee, MD PhD

9:20 AM
Case 9: Acute Thrombosis After Stent Rotablation
Speaker: Ji-Hun Ahn, MD

9:30 AM
Panel Discussion: Coronary Complications
Panel Moderator: In-Ho Chae, MD, PhD
Panel Moderator: Sung Yun Lee, MD PhD
Panel Moderator: Ayman K. Magd, MD, FSCAI
Panelist: Ji-Hun Ahn, MD
Panelist: Jae Kyeong Byun, MS
Panelist: Jinah Cha, MD
Panelist: Byoung Geol Choi, Ph.D
Panelist: Se Yeon Choi, PhD
Panelist: Jung-Sun Kim, MD
Panelist: Kyung-Hee Kim, MD, PhD
Panelist: Sang Yeub Lee, MD and PhD
Panelist: On Topaz, FACC, FSCAI
CRT Asia Pacific: Non-Coronary Complications

10:10 AM - 12:10 PM

10:10 AM
CRT Asia Pacific: Non-Coronary Complications
Moderator: In-Ho Chae, MD, PhD
Moderator: Michael S. Lee, MD, FACC, FSCAI
Moderator: Ayman K. Magd, MD, FSCAI

10:10 AM
Case 1: Acute Extensive Pulmonary Artery Thrombosis During Mechanical Support for Pulmonary Graft Failure Following Heart Transplantation
Speaker: Kyung-Hee Kim, MD, PhD

10:20 AM
Case 2: Heart Transplantation Cases in Patients with LVAD Related Complication
Speaker: Kyung-Hee Kim, MD, PhD

10:30 AM
Case 3: Embolization of LAA Closure Device: How to Retrieve it?
Speaker: Jung-Sun Kim, MD

10:40 AM
Case 4: Percutaneous Closure for Failed Surgical Ligation of LAA
Speaker: Jung-Sun Kim, MD

10:50 AM
Case 5: How to Stop the Puncture Site Bleeding at High-Bifurcated Common Femoral Artery?
Speaker: Sang Yeub Lee, MD and PhD

11:00 AM
Case 6: Sudden Hypotensive Attack During Preparing for TAVI
Speaker: In-Ho Chae, MD, PhD

11:10 AM
Case 7: A Case of Pseudoaneurysm Intervention of a Patient With AF and Systolic HF
Speaker: Ji Young Park, MD, PhD

11:20 AM
Case 8: How to Repair the Free Wall Rupture in A Patient With Huge Lateral Wall Infarction?
Speaker: Sang Yeub Lee, MD and PhD

11:30 AM
Case 9: Spontaneous Intracranial Hemorrhage During Prolonged Peripheral Artery Intervention
Speaker: Ji-Hun Ahn, MD

11:40 AM
Panel Discussion: Non-Coronary Complications
Panel Moderator: In-Ho Chae, MD, PhD
Panel Moderator: Michael S. Lee, MD, FACC, FSCAI
Panel Moderator: Ayman K. Magd, MD, FSCAI
Panelist: Ji-Hun Ahn, MD
Panelist: Jae Kyeong Byun, MS
Panelist: Jinah Cha, MD
Panelist: Byoung Geol Choi, Ph.D
Panelist: Se Yeon Choi, PhD
Panelist: Sang Yeub Lee, MD and PhD
Panelist: Sung Yun Lee, MD PhD
Panelist: Jung-Sun Kim, MD
Panelist: Kyung-Hee Kim, MD, PhD
Panelist: Suk Min Seo, MD

12:10 PM
Adjourn
CRT CaseTube (Non-CME) - Sponsored by Boston Scientific Corporation

2/24/2020, 1:45 PM – 5:00 PM
Room: CRT Cinema

CRT Presents – Monday Afternoon CaseTubes

1:45 PM - 5:00 PM
1:45 PM
Live Broadcast Livecase: Live Case from Mount Sinai - New York, NY [Samin Sharma]

2:30 PM
CRT Presents – Monday CaseTubes
Moderator: Sarkis Karamijyan, MD, FACC, FSCAI
Panelist: Sarah Aftab Ahmad, MD
Panelist: Luke Brewster, MD, PhD
Panelist: Minhaj S. Khaja, MD, MBA
Panelist: Nathaniel R. Smilowitz, MD

2:30 PM
Case Four: Catheter Mitral Annuloplasty Using the Carillon Device
Speaker: Horst Sievert, MD, FSCAI, FACC

3:00 PM
Case Four: Question and Discussion

3:15 PM
Case Five: Intravascular Imaging Guided Complex PCI And Optimizing With High Definition IVUS
Speaker: Ziad Ali, MD, DPhil

3:45 PM
Case Five: Question and Discussion

4:10 PM
Live Broadcast Livecase: Live Case from MedStar Washington Hospital Center - Washington, DC [Itsik Ben-Dor & Lowell Satler]

5:00 PM
Adjourn
CRT Endovascular & CLI
2/24/2020, 8:00 AM – 5:35 PM
Room: Potomac 1-3

Course Directors
Co-Course Director: Nelson L. Bernardo, MD, FSCAI
Co-Course Director: D. Christopher Metzger, MD, FSCAI, FACC
Co-Course Director: Saher Sabri, MD
Co-Course Director: Edward Y. Woo, MD

CLI: Setting the Stage
8:00 AM - 9:30 AM

8:00 AM
CLI: Setting the Stage
Moderator: John Fritz Angle, MD
Moderator: Michael Wholey, MD, MBA, FSCAI

8:00 AM
The Approach to Patients with Claudication and Critical Limb Ischemia
Speaker: Michael R. Jaff, DO

8:10 AM
Who Should Lead the Charge on CLI? The Frontline Multidisciplinary Team or Guidelines Based on Outdated Literature?
Speaker: Jihad A. Mustapha, MD, FACC

8:20 AM
The State of Medical Therapy for PAD and CLI in 2020
Speaker: Michael A. Gaglia, Jr., MD, MSc

8:30 AM
Preventing Amputations and Mortality Medical Management
Speaker: Ido Weinberg, MD

8:40 AM
Hybrid Surgical Techniques in Lower Extremity Revascularization
Speaker: Abdullah A. Alfawaz, MD, FRCSC

8:50 AM
Role of CTA or MRA Imaging Studies in PAD
Speaker: Michael Wholey, MD, MBA, FSCAI

9:00 AM
Anticoagulation and Antiplatelet Management of CLI
Speaker: Subhash Banerjee, MD

9:10 AM
Panel Discussion: CLI Setting the Stage
Panel Moderator: John Fritz Angle, MD
Panel Moderator: Michael Wholey, MD, MBA, FSCAI
Panelist: Abdullah A. Alfawaz, MD, FRCSC
Panelist: Subhash Banerjee, MD
Panelist: Michael A. Gaglia, Jr., MD, MSc
Panelist: Michael R. Jaff, DO
Panelist: Jihad A. Mustapha, MD, FACC
Panelist: Ido Weinberg, MD

Recanalizing CTO for CLI
9:30 AM - 12:15 PM

9:30 AM
Recanalizing CTO for CLI
Moderator: William B. Bachinsky, MD, FACC, FSCAI
Moderator: Robert M. Bersin, MD, MPH, FSCAI
Moderator: Joseph V. Lombardi, MD
Moderator: D. Christopher Metzger, MD, FSCAI, FACC
9:30 AM
CTO Case Presentation
Speaker: Chava Chezar-Azerrad, MD

9:39 AM
Retrograde Interventions in CLI Using Tibio-Pedal Access: Multicenter Experience with More Than 1000 Cases
Speaker: Larry J. Diaz Sandoval, MD

9:48 AM
Non-Traditional Access in Critical Limb Ischemia
Speaker: Sasanka Jayasuriya, MD,FACC, FASE, FSCAI

9:57 AM
Pedal Access in CLI
Speaker: Peter A. Soukas, MD, FSCAI

10:06 AM
Retrograde Tibial Access and Interventions: Techniques and Indications
Speaker: Michael J. Singh, MD, FACS, RPVI

10:15 AM
Pedal Arch Revascularization: Tips and Techniques
Speaker: Carlos Mena, MD

10:24 AM
Use of IVUS in Lower-Extremity CTO
Speaker: Scott Kinlay, MBBS, PhD

10:33 AM
Plantar CTO Patterns: How to Open Digital CTOs & Arcuate Artery CTOs
Speaker: Jihad A. Mustapha, MD, FACC

10:42 AM
Endovascular Versus Open Revascularization for CLI - In Whom and When?
Speaker: Joseph V. Lombardi, MD

10:51 AM
Development of Peripheral CTO Algorithm
Speaker: Subhash Banerjee, MD

11:00 AM
Creating an Entry Point to the Subintimal Space: Alternative Techniques
Speaker: John Fritz Angle, MD

11:15 AM
Live Case from MedStar Washington Hospital Center – Washington, DC
Live Case Operator: Nelson L. Bernardo, MD, FSCAI
Moderator: William B. Bachinsky, MD, FACC, FSCAI
Moderator: Robert M. Bersin, MD, MPH, FSCAI
Moderator: D. Christopher Metzger, MD, FSCAI, FACC
Panelist: Gholam Ali, MD, FACC, FSVM,
Panelist: Rajesh Dave, MD, FACC, FSCAI
Panelist: Sasanka Jayasuriya, MD,FACC, FASE, FSCAI
Panelist: Joseph V. Lombardi, MD
Panelist: Peter A. Soukas, MD, FSCAI
Panelist: James P. Zidar, MD, FSCAI

Power Break Symposium: Foundational Skills of Stent Graft Intervention - Supported by an educational grant from Gore & Associates
12:15 PM - 1:05 PM
12:15 PM
Lunch
Treatment the Calcified Lesion: Atherectomy and Debulking

1:05 PM - 2:42 PM

1:05 PM
Treatment the Calcified Lesion: Atherectomy and Debulking
Moderator: Marianne Brodmann, MD
Moderator: Eric J. Dippel, MD

1:05 PM
Live Case from MedStar Heart and Vascular Institute – Washington, DC
Live Case Operator: Nelson L. Bernardo, MD, FSCAI
Moderator: Marianne Brodmann, MD
Moderator: Eric J. Dippel, MD
Panelist: Herbert D. Aronow, MD, MPH
Panelist: Robert M. Bersin, MD, MPH, FSCAI
Panelist: Rajesh Dave, MD, FACC, FSCAI
Panelist: Gunnar Tepe, MD
Panelist: Thomas Zeller, MD
Panelist: James P. Zidar, MD, FSCAI

2:12 PM
Atherectomy Tools for the Popliteal Artery
Speaker: Eric J. Dippel, MD

2:22 PM
Jetstream Atherectomy for the Treatment of In-stent Restenosis of the Femoropopliteal Artery: One-Year Results of the JET-ISR Study
Speaker: Nicolas W. Shammas, MD, MS

2:32 PM
Lithotripsy for Lower Extremity Endovascular Intervention: Are Atherectomy and EPDs Passe?
Speaker: Herbert D. Aronow, MD, MPH

SFA Drug-Coated Balloon and Drug-Eluting Stents

2:42 PM - 4:44 PM

2:42 PM
SFA Drug-Coated Balloon and Drug-Eluting Stents
Moderator: Robert M. Bersin, MD, MPH, FSCAI
Moderator: Gunnar Tepe, MD
Moderator: Thomas Zeller, MD

2:42 PM
Why Are We Excited about DCB for In-Stent Restenosis?
Speaker: Marianne Brodmann, MD

2:50 PM
Paclitaxel-Related Mortality - Real-World Data
Speaker: Thomas Zeller, MD

2:58 PM
All Drug-Coated Balloons Are Not Created Equal - Understanding the Virtue DCB
Speaker: James P. Zidar, MD, FSCAI

3:06 PM
Long-Term FU of Zilver-PTX from Japan PMS
Speaker: Hiroyoshi Yokoi, MD

3:14 PM
Long-Term Survival Benefit of DCB Versus DES for ISR Despite Angiographic Disadvantage of DCB
Speaker: William A. Gray, MD, FSCAI

3:22 PM
Sirolimus-Eluting Drug-Coated Balloons: Insights into Efficacy and Safety for the SFA
Speaker: Thomas Zeller, MD

3:30 PM
DCB for BTK: Clinical Challenges and Lessons Learned - SAVAL Trial: Next Steps in Drug-Eluting Stents for BTK Intervention
Speaker: Jihad A. Mustapha, MD, FACC
Recent Data from DES for PAD: Who Has the Edge ELUVIA Versus ZILVER-PTX?
Speaker: D. Christopher Metzger, MD, FSCAI, FACC

Alternatives to Drug-Eluting Balloon in Light of New FDA DEB Mortality Warning
Speaker: William A. Gray, MD, FSCAI

Atherectomy and DCB for Popliteal Artery Disease
Speaker: Scott Kinlay, MBBS, PhD

What Are the Data for DES Below the Knee?
Speaker: Constantino Peña, MD

Vessel Preparation Prior to DCB or BMS/DCS (Laser, Atherectomy and Scoring Balloon)
Speaker: Thomas Zeller, MD

Below-the-Knee Arterial Disease and the Endovascular Toolbox
Speaker: Abdullah A. Alfawaz, MD, FRCSC

Below-the-Knee Treatments with DES and DCB
Speaker: Gunnar Tepe, MD

Panel Discussion: Will DCB Play a Role for Coronary Applications in the US?
Panel Moderator: Robert M. Bersin, MD, MPH, FSCAI; Gunnar Tepe, MD; Thomas Zeller, MD
Panelist: Abdullah A. Alfawaz, MD, FRCSC
Panelist: William A. Gray, MD, FSCAI
Panelist: D. Christopher Metzger, MD, FSCAI, FACC
Panelist: Jaspreet Singh, MD
Panelist: Hiroyoshi Yokoi, MD
Panelist: James P. Zidar, MD, FSCAI

CLI Contemporary Topics 4:44 PM - 5:35 PM

CLI Contemporary Topics
Moderator: S. Elissa Altin, MD
Moderator: Tyrone J. Collins, MD, MSCAI
Moderator: Rich R. Heuser, MD, MSCAI

Keynote Lecture: Multidisciplinary Approach for a Successful CLI Management Program
Speaker: Constantino Peña, MD

Resurrection of Failed Fem-Pop Bypass with the CrossLock Device
Speaker: Rich R. Heuser, MD, MSCAI

Distal Embolic Protection: The Seat Belt of Endovascular Intervention
Speaker: Eric J. Dippel, MD

Prevention in CLI: Identifying at Risk Patients Before Gangrene
Speaker: S. Elissa Altin, MD

Panel Discussion: The Future of CLI Management
Panel Moderator: S. Elissa Altin, MD
Panel Moderator: Tyrone J. Collins, MD, MSCAI
Panel Moderator: Rich R. Heuser, MD, MSCAI
Panelist: Eric J. Dippel, MD
Panelist: D. Christopher Metzger, MD, FSCAI, FACC
Panelist: Krishna J. Rocha-Singh, MD, FACC
Panelist: Saher Sabri, MD

Adjourn
CRT Innovations HUB II & Best Innovation Competition (Non-CME) - Sponsored by Abbott

2/24/2020, 9:00 AM – 12:30 PM
Room: Innovations HUB

Course Directors
Co-Course Director: Daniel Burkhoff, MD, PhD
Co-Course Director: Selma F. Mohammed, MD, PhD
Co-Course Director: Mark A. Turco, MD
Co-Course Director: George W. Vetrovec, MD, MACC, MScAI

A Great Time for Innovation
9:00 AM - 9:40 AM
9:00 AM
A Great Time for Innovation
Moderator: Steven R. Bailey, MD, MScAI
Moderator: Robert S. Schwartz, MD, FACC, FScAI
Moderator: Mark A. Turco, MD

9:00 AM
How to Approach Industry with Innovation: To-Do and Not-to-Do List
Speaker: Charles A. Simonton, MD, FACC, FScAI

9:08 AM
How to Approach Venture Capitalists for Funding
Speaker: Yuval Binur

9:16 AM
What Does the Inventor Need to Know?
Speaker: Richard Schatz, MD

9:24 AM
Innovation for Cardiologists: Key Questions for Your Idea's Feasibility
Speaker: Stanton J. Rowe, PhD

9:32 AM
Innovation in Academic Centers: What Is Wrong and Where Are the Needs?
Speaker: Mark A. Turco, MD

The Best Innovation Competition for CRT 2020
9:40 AM - 12:30 PM
9:40 AM
The Best Innovation Competition for CRT 2020
Judge: Steven R. Bailey, MD, MScAI
Judge: Israel Barbash, MD
Judge: Louis A. Cannon, MD FACFA FCC FScAI FACC
Judge: Haim Danenberg, MD
Judge: Tim A. Fischell, MD, FACC
Judge: Aaron V. Kaplan, MD, FScAI
Judge: Robert J. Lederman, MD
Judge: Toby Rogers, MD, PhD
Judge: Martin T. Rothman, MD, MBChB
Judge: Stanton J. Rowe, PhD
Judge: Robert S. Schwartz, MD, FACC, FScAI
Judge: Mark A. Turco, MD

9:40 AM
AngelUS Health Solutions
Speaker: Marco T. Castagna, MD

9:50 AM
Innovation I: Question & Answer Discussion

9:55 AM
The Emboliner Embolic Protection Catheter: Next-Generation, Full-body Embolic Protection
Speaker: Scott Russell
10:05 AM
Innovation II: Question & Answer Discussion

10:10 AM
Non-Invasive Ultrasound Treatment of Calcific Aortic Stenosis
Speaker: Emmanuel Messas, MD

10:20 AM
Innovation III: Question & Answer Discussion

10:25 AM
XO Score: New Micro-Thin Metal Scoring Sheath
Speaker: George Adams, MD, MHS

10:35 AM
Innovation IV: Question & Answer Discussion

10:40 AM
Virtual Histology Intravascular Optical Coherence Tomography (VH-IVOCT)
Speaker: Mehmet Cilingiroglu, MD

10:50 AM
Innovation V: Question & Answer Discussion

10:55 AM
The Artificial Papillary Muscle Concept in Mitral Prolapse
Speaker: Werner Mohl, MD, PhD

11:05 AM
Innovation VI: Question & Answer Discussion

11:10 AM
The GPX Embolic Device: An Easy To Use Novel Liquid Embolic
Speaker: George Adams, MD, MHS

11:20 AM
Innovation VII Question & Answer Discussion

11:25 AM
Foldax® Tria: First in Human Implant of a Totally Synthetic Polymeric Aortic Valve
Keynote Speaker: Steven J. Yakubov, MD, FACC, MSCAI

11:35 AM
Innovation VIII: Question & Answer Discussion

11:40 AM
The V-lap: The First Wireless, Microcomputer Implant for the Management of Heart Failure Patients
Speaker: Horst Sievert, MD, FSCAI, FACC

11:50 AM
Innovation IX: Question & Answer Discussion

11:55 AM
Artificial Intelligence in Cathlab - Automated Coronary Physiology Assessment
Speaker: Edward Koifman, MD

12:05 PM
Innovation X: Question & Answer Discussion

12:10 PM
Final Referral and Question & Answer Discussion
Judge: Steven R. Bailey, MD, MSCAI
Judge: Israel Barbash, MD
Judge: Louis A. Cannon, MD FACA FCCP FSCAI FACC
Judge: Haim Danenberg, MD
Judge: Tim A. Fischell, MD, FACC
Judge: Aaron V. Kaplan, MD, FSCAI
Judge: Robert J. Lederman, MD
Judge: Toby Rogers, MD, PhD
Judge: Stanton J. Rowe, PhD
Judge: Robert S. Schwartz, MD, FACC, FSCAI
Judge: Mark A. Turco, MD
12:25 PM
Judges Discussion: Announcement of the Best CRT 2020 Innovation Award
Judge: Steven R. Bailey, MD, MScAI
Judge: Israel Barbash, MD
Judge: Louis A. Cannon, MD FACA FCCP FSCAI FACC
Judge: Haim Danenberg, MD
Judge: Tim A. Fischell, MD, FACC
Judge: Aaron V. Kaplan, MD, FSCAI
Judge: Robert J. Lederman, MD
Judge: Toby Rogers, MD, PhD
Judge: Stanton J. Rowe, PhD
Judge: Robert S. Schwartz, MD, FACC, FSCAI
Judge: Mark A. Turco, MD

12:30 PM
Adjourn
CRT Legend Presentations (Non-CME)
2/24/2020, 10:00 AM – 4:20 PM
Room: Legends Park - CRT Village

CRT Legends Park (Non-CME) - Monday Morning
Moderator: Jolanta M. Siller-Matula, MD PhD
Moderator: Daniel H. Steinberg, MD
Moderator: Moritz C. Wyler von Ballmoos, MD, PhD

10:00 AM
John S. Douglas
Faculty: John S. Douglas, Jr., MD, FSCAI

10:20 AM
Questions for the Speaker

10:45 AM
Michael Jaff
Faculty: Michael R. Jaff, DO

11:05 AM
Questions for the Speaker

11:30 AM
Fayaz Shawl
Faculty: Fayaz Shawl, MD, FACC, FACP, FSCAI

11:50 AM
Questions for the Speaker

CRT Legend Presentations (Non-CME) - Monday Afternoon
2:00 PM - 4:00 PM

2:00 PM
CRT Legends Park (Non-CME) - Monday Afternoon
Moderator: Ziyad Ghazzal, MD
Moderator: Moritz C. Wyler von Ballmoos, MD, PhD

2:00 PM
Robert Schwartz
Faculty: Robert S. Schwartz, MD, FACC, FSCAI

2:20 PM
Questions for the Speaker

2:45 PM
Chuck Simonton
Faculty: Charles A. Simonton, MD, FACC, FSCAI

3:05 PM
Questions for the Speaker

3:30 PM
Ted Feldman
Faculty: Ted Feldman, MD, MSCAI

3:50 PM
Questions for the Speaker

4:00 PM
Adjourn
CRT Valve Aortic - Session One
2/24/2020, 8:00 AM – 1:45 PM
Room: Potomac A/B

Course Directors
Co-Course Director: Eberhard Grube, MD, FSCAI
Co-Course Director: Samir R. Kapadia, MD, FSCAI
Co-Course Director: Michael Reardon, MD
Co-Course Director: Ron Waksman, MD, FSCAI

CRT Valve Aortic: TAVR & PMVR: State of the Fields
8:00 AM - 9:50 AM
8:00 AM
CRT Valve Aortic: TAVR & PMVR: State of the Fields
Moderator: Maurice Buchbinder, MD, FSCAI
Moderator: Michael Reardon, MD

8:00 AM
Live Case from MedStar Washington Hospital Center – Washington, DC
Live Case Operator: Lowell F. Satler, MD, FSCAI
Live Case Operator: Ron Waksman, MD, FSCAI
Moderator: Maurice Buchbinder, MD, FSCAI
Moderator: Michael Reardon, MD
Panelist: Megan Coylewright, MD, MPH
Panelist: Kendra J. Grubb, MD
Panelist: Eberhard Grube, MD, FSCAI
Panelist: Howard C. Herrmann, MD, FACC, MSCAI
Panelist: Samir R. Kapadia, MD, FSCAI
Panelist: Michael J. Mack, MD
Panelist: Jeffrey J. Popma, MD, FACC
Panelist: Corrado Tamburino, PhD, FESC

9:10 AM
TAVR: State of the Field After Approval of Low Risk - What Are the Remaining Issues for 2020 and Beyond?
Speaker: Eberhard Grube, MD, FSCAI

9:23 AM
TAVR: Where Are We Going from Here? Who Should Still Get SAVR? The Surgeon's Perspective
Speaker: Michael J. Mack, MD

9:36 AM
Mitral Valve Repair/Replacement: State of the Field After COAPT and MITRA-FR
Speaker: Howard C. Herrmann, MD, FACC, MSCAI

CRT Valve Aortic: Transcatheter Aortic Valves
9:50 AM - 11:30 AM
9:50 AM
CRT Valve Aortic: Transcatheter Aortic Valves
Moderator: Maurice Buchbinder, MD, FSCAI
Moderator: Michael Reardon, MD
Moderator: Ron Waksman, MD, FSCAI

9:50 AM
Valve-In-Valve: The Essentials for 2020
Speaker: Danny Dvir, MD

10:00 AM
Embolic Protection Devices - Should We Use Them More Often?
Speaker: Nicolas M. Van Mieghem, MD, PhD, FESC, FACC

10:10 AM
Second-Generation TAVR Devices: Is There Any Room for Improvement?
Speaker: Michael Reardon, MD

10:20 AM
Short transition Break to Next Live Case
10:30 AM
Live Case from MedStar Washington Hospital - Washington, DC
Live Case Operator: Itsik Ben-Dor, MD
Live Case Operator: Toby Rogers, MD, PhD
Live Case Operator: Lowell F. Satler, MD, FSCAI
Moderator: Maurice Buchbinder, MD, FSCAI
Moderator: Michael Reardon, MD
Moderator: Raj Makkar, MD, FSCAI
Panelist: Megan Coylewright, MD, MPH
Panelist: Sammy Elmariah, MD, MPH
Panelist: Kendra J. Grubb, MD
Panelist: Eberhard Grube, MD, FSCAI
Panelist: Samir R. Kapadia, MD, FSCAI
Panelist: Michael J. Mack, MD
Panelist: Jeffrey J. Popma, MD, FACC
Panelist: Corrado Tamburino, PhD, FESC
Panelist: Hendrik Treede, MD
Panelist: Steven J. Yakubov, MD, FACC, MScAI

11:15 AM
Short transition Break from Live Case to Late Breaking Trials Session

Late-Breaking Trials: Session II [Monday]
11:30 AM - 12:30 PM
11:30 AM
Late-Breaking Trials: Session II [Monday]

Power Break Symposium: Optimal Anticoagulation and Stenting Technology for ACS and STEMI - Supported by an educational grant from AstraZeneca and Biotronik AG
12:30 PM - 1:45 PM
12:30 PM
Optimal Anticoagulation and Stenting Technology for ACS and STEMI

1:45 PM
Adjourn
CRT Valve Aortic - Session Two
2/24/2020, 1:45 PM – 5:12 PM
Room: Potomac 4-6

Course Directors
Co-Course Director: Eberhard Grube, MD, FSCAI
Co-Course Director: Samir R. Kapadia, MD, FSCAI
Co-Course Director: Michael Reardon, MD
Co-Course Director: Ron Waksman, MD, FSCAI

CRT Valve Aortic: Cerebral Embolic Protection Devices
1:45 PM - 2:40 PM
1:45 PM
CRT Valve Aortic: Cerebral Embolic Protection Devices
Moderator: Samir R. Kapadia, MD, FSCAI
Moderator: Alexandra J. Lansky, MD, FSCAI

1:45 PM
Protection Devices for Stroke Prevention: Do the Data Support Routine Use?
Speaker: Nicolas M. Van Mieghem, MD, PhD, FESC, FACC

1:53 PM
Next-Generation Embolic Protection Devices
Speaker: Alexandra J. Lansky, MD, FSCAI

2:01 PM
Predictors for Procedural Stroke and Implications for Embolic Protection Device During TAVI
Speaker: Israel Barbash, MD

2:09 PM
Full-Body Embolic Protection During TAVR
Speaker: Giora Weisz, MD

2:17 PM
Logistics and Costs Using Embolic Protection for All TAVR Patients: US Experience
Speaker: Raj Makkar, MD, FSCAI

2:25 PM
Panel Discussion: Who Should Be a Candidate for Cerebral Embolic Protection Devices in 2020?
Panel Moderator: Samir R. Kapadia, MD, FSCAI
Panel Moderator: Alexandra J. Lansky, MD, FSCAI
Panelist: Israel Barbash, MD
Panelist: Raj Makkar, MD, FSCAI
Panelist: Nicolas M. Van Mieghem, MD, PhD, FESC, FACC
Panelist: Giora Weisz, MD

CRT Valve Aortic: Prevention and Management of Complications
2:40 PM - 3:44 PM
2:40 PM
CRT Valve Aortic: Prevention and Management of Complications
Moderator: Howard C. Herrmann, MD, FACC, MSCAI
Moderator: Kimberly A. Skelding, MD, FACC, FSCAI

2:40 PM
Approach for High-Risk Patients with Aortic Insufficiency
Speaker: Jason Wasfy, MD

2:48 PM
How to Manage Conduction System Disease After TAVR: Event Monitor, Pacemaker or Observation
Speaker: Arnold H. Seto, MD, MPA

2:56 PM
Large-Hole Closure Devices: Design and Clinical Experience Preventing Vascular Complications
Speaker: Nicolas M. Van Mieghem, MD, PhD, FESC, FACC

3:04 PM
Importance of Prosthesis-Patient Mismatch After TAVR
Speaker: Howard C. Herrmann, MD, FACC, MSCAI
3:12 PM
Pre TAVI PCI - A New Role for IVL Complex PCI Pre and Post TAVI
Speaker: Richard A. Anderson, MD

3:20 PM
Intravascular Lithotripsy Is the New Alternative to Alternate Access in TAVR
Speaker: Pradeep Yadav, MD

3:28 PM
How to Prevent and Manage Coronary Obstruction
Speaker: Jaffar M. Khan, BMBCh

3:36 PM
How to Manage TAVR in AF Patients
Speaker: Michael Ragosta, MD

CRT Valve Aortic: Practical and Hot Topics
3:44 PM - 4:32 PM

3:44 PM
CRT Valve Aortic: Practical and Hot Topics
Moderator: Jolanta M. Siller-Matula, MD PhD
Moderator: Moritz C. Wyler von Ballmoos, MD, PhD

3:44 PM
TAVR Valve-in-Valve in Stentless Surgical Prosthesis: Clinical Data, Tips and Tricks
Speaker: David X. Zhao, MD

3:52 PM
How to Re-Access the Coronaries and Perform PCI After TAVR
Speaker: James B. Hermiller, MD, FACC, MSCAI

4:00 PM
Optimal Antiplatelet and Antithrombotic Therapy After Transcatheter Aortic Valve Replacement
Speaker: Tarun Chakravarty, MD

4:08 PM
TAVR Durability: State of the Art
Speaker: Davide Capodanno, MD, PhD

4:16 PM
Outcomes of Left Main PCI in Patients with Severe Aortic Stenosis
Speaker: Tarun Chakravarty, MD

4:24 PM
High-Risk PCI in Severe AS
Speaker: James B. Hermiller, MD, FACC, MSCAI

CRT Valve Aortic: Show Me the Data
4:32 PM - 5:12 PM

4:32 PM
CRT Valve Aortic: Show Me the Data
Moderator: James B. Hermiller, MD, FACC, MSCAI
Moderator: Corrado Tamburino, PhD, FESC
Moderator: Hendrik Treede, MD
Moderator: David X. Zhao, MD

4:32 PM
Long-Term Data from Self-Expanding Stents
Speaker: Jeffrey J. Popma, MD, FACC

4:40 PM
PORTICO Randomized and Registries Data Update
Speaker: Gregory P. Fontana, MD

4:48 PM
Update on the Status of the Lotus Valve
Speaker: Michael Reardon, MD

4:56 PM
Update on the Acurate Neo Valve
Speaker: Alexandre A. Abizaid, MD, PhD
5:04 PM
Update on the Status of the Valves for Aortic Regurgitation
Speaker: Hendrik Treede, MD

5:12 PM
Adjourn
FDA Valve & Structural Town Hall (Non-CME)
2/24/2020, 12:30 PM – 5:00 PM
Room: Potomac C

Course Directors
Co-Course Director: Fernando Aguel, MS
Co-Course Director: Andrew Farb, MD
Co-Course Director: Nicole Ibrahim, PhD
Co-Course Director: Ron Waksman, MD, FSCAI
Co-Course Director: Changfu Wu, PhD

Circulatory Support for Shock
12:30 PM - 1:50 PM
12:30 PM
Circulatory Support for Shock
Moderator: Fernando Aguel, MS
Moderator: Nihar Desai, MD, MPH
Moderator: Mitchell Krucoff, MD, FACC
12:30 PM
Clinical Trials Challenges and Solutions - Are We Ready for RCTs
Speaker: William T. Abraham, MD
12:40 PM
Report from the CSRC Shock Meetings
Speaker: Mitchell Krucoff, MD, FACC
12:50 PM
FDA Perspectives on Clinical Evidence Development and Device Labeling
Speaker: John S. Sapirstein, MD
1:00 PM
Challenges with Randomized Clinical Trials: An Industry Perspective
Speaker: Seth D. Bilazarian, MD
1:10 PM
Cardiogenic Shock Trial Design: Global Experience Update
Speaker: Holger Thiele, MD
1:20 PM
Utility of VA ECMO for Patients with Cardiac Arrest and Cardiogenic Shock
Speaker: Maya Guglin, MD
1:30 PM
Panel Discussion: Future Directions for Device and Drug Development in Shock
Panel Moderator: Fernando Aguel, MS
Panel Moderator: Nihar Desai, MD, MPH
Panel Moderator: Mitchell Krucoff, MD, FACC
Panelist: William T. Abraham, MD
Panelist: Philip Adamson, MD, MSc, FACC, FRCP (Ed)
Panelist: Seth D. Bilazarian, MD
Panelist: Joaquin E. Cigarroa, MD
Panelist: Ian C. Gilchrist, Sr., MD, FSCAI
Panelist: Maya Guglin, MD
Panelist: Timothy D. Henry, MD
Panelist: John S. Sapirstein, MD
Panelist: Holger Thiele, MD

Transcatheter Mitral Repair and Replacement Devices
1:50 PM - 3:10 PM
1:50 PM
Transcatheter Mitral Repair and Replacement Devices
Moderator: Steven Bolling, MD
Moderator: Changfu Wu, PhD
1:50 PM
How COAPT Should Change Future Clinical Trials for FMR?
Speaker: Gregg W. Stone, MD, FSCAI

1:58 PM
The European Interpretation of MITRA-FR Versus COAPT
Speaker: Hendrik Treede, MD

2:06 PM
Study Designs Considerations for Transcatheter Mitral Valve Therapies: Repair Versus Replacement Post COAPT: FDA View
Speaker: Mauro Moscucci, MD

2:14 PM
Industry Challenges to Mitral Valve Solutions in 2020?
Speaker: Ted Feldman, MD, MSCAI

2:22 PM
Transcatheter Mitral Valve Therapies: Academic Perspectives
Speaker: Michael J. Mack, MD

2:30 PM
Panel Discussion: What Should Be the Future of Studies for FMR and DMR?
Panel Moderator: Steven Bolling, MD
Panel Moderator: Changfu Wu, PhD
Panelist: Ted Feldman, MD, MSCAI
Panelist: Mayra E. Guerrero, MD, FACC, FSCAI
Panelist: Saibal kar, MD, FSCAI, FACC
Panelist: Michael J. Mack, MD
Panelist: Neil E. Moat, MS FRCS
Panelist: Mauro Moscucci, MD
Panelist: Gregg W. Stone, MD, FSCAI

3:00 PM
Afternoon Break

Transcatheter Tricuspid Repair and Replacement Devices: Unmet Clinical Needs and Opportunities

3:10 PM - 4:10 PM
3:10 PM
Transcatheter Tricuspid Repair and Replacement Devices: Unmet Clinical Needs and Opportunities
Moderator: Isaac George, MD
Moderator: Jaime Raben, PhD

3:10 PM
Industry Perspective
Speaker: Neil E. Moat, MS FRCS

3:20 PM
Transcatheter Tricuspid Valve Repair: What Should Be the Success Criteria?
Speaker: Steven Bolling, MD

3:30 PM
Update from Early FIH/EFS Trials of Tricuspid Valve Repair Technologies: Challenges, Lessons Learned, and Opportunities
Speaker: Sunil V. Mankad, MD

3:40 PM
Regulatory Perspectives on Transcatheter Tricuspid Valve Devices
Speaker: Ankurita Datta, MS
Panel Discussion: How to Move Clinical Trials for Mitral and Tricuspid Repair/Replacement Forward
Panel Moderator: Isaac George, MD
Panel Moderator: Jaime Raben, PhD
Panelist: Ankurita Datta, MS
Panelist: Steven Bolling, MD
Panelist: Neil E. Moat, MS FRCS
Panelist: Bernard Vasseur, MD

LAA Closure
4:10 PM - 5:00 PM
4:10 PM
LAA Closure
Moderator: Saibal kar, MD, FSCAI, FACC
Moderator: Rachel Neubrander, PhD

4:10 PM
Status of Ongoing Clinical Trials
Speaker: Vivek Reddy, MD

4:20 PM
FDA Perspectives on New LAA Closure Devices and Labeling Expansion
Speaker: Kan Fang, MD

4:30 PM
Industry Perspective: Challenges with Clinical Trials for Labeling Expansion
Speaker: Dominic Allocco, MD, MS

4:40 PM
Panel Discussion and Question and Answer: LAA Closure Future Directions
Panel Moderator: Rachel Neubrander, PhD
Panel Moderator: Saibal kar, MD, FSCAI, FACC
Panelist: Dominic Allocco, MD, MS
Panelist: Kan Fang, MD
Panelist: Andrew Farb, MD
Panelist: Vivek Reddy, MD
Panelist: Manish H. Shah, MD
Panelist: Ron Waksman, MD, FSCAI

TAVR Durability: A Midterm Report Card
5:00 PM - 5:40 PM
5:00 PM
TAVR Durability: A Midterm Report Card
Moderator: Nicole Ibrahim, PhD
Moderator: Jeffrey J. Popma, MD, FACC

5:00 PM
Structural Valve Deterioration: A 5-Year Update From the PARTNER 2A Trial
Speaker: Davide Capodanno, MD, PhD

5:08 PM
Industry View
Speaker: Larry L. Wood

5:16 PM
FDA View
Speaker: Jennifer Bastijanic, PhD
Panel Discussion: How Should We Interpret the Midterm TAVR Durability and Use It to Guide Clinical Practice Before We Know the Long-Term Durability
Panel Moderator: Nicole Ibrahim, PhD
Panel Moderator: Jeffrey J. Popma, MD, FACC
Panelist: Jennifer Bastijanic, PhD
Panelist: Davide Capodanno, MD, PhD
Panelist: Danny Dvir, MD
Panelist: Gregory P. Fontana, MD
Panelist: Raj Makkar, MD, FSCAI
Panelist: Michael Reardon, MD
Panelist: Larry L. Wood
Panelist: Ron Waksman, MD, FSCAI
Panelist: Changfu Wu, PhD
Panelist: Steven J. Yakubov, MD, FACC, MSCI

5:40 PM
Adjourn
Interventions at the VA: Most Interesting Cases
2/24/2020, 9:00 AM – 12:00 PM
Room: Baim Theater

Course Directors
Co-Course Director: Subhash Banerjee, MD
Co-Course Director: Vasilios Papademetriou, MD, DSc

Interventions at the VA: Case-Based Presentations: Session One
9:00 AM - 10:30 AM
9:00 AM
Interventions at the VA: Case-Based Presentations: Session One
Moderator: Crispin Davies, MD FACC
Moderator: Vasilios Papademetriou, MD, DSc

9:00 AM
Case One: Title to be Determined
Speaker: Poorna R. Karuparthi, MD

9:10 AM
Case Two: Title to be Determined
Speaker: Gautam Kumar, MD, FSCAI

9:20 AM
Case Three: Case-Based Mitral Clip: It’s Worth it! A Recorded Case
Speaker: Christian D. Nagy, MD, PhD

9:30 AM
Case Four: Unprotected but Supported Left Main PCI: Its Worth It!
Speaker: Vasilios Papademetriou, MD, DSc

9:40 AM
Case Five: PCI in a Patient with Very Low EF: To Protect or Not Protect?
Speaker: Kul Aggarwal, MD, FACC

9:50 AM
Case Seven: Just Throw Some Stents in the Right
Speaker: Crispin Davies, MD FACC

10:00 AM
Panel Discussion: Interventions at the VA Cases: Protected PCI Session I
Panel Moderator: Crispin Davies, MD FACC
Panel Moderator: Vasilios Papademetriou, MD, DSc
Panelist: Kul Aggarwal, MD, FACC
Panelist: Poorna R. Karuparthi, MD
Panelist: Gautam Kumar, MD, FSCAI
Panelist: Christian D. Nagy, MD, PhD

Interventions at the VA Cases: Protected PCI Session Two
10:30 AM - 12:00 PM
10:30 AM
Interventions at the VA Cases: Protected PCI Session Two
Moderator: Tamara Atkinson, MD
Moderator: Ali Denktas, MD, FACC
Moderator: Elias V. Haddad, MD

10:30 AM
Case One: CTO Case to Improve Angina - Is it Worth the Risk?
Speaker: Elias V. Haddad, MD

10:40 AM
Case Two: Complex PCI in a Patient with Multivessel Disease and STEMI: What to Do and What Not to Do
Speaker: Ali Denktas, MD, FACC

10:50 AM
Case Three: Title to be Determined
Speaker: Charles Y. Lui, MD, MSc
11:00 AM
Case Four: Title to be Determined
Speaker: Huu Tam Truong, MD

11:10 AM
Case Five: Title to be Determined
Speaker: David Lu, MD

11:20 AM
Case Six: Title to be Determined
Speaker: Jayant Bagai, MD

11:30 AM
Panel Discussion: Interventions at the VA Cases: Protected PCI
Panel Moderator: Tamara Atkinson, MD
Panel Moderator: Ali Denktas, MD, FACC
Panel Moderator: Elias V. Haddad, MD
Panelist: Jayant Bagai, MD
Panelist: David Lu, MD
Panelist: Charles Y. Lui, MD, MSc
Panelist: Huu Tam Truong, MD

12:00 PM
Adjourn
Japan FDA Town Hall: Harmonization by Doing: New Horizons in Japan-US Synergies (Non-CME)

2/24/2020, 9:00 AM – 5:15 PM
Room: National Harbor 6-7

Course Directors
Co-Course Director: Fumiaki Ikeno, MD
Co-Course Director: Mitchell Krucoff, MD, FACC

Plenary Session: Pathways of Japan-USA Device Innovation Synergies
9:00 AM - 9:30 AM

9:00 AM
Introduction to HBD and US-Japanese Collaborations Past, Present and Future
Speaker: Mitchell Krucoff, MD, FACC

9:15 AM
New Japanese Pharmaceuticals and Medical Devices Act
Speaker: Fumihi Takanashi, MPH

Session I: Real-World Evidence for Regulatory Science: How Are We “Doing?”
9:30 AM - 11:00 AM

9:30 AM
Real-World Evidence In Japan: Practical Considerations For Data Collection And Use
Speaker: Junya Ako, MD

9:40 AM
What Has The US Learned From Collecting And Using Real-World Evidence So Far?
Speaker: Misti Malone, PhD

9:50 AM
Japanese Regulatory Efforts To Promote And Accept Real-World Evidence
Speaker: Koji Mineta

10:00 AM
Special Panel On Registry Based Prospective Randomized Trials: A Global View - Randomized Trials Using Registry Infrastructure: USA View
Speaker: Mitchell Krucoff, MD, FACC

10:10 AM
Special Panel On Registry Based Prospective Randomized Trials: A Global View - JMACS Successes, Challenges & Lessons Learned: Japan View
Speaker: Kazuhiro Sase, MD, PhD
Panel Discussion: Priorities For Pragmatic Progress: What Do We Need To “Do”?
Panel Moderator: Kenneth Cavanaugh, PhD
Panel Moderator: Chie Iwaishi
Panel Moderator: Yukio Ozaki, MD, FACC, FESC, FSCAI
Panel Moderator: Kazuhiro Sase, MD, PhD
Panelist: Junya Ako, MD
Panelist: Mitchell Krucoff, MD, FACC
Panelist: Misti Malone, PhD
Panelist: Koji Mineta
Panelist: Fumihito Takanashi, MPH

10:45 AM
Break

Session II: Safety Signal Discernment With Paclitaxel Devices For PAD: From RCT & RWE To The Totality Of The Data As A Global Challenge For “Doing”

11:00 AM - 12:30 PM
11:00 AM
Session II: Safety Signal Discernment With Paclitaxel Devices For PAD: From RCT & RWE To The Totality Of The Data As A Global Challenge For “Doing”
Moderator: Koji Ikeda, PhD
Moderator: Aaron Lottes, PhD
Moderator: Misti Malone, PhD
Moderator: Kazuhisa Senshu, PhD
Moderator: Hiroyoshi Yokoi, MD

11:00 AM
Moving From “Signal Detection” To “Signal Discernment”: An FDA View
Speaker: Sara Royce, PhD

11:15 AM
Statistical Considerations: Competing Risk, Pooling Data, RCT Vs. Observational Data
Speaker: Roseann M. White, MA

11:30 AM
Safety Of PTX Devices For PAD In Japan: Academic View
Speaker: Hiroyoshi Yokoi, MD

11:45 AM
Panel Discussion: Pathways Forward And Next Steps For “Doing”
Panel Moderator: Koji Ikeda, PhD
Panel Moderator: Aaron Lottes, PhD
Panel Moderator: Misti Malone, PhD
Panel Moderator: Kazuhisa Senshu, PhD
Panel Moderator: Hiroyoshi Yokoi, MD
Panelist: Sara Royce, PhD
Panelist: Roseann M. White, MA

Break for Lunch

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

Session III: Heart Failure Treatment Devices Including Cardiogenic Shock: How Can We Evaluate Risk Benefit Balance of These Medical Devices

1:30 PM - 2:25 PM
1:30 PM
Session III: Heart Failure Treatment Devices Including Cardiogenic Shock: How Can We Evaluate Risk Benefit Balance of These Medical Devices
Moderator: Yuji Ikari, MD, PhD
Moderator: Fumiaki Ikeno, MD
Moderator: Kazuhisa Senshu, PhD
1:30 PM
Clinical and Regulatory Landscape for Cardiogenic Shock: FDA
Speaker: Meir Shinnar, MD PhD

1:40 PM
How to Evaluate Benefit-Risk Balance of Medical Devices for Heart Failure With InterAtrial Shunt Device - Regulatory View
Speaker: Sara Takahashi

1:50 PM
Patient Preference About Congestive Heart Failure Devices in Japan and US
Speaker: Shelby D. Reed, PhD

2:00 PM
Updated J-MACS registry
Speaker: Kazuhiro Sase, MD, PhD

2:10 PM
Panel Discussion: Heart Failure Treatment Devices Including Cardiogenic Shock: How Can We Evaluate Risk Benefit Balance of These Medical Devices
Panel Moderator: Yuji Ikari, MD, PhD
Panel Moderator: Fumiaki Ikeno, MD
Panel Moderator: Kazuhisa Senshu, PhD
Panelist: Shelby D. Reed, PhD
Panelist: Kazuhiro Sase, MD, PhD
Panelist: Meir Shinnar, MD PhD
Panelist: Sara Takahashi

Session IV: Japan-USA Global Clinical Trials Including Early Feasibility Studies: What Are We “Doing”?

2:25 PM - 4:00 PM
2:25 PM
Session IV: Japan-USA Global Clinical Trials Including Early Feasibility Studies: What Are We “Doing”??
Moderator: Neal E. Fearnot, PhD
Moderator: Yuji Ikari, MD, PhD
Moderator: Fumiaki Ikeno, MD
Moderator: Takahiro Uchida, MD, MSc

2:25 PM
The Basic Regulation Pathway For Clinical Trial In Japan Compared To US Regulation
Speaker: Moe Ohashi, M.S.

2:35 PM
The Basic Regulation Pathway For Early Feasibility Study In US
Speaker: Hajira Ahmad, PhD

2:45 PM
Experience On The Global Clinical Trial ~JP Industry’s View~
Speaker: Kazuhisa Senshu, PhD

2:55 PM
Experience On The Early Feasibility Study ~US Industry’s View
Speaker: Robert Thatcher, MBA

3:05 PM
Panel Discussion: Japan-USA Global Clinical Trials Including Early Feasibility Studies: What Are We “Doing”??
Panel Moderator: Neal E. Fearnot, PhD
Panel Moderator: Yuji Ikari, MD, PhD
Panel Moderator: Fumiaki Ikeno, MD
Panel Moderator: Takahiro Uchida, MD, MSc
Panelist: Hajira Ahmad, PhD
Panelist: Moe Ohashi, M.S.
Panelist: Kazuhisa Senshu, PhD
Panelist: Robert Thatcher, MBA
Session V: PCI In High-Bleeding-Risk (HBR) Population

4:00 PM - 5:15 PM

4:00 PM
Session V: PCI In High-Bleeding-Risk (HBR) Population
Moderator: Neal E. Fearnot, PhD
Moderator: Yuji Ikari, MD, PhD
Moderator: Fumiaki Ikeno, MD
Moderator: Koji Ikeda, PhD
Moderator: Yuka Suzuki, PhD

4:00 PM
ARC Definition Of High Bleeding Risk: Global Impact On HBR PCI Clinical Studies?
Speaker: Mitchell Krucoff, MD, FACC

4:10 PM
PCI For HBR Patients In Japan: Current Clinical Treatment And Post-Market Treatment
Speaker: Junya Ako, MD

4:20 PM
Study Design Considerations For HBR Patients And DES Platforms: FDA View
Speaker: P F Adrian Magee, MD

4:30 PM
Study Design Considerations For HBR Patients In Japan
Speaker: Sara Takahashi

4:40 PM
Panel Discussion: Are We Ready For Global HBR Studies?
Panel Moderator: Neal E. Fearnot, PhD
Panel Moderator: Yuji Ikari, MD, PhD
Panel Moderator: Koji Ikeda, PhD
Panel Moderator: Fumiaki Ikeno, MD
Panel Moderator: Yuka Suzuki, PhD
Panelist: Junya Ako, MD
Panelist: Mitchell Krucoff, MD, FACC
Panelist: P F Adrian Magee, MD
Panelist: Sara Takahashi

5:15 PM
Adjourn
Late-Breaking Trials: Session II [Monday]
2/24/2020, 11:30 AM – 12:30 PM
Room: Potomac A/B

Late-Breaking Trials: Session II [Monday]
Panel Moderator: Suzanne J. Baron, MD, MSc
Panel Moderator: Kendra J. Grubb, MD
Panel Moderator: Michael Reardon, MD
Panelist: Jeffrey J. Popma, MD, FACC
Panelist: Mayra E. Guerrero, MD, FACC, FSCAI

11:30 AM
Comparison of Valve Performance of The Intra-Annular Self-Expanding Portico™ Transcatheter Aortic Valve with Contemporary Supra-Annular Self-Expanding and Intra-Annular Balloon-Expandable Valves: Insights From the PORTICO IDE Trial
Speaker: Raj Makkar, MD, FSCAI

11:40 AM
Discussion

11:50 AM
Transcatheter Aortic Valve Replacement in Low Risk Patients with Bicuspid Aortic Valve
Speaker: Ron Waksman, MD, FSCAI

12:00 PM
Discussion

12:10 PM
Incidence, Predictors and Outcomes of Acute Kidney Injury in Patients Undergoing Transcatheter Aortic Valve Replacement: Insights from the NCDR-TVT Registry
Speaker: Howard Julien, MD

12:20 PM
Discussion

12:30 PM
Adjourn
Masters Transradial Interventions - Supported by an educational grant from Terumo Interventional Systems

2/24/2020, 8:00 AM – 4:00 PM
Room: Potomac D

Course Directors
Co-Course Director: Olivier F. Bertrand, MD, PhD, FSCAI
Co-Course Director: Ian C. Gilchrist, Sr., MD, FSCAI
Co-Course Director: Sunil V. Rao, MD, FSCAI

Masters Sessions in Transradial Intervention
8:00 AM - 9:00 AM
8:00 AM
Masters Sessions in Transradial Intervention
Moderator: Ramon Quesada, FACP, FACC, FSCA
Moderator: Daniel H. Steinberg, MD
Moderator: David X. Zhao, MD

8:00 AM
Why Ultrasound Guidance Should Be Used for Every Arterial and Venous Access from the Wrist/Arm
Speaker: Jonathan Roberts, MD

8:08 AM
Radial Hemostasis and Radial Injury
Speaker: Ronald P. Caputo, MD, FSCAI, FACC

8:16 AM
Dorsal Radial Access: A Distraction or an Attraction?
Speaker: Ian C. Gilchrist, Sr., MD, FSCAI

8:24 AM
Opening Debate: Set up for Left Transradial Access – It’s Superior
Speaker: Mirvat Alasnag, FSCAI, FACP

8:34 AM
Opening Debate: Proximal Right Radial Access: An Attraction, No Need to Substitute
Speaker: Ian C. Gilchrist, Sr., MD, FSCAI

8:44 AM
Panel Discussion: Getting Safe Access, Start with Radial
Panel Moderator: Ramon Quesada, FACP, FACC, FSCA
Panel Moderator: Daniel H. Steinberg, MD
Panel Moderator: David X. Zhao, MD
Panelist: Mirvat Alasnag, FSCAI, FACP
Panelist: Ronald P. Caputo, MD, FSCAI, FACC
Panelist: Ian C. Gilchrist, Sr., MD, FSCAI
Panelist: Sandeep Nathan, MD, MSc
Panelist: Jonathan Roberts, MD

Radial Challenging Cases
9:00 AM - 9:24 AM
9:00 AM
Radial Challenging Cases
Moderator: Olivier F. Bertrand, MD, PhD, FSCAI
Moderator: Ion S. Jovin, MD

9:00 AM
Radial Complications - How to Avoid and How to Treat
Speaker: Ion S. Jovin, MD

9:08 AM
Does Arteria Lusoria Prevent Right Radial Access?
Speaker: James C. Blankenship, MD, MHCM, MSCAI

9:16 AM
Mastering Ulnar Access
Speaker: Mladen I. Vidovich, MD, FACC, FSCAI
Masters Sessions in Transradial Intervention II

9:24 AM - 12:10 PM

9:24 AM
Masters Sessions in Transradial Intervention II
Moderator: Ramon Quesada, FACP, FACC, FSCA
Moderator: Sunil V. Rao, MD, FSCAI
Moderator: Alok Sharma, MD, FACC

9:24 AM
Tips and Tricks for Trans Radial Cath
Speaker: Varinder P. Singh, MD

9:32 AM
Use of Distal Transradial Access for Performing Complex Coronary Interventions
Speaker: Alok Sharma, MD, FACC

9:40 AM
Keys to a Successful Radial Discharge Lounge
Speaker: John C. Wang, MD, MSc, FSCAI

9:48 AM
Tips and Tricks: Antecubital Venous Access for Right Heart Procedures
Speaker: Edo Kaluski, MD, FSCAI

9:56 AM
Update on Radiation Safety and Robotics in Transradial Coronary Intervention
Speaker: Paul T. Campbell, MD

10:04 AM
Radial Artery Spasm
Speaker: Michael P. Savage, MD

10:12 AM
Sheathless Radial PCI
Speaker: John C. Wang, MD, MSc, FSCAI

10:20 AM
Radial Loops and Difficult Catheter Manipulation
Speaker: Mauricio G. Cohen, MD

10:28 AM
Transradial Access for Peripheral and Carotid Vascular Inventions: Challenges and Opportunities
Speaker: William B. Bachinsky, MD, FACC, FSCAI

10:36 AM
Tips and Tricks in Overcoming Difficult Radial Access Anatomic Problems
Speaker: Michael A. Kutcher, MD

10:44 AM
Left Main PCI via Radial Access
Speaker: Yuji Ikari, MD, PhD

10:52 AM
Radial Artery for Subclavian Intervention
Speaker: Olivier F. Bertrand, MD, PhD, FSCAI

11:00 AM
Same Day Discharge for Complex PCI
Speaker: Mazen S. Abu-Fadel, MD

11:08 AM
Live Case from Royal Victoria Hospital - Belfast, Ireland
Live Case Operator: Colm Hanratty
Moderator: Mauricio G. Cohen, MD
Moderator: Ian C. Gilchrist, Sr., MD, FSCAI
Moderator: John C. Wang, MD, MSc, FSCAI
Panelist: Olivier F. Bertrand, MD, PhD, FSCAI
Panelist: Steven Goldberg, MD, FSCAI, FACC
Panelist: Sunil V. Rao, MD, FSCAI
Panelist: Michael P. Savage, MD
Panelist: Varinder P. Singh, MD
Power Break Symposium: PCI Without Borders Utilizing Atherectomy and Other Tools to Optimize Intervention in High Risk Patients - Supported by an educational grant from Cardiovascular Systems, Inc.

12:10 PM - 1:15 PM
PCI Without Borders Utilizing Atherectomy and Other Tools to Optimize Intervention in High Risk Patients

Radial for Lesion Subsets
1:15 PM - 4:00 PM
1:15 PM
Radial for Lesion Subsets
Moderator: Varinder p. Singh, MD
Moderator: Daniel H. Steinberg, MD

1:15 PM
Live Case from University of Illinois, Chicago - Chicago, IL
Live Case Operator: Adhir Shroff, MD, MPH
Moderator: Perwaiz M. Meraj, MD, FSCAI
Moderator: Sandeep Nathan, MD, MSc
Panelist: Olivier F. Bertrand, MD, PhD, FSCAI
Panelist: Jeff W. Chambers, MD, FSCAI, FACC
Panelist: Gautam Kumar, MD, FSCAI
Panelist: Jasvinder Singh, MD

2:00 PM
Radial STEMI - Toolbox for Success
Speaker: Sunil V. Rao, MD, FSCAI

2:10 PM
Transradial Coronary Intervention in Cardiogenic Shock
Speaker: Abdulla A. Damluji, MD, PhD, MPH

2:20 PM
Management of TRI Patients on Oral Anticoagulant Therapy
Speaker: Daniel H. Steinberg, MD

2:30 PM
Can Choice of Access Result in Legal Jeopardy?
Speaker: Ian C. Gilchrist, Sr., MD, FSCAI

2:40 PM
Avoid the Groin: Using Bilateral Radial Access for CTO PCI
Speaker: Perwaiz M. Meraj, MD, FSCAI

2:50 PM
Left Main PCI: Patient Selection and Techniques in 2020
Speaker: Ramon Quesada, FACP, FACC, FSCA

3:00 PM
Uses of Distal Radial Access, Are We There Yet?*
Speaker: Karim Al-Azizi, MD, FACC, FSCAI

3:10 PM
Transradial Artery Bypass Graft Angiography & Intervention: Catheter Selection
Speaker: Bina Ahmed, MD, FACC FSCAI

3:20 PM
Final Debate: With All Due Respect, I Stick to Femoral
Speaker: Richard Shlofmitz, MD

3:30 PM
Final Debate: Go TRA for All PCI, Abolish Femoral Access
Speaker: Sunil V. Rao, MD, FSCAI
3:40 PM
Panel Discussion: How to Broaden Radial Use to All PCI for All Subsets of Patients
Panel Moderator: Samir B. Pancholy, MD, FSCAI
Panel Moderator: Varinder P. Singh, MD
Panel Moderator: Daniel H. Steinberg, MD
Panelist: Bina Ahmed, MD, FACC FSCAI
Panelist: Karim Al-Azizi, MD, FACC, FSCAI
Panelist: Abdulla A. Damluji, MD, PhD, MPH
Panelist: Ian C. Gilchrist, Sr., MD, FSCAI
Panelist: Perwaiz M. Meraj, MD, FSCAI
Panelist: Ramon Quesada, FACP, FACC, FSCAI
Panelist: Sunil V. Rao, MD, FSCAI
Panelist: Richard Shlofmitz, MD

4:00 PM
Adjourn
Meet the Experts - CTO - Supported by an educational grant from Boston Scientific Corporation

2/24/2020, 5:00 PM – 6:00 PM
Room: Lower Atrium
Meet the Experts - CTO

5:00 PM
Case Presentation #1
Speaker: Perwaiz M. Meraj, MD, FSCAI

5:15 PM
Case Presentation #2
Speaker: Sudeshna Banerjee, MD

5:30 PM
Case Presentation #3
Speaker: Kate E. Kearney, MD

5:45 PM
Panel Discussion

6:00 PM
Adjourn
Morning Symposium: CRT Valve & Structural Heart for the Surgeon: Session II

2/24/2020, 6:30 AM – 7:55 AM
Room: National Harbor 2-3
CRT Valve & Structural Heart for the Surgeon: Session II
Moderator: Kendra J. Grubb, MD
Moderator: Michael Reardon, MD
Moderator: Christian Shults, MD

6:30 AM
Breakfast

6:45 AM
Should Cardiothoracic Surgeons Be Trained in Endovascular Techniques or Focus on Becoming Proficient in Open Chest Procedures?
Speaker: Jeffrey Southard, MD, FACC, FSCAI

6:55 AM
Alternative Access – Suprasternal
Speaker: Isaac George, MD

7:05 AM
Speaker: Jeffrey Southard, MD, FACC, FSCAI

7:15 AM
Cracking of a Surgically Placed Aortic Valve with TAVR
Speaker: Isaac George, MD

7:25 AM
Valve Durability: Is the Burden of Proof Being Evenly Applied to SAVR and TAVR?
Speaker: Robert P. Gooley, PhD, MBBS, MBA

7:35 AM
What Can TAVR Offer for Patients with Pure Aortic Regurgitation?
Speaker: Hendrik Treede, MD

7:45 AM
Panel Discussion: The Role of the Surgeon in TAVR Procedures in 2020
Panel Moderator: Kendra J. Grubb, MD
Panel Moderator: Michael Reardon, MD
Panel Moderator: Christian Shults, MD
Panelist: Isaac George, MD
Panelist: Robert P. Gooley, PhD, MBBS, MBA
Panelist: Jeffrey Southard, MD, FACC, FSCAI
Panelist: Robert Stoler, MD
Panelist: Hendrik Treede, MD

7:55 AM
Adjourn
Morning Symposium: DCB Technology Symposium

2/24/2020, 6:30 AM – 7:45 AM
Room: National Harbor 10-11

DCB Technology Symposium
Moderator: Aloke V. Finn, MD
Moderator: Bruno Scheller, MD

6:30 AM
Breakfast

6:45 AM
The Effects of Paclitaxel-DCB on Preclinical Plaque Inflammation and Progression
Speaker: Farouc A. Jaffer, MD, PhD

6:55 AM
What Are the Pathological Concerns and Limitations of Current DCB Technology?
Speaker: Aloke V. Finn, MD

7:05 AM
Status of DCB for Coronary Interventions in the USA
Speaker: Jorge F. Saucedo, MD, MBA

7:15 AM
DCB Only in De Novo Lesions - Summary of "Niche" Indications
Speaker: Bruno Scheller, MD

7:25 AM
Update on the Role of DCB for Small Coronary Vessels
Speaker: Bernardo Cortese, MD, FESC

7:35 AM
Virtue Sirolimus-Eluting Balloon: SABRE II Trial
Speaker: Dean J. Kereiakes, MD, FACC, FSCAI

7:45 AM
Adjourn
Update on Lithotripsy Therapy for Calcified Lesions
Moderator: Sunil V. Rao, MD, FSCAI
Moderator: Peter A. Soukas, MD, FSCAI

6:30 AM
Breakfast

6:45 AM
Introduction to IVL
Speaker: Rajiv Tayal, MD, MPH, FSCAI

6:55 AM
IVL: New Alternative to Alternative Access
Speaker: Howard C. Herrmann, MD, FACC, MSCAI

7:05 AM
IVL for Peripheral Calcium
Speaker: D. Christopher Metzger, MD, FSCAI, FACC

7:15 AM
Real-World Experience IVL for Coronary Calcification
Speaker: Richard A. Anderson, MD

7:25 AM
Disrupt CAD III: Study Design and Overview
Speaker: Richard Shlomfritz, MD

7:35 AM
Panel Discussion: Update on Lithotripsy Therapy for Calcified Lesions
Panel Moderator: Sunil V. Rao, MD, FSCAI
Panel Moderator: Peter A. Soukas, MD, FSCAI
Panelist: Richard A. Anderson, MD
Panelist: Howard C. Herrmann, MD, FACC, MSCAI
Panelist: D. Christopher Metzger, MD, FSCAI, FACC
Panelist: Richard Shlomfritz, MD
Panelist: Rajiv Tayal, MD, MPH, FSCAI

7:45 AM
Adjourn
Foundational Skills of Stent Graft Intervention
Moderator: Robert M. Bersin, MD, MPH, FSCAI
Moderator: Edward Y. Woo, MD

12:15 PM
Lunch

12:25 PM
Ascending Aorta Percutaneous Intervention – When, How and Outcomes
Speaker: Edward Y. Woo, MD

12:35 PM
Long Stent Grafts for the SFA Recanalization and Synergism with DCB
Speaker: Gunnar Tepe, MD

12:45 PM
Femoral Popliteal Disease Update on Management with Stent Grafts
Speaker: Jihad A. Mustapha, MD, FACC

12:55 PM
Bailout Using Stent Grafts Stents for Iliac and Femoral Complications
Speaker: Nelson L. Bernardo, MD, FSCAI

1:05 PM
Adjourn
Power Break Symposium: Optimal Anticoagulation and Stenting Technology for ACS and STEMI - Supported by an educational grant from AstraZeneca and Biotronik AG

2/24/2020, 12:35 PM – 1:45 PM
Room: Potomac A/B
Optimal Anticoagulation and Stenting Technology for ACS and STEMI
Moderator: James B. Hermiller, MD, FACC, MSCAI
Moderator: Ron Waksman, MD, FSCAI

12:35 PM
Lunch

12:45 PM
Myth and Truth on ISAR REACT 5
Speaker: Subhash Banerjee, MD

12:55 PM
Ultrathin Strut — Strengths of the Clinical Evidence in Head-to-Head Trials
Speaker: Sripal Bangalore, MD, MHA, FACC, FAHA, FSCAI

1:05 PM
Lessons from BIOSTEMI Utilizing the Orsiro Stents
Speaker: Thomas Pilgrim, MD

1:15 PM
Device Selection in High-Risk Groups: STEMI and Beyond
Speaker: In-Ho Chae, MD, PhD

1:25 PM
Continued Care with Anticoagulation post MI
Speaker: David J. Cohen, MD, FSCAI

1:35 PM
Panel Discussion
Panel Moderator: James B. Hermiller, MD, FACC, MSCAI
Panel Moderator: Ron Waksman, MD, FSCAI
Panelist: Subhash Banerjee, MD
Panelist: Sripal Bangalore, MD, MHA, FACC, FAHA, FSCAI
Panelist: In-Ho Chae, MD, PhD
Panelist: David J. Cohen, MD, FSCAI
Panelist: Thomas Pilgrim, MD

1:45 PM
Adjourn
Power Break Symposium: PCI Without Borders Utilizing Atherectomy and Other Tools to Optimize Intervention in High Risk Patients - Supported by an educational grant from Cardiovascular Systems, Inc.

2/24/2020, 12:10 PM – 1:15 PM
Room: Potomac D

PCI Without Borders Utilizing Atherectomy and Other Tools to Optimize Intervention in High Risk Patients
Moderator: Jeff W. Chambers, MD, FSCAI, FACC
Moderator: Perwaiz M. Meraj, MD, FSCAI
Moderator: Sandeep Nathan, MD, MSc

12:10 PM
Lunch

12:25 PM
Case of Orbital Atherectomy for a Diffusely Disease Vessel
Speaker: Gautam Kumar, MD, FSCAI

12:33 PM
Do We Underutilize Coronary Atherectomy? Rationale and Design of the ECLIPSE Trial
Speaker: Gregg W. Stone, MD, FSCAI

12:41 PM
How to Integrate Orbital Atherectomy and Future Support Systems in High Risk PCI Patients
Speaker: Sandeep Nathan, MD, MSc

12:48 PM
High-Risk Patients With Severe Calcified Lesions: Is TRI a Safer and & Better Option?
Speaker: Sunil V. Rao, MD, FSCAI

12:56 PM
Cost Effectiveness of Orbital Atherectomy
Speaker: Kevin Croce, MD, PHD

1:04 PM
Panel Discussion
Panel Moderator: Jeff W. Chambers, MD, FSCAI, FACC
Panel Moderator: Perwaiz M. Meraj, MD, FSCAI
Panel Moderator: Sandeep Nathan, MD, MSc
Panelist: Kevin Croce, MD, PHD
Panelist: Gautam Kumar, MD, FSCAI
Panelist: Sunil V. Rao, MD, FSCAI
Panelist: Gregg W. Stone, MD, FSCAI

1:15 PM
Adjourn

Evening Symposium: Young Leader Roundtable - Supported by an educational grant from Medtronic

2/24/2020, 5:00 PM – 6:00 PM
Room: Cheaspeake 4-5

Young Leader Roundtable
5:00 PM - 6:00 PM
Young Leader Only – Invite Only
Afternoon Symposium: Women in Cardiology Roundtable: Complex PCI and Structural Heart Intervention - Challenging Cases and Decision Making - Sponsored by Abbott

2/24/2020, 2:00 PM – 4:05 PM
Room: National Harbor 10-11

Women in Cardiology Roundtable: Complex PCI and Structural Heart Intervention - Challenging Cases and Decision Making
Moderator: J. Dawn Abbott, MD
Moderator: Alexandra J. Lansky, MD, FSCAI

2:00 PM
Introduction and Opening Remarks
Speaker: J. Dawn Abbott, MD
Speaker: Alexandra J. Lansky, MD, FSCAI

2:15 PM
Keynote Lecture: Driving Career to Success - Managing the Ups and Downs
Speaker: Cindy L. Grines, MD, FACC, MSCAI

Case 1: Imaging and Physiology-Guided Complex PCI
2:45 PM - 3:05 PM
2:45 PM
Case 1: Imaging and Physiology-Guided Complex PCI
Moderator: Kate E. Kearney, MD
Moderator: Jennifer A. Tremmel, MD, MS
Case Presenter: Poonam Velagapudi, MD
Panelist: J. Dawn Abbott, MD
Panelist: S. Elissa Altin, MD
Panelist: Anna E. Bortnick, MD
Panelist: Sasanka Jayasuriya, MD, FACC, FASE, FSCAI
Panelist: Akiko Maehara, MD
Panelist: Binita Shah, MD, MS
Panelist: Angela M. Taylor, MD, MS

2:45 PM
Case Presentation

2:50 PM
Decision-Making Discussion & Case Conclusion

Case 2: CTO/CHIP Challenging Case
3:05 PM - 3:25 PM
3:05 PM
Case 2: CTO/CHIP Challenging Case
Moderator: Jennifer A. Tremmel, MD, MS
Case Presenter: Kate E. Kearney, MD
Panelist: Mirvat Alasnag, FSCAI, FACP
Panelist: J. Dawn Abbott, MD
Panelist: Alaide Chieffo, MD
Panelist: Cindy L. Grines, MD, FACC, MSCAI
Panelist: Akiko Maehara, MD
Panelist: Danica Marinac-Dabic, MD, PhD
Panelist: Binita Shah, MD, MS

3:05 PM
Case Presentation

3:10 PM
Decision-Making Discussion & Case Conclusion
Case 3: Complex TAVR
3:25 PM - 3:45 PM
3:25 PM
Case 3: Complex TAVR
Moderator: Anita W. Asgar, MD, FACC
Moderator: Mayra E. Guerrero, MD, FACC, FSCAI
Case Presenter: Vivian Ng, MD
Panelist: Suzanne J. Baron, MD, MSc
Panelist: Kendra J. Grubb, MD
Panelist: Alexandra J. Lansky, MD, FSCAI
Panelist: Lindsey Prescher, DO
Panelist: Dee Dee Wang, MD

3:25 PM
Case Presentation

3:30 PM
Decision-Making Discussion & Case Conclusion

Case 4: Mitral Valve with Clip
3:45 PM - 4:05 PM
3:45 PM
Case 4: Mitral Valve with Clip
Moderator: Anita W. Asgar, MD, FACC
Moderator: Mayra E. Guerrero, MD, FACC, FSCAI
Case Presenter: Suzanne J. Baron, MD, MSc
Panelist: Kendra J. Grubb, MD
Panelist: Vivian Ng, MD
Panelist: Lindsey Prescher, DO
Panelist: Dee Dee Wang, MD

3:45 PM
Case Presentation

3:50 PM
Decision-Making Discussion & Case Conclusion

4:00 PM
Final Remarks
Speaker: J. Dawn Abbott, MD
Speaker: Alexandra J. Lansky, MD, FSCAI

4:05 PM
Adjourn
Evening Symposium: Optimizing Patient Care Via Transcatheter Therapy - Supported by an educational grant from Abbott

2/24/2020, 6:00 PM – 7:30 PM
Room: National Harbor 4-5

Optimizing Patient Care Via Transcatheter Therapy
Moderator: Roxana Mehran, MD, FACC, FSCAI

6:00 PM
Dinner

6:15 PM
Optimizing PCI via OCT - Why Do I Care?
Speaker: Richard Shlofmitz, MD

6:25 PM
Short DAPT Will Become the Norm to Reduce Bleeding Without Compromising MACE
Speaker: Roxana Mehran, MD, FACC, FSCAI

6:35 PM
RFR Physiology for Guidance of Multivessel PCI
Speaker: Morton J. Kern, MD, MSCAI, FACC, FAHA

6:45 PM
How the Results of COAPT is Changing my Management of Patients with Mitral Disease
Speaker: Saibal kar, MD, FSCAI, FACC

6:55 PM
What are the Improvements with Next Generation Valves and How They Will Improve Outcome of Patients Undergoing TAVR?
Speaker: Michael Reardon, MD

7:05 PM
Panel Discussion with Question and Answer
Panel Moderator: Roxana Mehran, MD, FACC, FSCAI
Panelist: Saibal kar, MD, FSCAI, FACC
Panelist: Morton J. Kern, MD, MSCAI, FACC, FAHA
Panelist: Michael Reardon, MD
Panelist: Richard Shlofmitz, MD

7:30 PM
Adjourn
Evening Symposium: Optimizing Stent, Antiplatelet and Techniques Choice for Complex Patients with Complex Lesions: Update on the Onyx One Study and Relevance for Clinical Practice - Supported by an educational grant from Medtronic

2/24/2020, 6:00 PM – 7:30 PM
Room: National Harbor 10-11

Optimizing Stent, Antiplatelet and Techniques Choice for Complex Patients with Complex Lesions: Update on the Onyx One Study and Relevance for Clinical Practice
Moderator: Eberhard Grube, MD, FSCAI
Moderator: Carlos Mena, MD
Moderator: Poonam Velagapudi, MD
Moderator: James P. Zidar, MD, FSCAI

6:00 PM
Dinner

6:20 PM
What Should Be the Safety Profile of Drug Eluting Stents Suitable for Short DAPT
Speaker: Renu Virmani, MD

6:30 PM
Onyx One for High Bleeding Risk Patients. Study Results and Implications for Clinical Practice
Speaker: Alexandre A. Abizaid, MD, PhD

6:40 PM
How to Perform PCI for Patients Post TAVR: Tips and Tricks for Coronary Access
Speaker: Eberhard Grube, MD, FSCAI

6:50 PM
Two Case Presentations Highlighting Relevant Patients
Speaker: Carlos Mena, MD

7:00 PM
The Future in Managing Patients at High Bleeding Risk
Speaker: Cindy L. Grines, MD, FACC, MSCAI

7:10 PM
Panel Discussion and Audience Questions
Panel Moderator: Eberhard Grube, MD, FSCAI
Panel Moderator: Carlos Mena, MD
Panel Moderator: Poonam Velagapudi, MD
Panel Moderator: James P. Zidar, MD, FSCAI
Panelist: Alexandre A. Abizaid, MD, PhD
Panelist: Usman Baber, MD, MS
Panelist: Renu Virmani, MD

7:30 PM
Adjourn
Evening Symposium: Technological Advancements and Managing Today’s Complex Patients with Multiple Comorbidities - Supported by an educational grant from Boston Scientific Corporation

2/24/2020, 6:00 PM – 7:30 PM
Room: National Harbor 2-3

Technological Advancements and Managing Today’s Complex Patients with Multiple Comorbidities
Moderator: Wayne Batchelor, MD, MHS
Moderator: Kendra J. Grubb, MD

6:00 PM
Dinner

6:30 PM
Young with A Lot to Lose: Protecting Low- and Intermediate-Risk TAVR Patients from Stroke
Speaker: Kendra J. Grubb, MD

6:40 PM
Native Bicuspid AS and Overwhelming Annular Calcification: Treating Patients with Complex Anatomies
Speaker: Dee Dee Wang, MD

6:50 PM
AS Patients with Atrial Fibrillation: Treating the Left and Right Heart Simultaneously
Speaker: Wayne Batchelor, MD, MHS

7:00 PM
Interventional Master Class: Managing Patients with CAD, AS, and Afib Without Cracking the Chest
Speaker: Robert P. Gooley, PhD, MBBS, MBA

7:10 PM
Panel Discussion: Technological Advancements and Managing Today’s Complex Patients with Multiple Comorbidities
Panel Moderator: Wayne Batchelor, MD, MHS
Panel Moderator: Kendra J. Grubb, MD
Panelist: Robert P. Gooley, PhD, MBBS, MBA
Panelist: Dee Dee Wang, MD

7:30 PM
Adjourn
Abstracts: Valve & Structural Heart - Aortic Valve [Session III]

2/24/2020, 9:00 AM – 10:10 AM
Room: Tamai

Abstracts: Valve & Structural Heart - Aortic Valve [Session III]
Moderator: Jonathan Schwartz, MD
Moderator: Amit N. Vora, MD, MPH

9:00 AM
Percutaneous Transaxillary Transcatheter Aortic Valve Replacement (TAVR) With Minimalist Approach As Primary Alternative Access To Transfemoral Access
Speaker: Yumiko Kanei, MD

9:15 AM
Rates Of Permanent Pacemaker Insertion With The Latest Generation Corevalve Evolut Pro Transcatheter Aortic Valve
Speaker: Brian Forrestal, MD

9:30 AM
Clinical and Quality of Life Outcomes in Patients With Symptomatic or Asymptomatic Aortic Stenosis: An Analysis From the EVOLUT Low Risk Trial
Speaker: William Merhi, MD

9:45 AM
Baseline B-type Natriuretic Peptide In Predicts Inpatient Outcomes In Transcatheter Aortic Valve Replacement
Speaker: Giorgio A. Medranda, MD

10:00 AM
Procedural Complications Of Transcatheter Aortic-valve Replacement Versus Surgical Aortic-valve Replacement In Low To Intermediate Risk Patients With Severe Aortic Stenosis: A Meta-analysis Of Randomized Trials
Speaker: Timir Paul, MD, PhD, FSCAI

10:10 AM
Adjourn
Abstracts: Imaging & Science - IVUS, OCT, Lipid Management & Other
2/24/2020, 10:15 AM – 11:55 AM
Room: Tamai

Abstracts: Imaging & Science - IVUS, OCT, Lipid Management & Other
Moderator: Alexandre Hideo-Kajita, MD
Moderator: Emile Mehanna, MD, FACC, FSCAI

10:15 AM
Impact Of Near-infrared Spectroscopy Intravascular Ultrasound Imaging Evaluation On Major Adverse Cardiovascular Events In Patients With Chronic Renal Insufficiency
Speaker: Kazuhiro Dan, MD, PhD

10:30 AM
Comparison Of Stent Expansion Using A Novel Volumetric Method Versus The Traditional Calculation Through Optical Coherence Tomography In An All-comers Population
Speaker: Luis Augusto Palma Dallan, MD

10:45 AM
Impact Of Table Height On Radiation Dose Exposure For The Female Interventional Cardiologist
Speaker: Logan Schwarzman

11:00 AM
Impact Of Left Anterior Descending Artery Wrapping Around The Left Ventricular Apex On Cardiac Mechanics In Patients With Normal Coronary Angiography
Speaker: Tamer Azab Elashkar, MD

11:15 AM
Comparison of Long-Term Outcomes With Biodegradable Polymer Drug Eluting Stents and Durable Polymer Drug Eluting Stents: An Updated Meta-Analysis of Randomized Controlled Trials
Speaker: Byomesh Tripathi, MD

11:30 AM
Gender Specific Clinical Factors Associated With Mortality In Cardiogenic Shock
Speaker: August Schaeffer, BS, BA

11:45 AM
Effects Of Angiotensin Receptor Neprilsyn Inhibitor On Exercise Capacity In Patients With Heart Failure With Reduced Ejection Fraction
Speaker: Mohamed Abd E Tabl, MD

11:55 AM
Adjourn
Abstracts: Valve & Structural Heart - Aortic Valve [Session IV]
2/24/2020, 1:00 PM – 2:10 PM
Room: Tamai

Abstracts: Valve & Structural Heart - Aortic Valve [Session IV]
Moderator: Sahil Khera, MD, MPH
Moderator: Taisei Kobayashi, MD

1:00 PM
Rivaroxaban Vs Warfarin For Stroke Prevention In Patients With Atrial Fibrillation Undergoing Tavr
Speaker: Alexis K. Ooho, MD

1:15 PM
Association Of Body Mass Index With Outcomes In Patients Undergoing Tavr; A Systematic Review And Meta-analysis
Speaker: Qasim Malik, MD

1:30 PM
Vascular Complications And Type Of Valve Used For Transcatheter Aortic Valve Replacement
Speaker: Aravdeep Jhand, MD

1:45 PM
Etiologies And Trends Of Readmission After Early Discharge (<48 Hours) And Next-day Discharge (<24 Hours) TAVR: An Analysis From Nationwide Readmissions Database.
Speaker: Charan Yerasi, MD

2:00 PM
Transcatheter Aortic Valve Replacement Outcomes In Patients With Low-gradient Severe Aortic Stenosis: A Systematic Review And Meta-analysis
Speaker: Qasim Malik, MD

2:10 PM
Adjourn
Abstracts: Coronary - Left Main Intervention, Multivessel Disease, Ostial Lesion and Radial Access

2/24/2020, 2:15 PM – 3:25 PM
Room: Tamai

Abstracts: Coronary - Left Main Intervention, Multivessel Disease, Ostial Lesion and Radial Access
Moderator: Harsh Agarwal, MD
Moderator: Paul Fiorilli, MD
Moderator: Taisei Kobayashi, MD

2:15 PM
Is Higher Operator Volumes for Unprotected Left Main Stem PCI Associated with Improved Patient Outcomes? A Survival Analysis of the British Cardiovascular Intervention Society National Database
Speaker: Tim Kinnaird, MD

2:30 PM
Complete Versus Culprit Vessel Only Percutaneous Coronary Intervention in ST Segment Elevation Myocardial Infarction and Multi-Vessel Disease - An Updated Meta-Analysis of Randomized Trials
Speaker: Timir Paul, MD, PhD, FSCAI

2:45 PM
Procedural and Clinical Outcomes of Patients Undergoing Percutaneous Coronary Intervention for De-novo Lesions in The Ostial and Proximal Left Circumflex Artery
Speaker: Anees Musallam, MD

3:00 PM
One Year Outcomes for In-stent Restenosis in Ostial Coronary Lesions
Speaker: Chava Chezar-Azerrad, MD

3:15 PM
Distal Left Radial Access - Only Good Alternative in Limited Group of Patients
Speaker: Nikola Bakracheski, MD

3:25 PM
Adjourn
Abstracts: Endovascular - Peripheral Vascular Intervention, CLI and Vascular Access

2/24/2020, 3:30 PM – 4:55 PM
Room: Tamai

Abstracts: Endovascular - Peripheral Vascular Intervention, CLI and Vascular Access
Moderator: Luke Brewster, MD, PhD
Moderator: Minhaj S. Khaja, MD, MBA

3:30 PM
TANGO Trial 6-month Results For Adventitial Temsirolimus Delivery Below The Knee
Speaker: Ian Cawich, MD

3:45 PM
Ultrasound Plasty To Improve Outcome Of Percutaneous Angioplasty In Below The Knee Lesions: 24 Months Results Of The Ulysse Registry
Speaker: Constantino Del Giudice, MD, PhD

4:00 PM
Venovo Venous Stent In Treating Iliac Vein Compression: A Single Center Experience
Speaker: Qais Radaideh, MD MS

4:15 PM
Real-world Results Of Atherectomy From Icd-10 Medicare Billing Codes Does Not Resemble Registry Data For Atherectomy
Speaker: Dipankar Mukherjee, MD

4:30 PM
Reported Complications Received In 2019 For Percutaneous Left Ventricular Assist Devices In The MAUDE Database
Speaker: Aaron Lee, MD

4:45 PM
Optical Coherent Tomographic Assessment Of Radial Artery After Transradial Coronary Intervention Via Distal Radial Access At Anatomical Snuffbox
Speaker: Sang Yeub Lee, MD and PhD

4:55 PM
Adjourn
Interesting Cases: Valve & Structural - Congenital

2/24/2020, 9:00 AM – 10:10 AM
Room: CRT Cinema

Interesting Cases: Valve & Structural - Congenital
Moderator: Ronnie Ramadan, MD
Moderator: Nathaniel R. Smilowitz, MD

9:00 AM
Management Of Paravalvular Leak Based On Valve Type
Speaker: Tariq Ahmad, MD

9:15 AM
Exclusion Of Left Atrial Mass Causing Recurrent Strokes Using Watchman Device
Speaker: Tariq Enezate, MD

9:30 AM
Cor Triatriatum In The Setting Of Patent Foramen Ovale In A Patient Presenting With Cryptogenic Stroke
Speaker: Syed Qamer, MD

9:45 AM
A Case Of Balloon Assisted Ice Guided Asd Closing
Speaker: Sang Yeub Lee, MD and PhD

10:00 AM
Use Of The Sandwich Technique With The New Gore Cardioform Asd Occluder And The Gore Septal Occluder To Close A Multi-fenestrated Secundum Atrial Septal Defect
Speaker: Katherine Kunkel, MD

10:10 AM
Adjourn

Interesting Cases: Coronary - Antiplatelet Therapy and Other

2/24/2020, 9:15 AM – 10:10 AM
Room: Hartzler

Interesting Cases: Coronary - Antiplatelet Therapy and Other
Moderator: Alexandre Hideo-Kajita, MD
Moderator: Abdul Rahman Ihdayhid, MD

9:15 AM
What Is The Most Effective Therapy Of Recurrent In-stent Restenosis Treated With Brachytherapy.
Speaker: Charan Yerasi, MD

9:30 AM
Meta-analysis Of Genotype-Guided Antiplatelet Therapy In Patients With Coronary Artery Disease Undergoing Percutaneous Coronary Intervention
Speaker: Salik Nazir, MD

9:45 AM
2-years Follow-up After Treatment Of Coronary Artery Lesions Using Sirolimus Coated Balloons: Insights From Real-world All-comer Patients
Speaker: Bernardo Cortese, MD, FESC

10:00 AM
Procedural Characteristics And Trends Of Percutaneous Coronary Interventions Being Performed During Normal Works Versus Non-work Hours
Speaker: Brian C. Case, MD

10:10 AM
Adjourn
Interesting Cases: Valve & Structural - Closure Devices

2/24/2020, 10:15 AM – 11:25 AM
Room: Hartzler

Device Closure Of Left Circumflex To Coronary Sinus Fistula
Speaker: rajeev bhardwaj

10:15 AM
Interesting Cases: Valve & Structural - Closure Devices
Moderator: Luke Brewster, MD, PhD
Moderator: Minhaj S. Khaja, MD, MBA

10:30 AM
Closure Of A Very Large Post-infarct Ventricular Septal Defect With Papillary Muscle Involvement Using A 38 Mm Amplatzer Asd Closure Device
Speaker: Deepak Talreja, MD

10:45 AM
Tricuspid Perivalvular Leak Closure Through The Open Cells Of Sapien 3 Transcatheter Heart Valve
Speaker: Tariq Ahmad, MD

11:00 AM
Percutaneous Transaxillary Aortic Paravalvular Leak Closure
Speaker: Tariq Ahmad, MD

11:15 AM
Percutaneous Closure Of Post-myocardial Infarction Ventricular Septal Rupture
Speaker: Skarlet Patino Velasquez, MD

11:25 AM
Adjourn

Interesting Cases: Coronary - CTO

2/24/2020, 10:15 AM – 11:25 AM
Room: CRT Cinema

Interesting Cases: Coronary - CTO
Moderator: Umberto Barbero, MD
Moderator: Kate E. Kearney, MD
Moderator: On Topaz, FACC, FSCAI

10:15 AM
Dissecting Hematoma As A Complication Of Septal Collateral Chanel Perforation In CTO-PCI Of RCA With R-CART
Speaker: Neisser Morales-Victorino, MD

10:30 AM
Antegrade Approach Of Right Coronary Artery Chronic Total Occlusion Which Was Complicated With Ostial Dissection
Speaker: Joehoon Chung, MD

10:45 AM
Appearances Can Be Deceiving, A Story Of Ivus Guided Rca Pci
Speaker: Moheb Wadie, MD, MRCP

11:00 AM
High Thrombus Burden In Non Culprit Vessel
Speaker: Hossameldin Ismail, MD

11:15 AM
In-Stent Restenosis: The Good, The Bad, And The Complicated
Speaker: Kristina Skinner, DO

11:25 AM
Adjourn
Interesting Cases: Coronary - Other
2/24/2020, 1:00 PM – 2:10 PM
Room: Hartzler

Interesting Cases: Coronary - Other
Moderator: Emile Mehanna, MD, FACC, FSCAI
Moderator: Saroj Neupane, MD

1:00 PM
Safety of Ticagrelor Post Fibrinolysis in Stemi Patients
Speaker: Mohamed Abd E Tabl, MD

1:15 PM
Natural History Of Adapted Leaman Score Assessing Coronary Artery Disease Progression Over 7 Years By Computed Tomography Angiography.
Speaker: Alexandre Hideo-Kajita, MD

1:30 PM
Midkine As An Early Predictor Of Contrast Induced-acute Kidney Injury.
Speaker: Mohamed Ahmed Ahmed, MRCP, MSc, PGDip

1:45 PM
Relationship Between Sclerostin And Coronary Tortousity In Postmenopausal Females With Non Obstructive Coronary Artery Disease
Speaker: Mohamed Abd E Tabl, MD

1:55 PM
Adjourn

Interesting Cases: Coronary - High Risk PCI
2/24/2020, 2:15 PM – 3:10 PM
Room: Hartzler

Interesting Cases: Coronary - High Risk PCI
Moderator: Emile Mehanna, MD, FACC, FSCAI
Moderator: Gagan D. Singh, MD

2:15 PM
Ostial Left Main Interposition Graft Kink Following Modified Cabrol/Bentall Ascending Aortic Repair
Speaker: David F. Kong, MD, AM, DMT

2:30 PM
Take The Risk Or Lose The Chance"
Speaker: Moheb Wadie, MD, MRCP

2:45 PM
Radial Approch Ivus Guided For Difficult Anomaly Left Main
Speaker: Ahmed Hassan Zaid

3:00 PM
Optical Coherence Tomography As A Game Changer: Oct-guided Left Main Treatment Using Rotablator And Impella Support
Speaker: Luis Augusto Palma Dallan, MD

3:10 PM
Adjourn
Interesting Cases: Coronary - High Risk PCI [Session II]

2/24/2020, 3:30 PM – 4:25 PM
Room: Hartzler

Interesting Cases: Coronary - High Risk PCI [Session II]
Moderator: Valeria Paradies, MD
Moderator: Gagan D. Singh, MD

3:30 PM
A Challenging Case Of Arterial Loops
Speaker: Hilda Gonzalez Bonilla, MD

3:45 PM
Viperwire With Flextip Treatment Of Complex Anatomy
Speaker: Fahad Gilani, MD, FACC, FSCAI

4:00 PM
Percutaneous Coronary Revascularization For Severe Calcific Left Main Coronary Artery Disease
Speaker: Umair Malik, MD

4:15 PM
CTO Techniques - Not Only For CTO When You Don’t Like The Anatomy - Change It
Speaker: Edward Koifman, MD

4:25 PM
Adjourn
Complex Coronary Interventions - Tuesday Session

2/25/2020, 8:00 AM – 3:45 PM
Room: Potomac A/B

Course Directors
Co-Course Director: Maurice Buchbinder, MD, FSCAI
Co-Course Director: Lowell F. Satler, MD, FSCAI
Co-Course Director: Ron Waksman, MD, FSCAI

Complex Coronary Morning Live Cases

8:00 AM - 11:15 AM
8:00 AM
Complex Coronary Morning Live Cases
Moderator: Maurice Buchbinder, MD, FSCAI
Moderator: Charles A. Simonton, MD, FACC, FSCAI
Moderator: Cindy L. Grines, MD, FACC, MSCAI

8:00 AM
Live Case from San Raffaele Hospital - Milan, Italy
Live Case Operator: Alaide Chieffo, MD
Moderator: Andreas Baumbach, MD, FRCP, FESC
Moderator: Maurice Buchbinder, MD, FSCAI
Moderator: Cindy L. Grines, MD, FACC, MSCAI
Moderator: Charles A. Simonton, MD, FACC, FSCAI
Panelist: H. Vernon Anderson, MD
Panelist: Mirvat Alasnag, FSCAI, FACP
Panelist: Israel Barbash, MD
Panelist: Hans Bonnier, MD, PhD, FSCAI
Panelist: David Cox, MD, MSCAI
Panelist: Haim Danenberg, MD
Panelist: Eberhard Grube, MD, FSCAI
Panelist: Ajay J. Kirtane, MD, SM, FACC
Panelist: Sa’ar Minha, MD
Panelist: Daniel H. Steinberg, MD
Panelist: Nicolas M. Van Mieghem, MD, PhD, FESC, FACC

9:00 AM
Complete Revascularization in STEMI with Multivessel Disease
Speaker: Davide Capodanno, MD, PhD

9:10 AM
How to Optimize Bifurcation PCI
Speaker: Ramesh Daggubati, MD, FACC, FSCAI

9:20 AM
Optimization DK Crush 3 Years of Experience
Speaker: Jolanta M. Siller-Matula, MD PhD

9:30 AM
Treatment of Calcified LM Disease
Speaker: Cara Hendry, MD

9:40 AM
Lithotripsy in Eccentric and Concentric Coronary Calcifications
Speaker: Carlo Di Mario, MD

9:50 AM
Keynote Lecture: Cardiogenic Shock Management in 2020
Speaker: Horst Sievert, MD, FSCAI, FACC
10:10 AM
Live Case from MedStar Washington Hospital Center - Washington, DC
Live Case Operator: Itsik Ben-Dor, MD
Live Case Operator: Lowell F. Satler, MD, FSCAI
Moderator: Maurice Buchbinder, MD, FSCAI
Moderator: Megan Coylewright, MD, MPH
Moderator: Eberhard Grube, MD, FSCAI
Moderator: Charles A. Simonton, MD, FACC, FSCAI
Panelist: H. Vernon Anderson, MD
Panelist: Hans Bonnier, MD, PhD, FSCAI
Panelist: Haim Danenberg, MD
Panelist: Carlo Di Mario, MD
Panelist: Cindy L. Grines, MD, FACC, MSCAI
Panelist: Annapoorna S. Kini, MD
Panelist: Issam Moussa, MD
Panelist: Horst Sievert, MD, FSCAI, FACC

Late Breaking Trials: Session III [Tuesday]
11:15 AM - 12:15 PM
11:15 AM
Late Breaking Trials: Session III [Tuesday]

Procedures TO iMPACT Your Practice
12:15 PM - 2:25 PM
12:15 PM
Procedures TO iMPACT Your Practice
Moderator: Michael J. Cowley, MD, MSCAI
Moderator: John S. Douglas, Jr., MD, FSCAI
Moderator: Igor F. Palacios, MD

12:15 PM
Live Case Working Luncheon
Live Case Operator: Itsik Ben-Dor, MD
Live Case Operator: Hayder D. Hashim, MD
Live Case Operator: Lowell F. Satler, MD, FSCAI
Moderator: Haim Danenberg, MD
Moderator: Ron Waksman, MD, FSCAI
Panelist: Michael J. Cowley, MD, MSCAI
Panelist: John S. Douglas, Jr., MD, FSCAI
Panelist: Sameer A. Gafoor, MD
Panelist: Sandeep Nathan, MD, MSc
Panelist: Igor F. Palacios, MD
Panelist: Daniel H. Steinberg, MD

1:15 PM
How Do I Perform LM Stenting?
Speaker: Ali Denktas, MD, FACC

1:35 PM
Live Case from MedStar Washington Hospital Center - Washington, DC
Live Case Operator: Lowell F. Satler, MD, FSCAI
Live Case Operator: Michael Slack, MD, FSCAI
Moderator: Ziyad Ghazzal, MD
Moderator: Issam Moussa, MD
Panelist: Mehmet Cilingiroglu, MD
Panelist: Michael J. Cowley, MD, MSCAI
Panelist: David Cox, MD, MSCAI
Panelist: John S. Douglas, Jr., MD, FSCAI
Panelist: Ajay J. Kirtane, MD, SM, FACC
Panelist: Igor F. Palacios, MD
Panelist: Fayaz Shawl, MD, FACC, FACP, FSCAI
Panelist: Daniel H. Steinberg, MD
Complex Coronary Interventions: Complex Lesion Subsets

2:25 PM - 3:45 PM

2:25 PM
Complex Coronary Interventions: Complex Lesion Subsets
Moderator: Michael J. Cowley, MD, MSCAI
Moderator: John S. Douglas, Jr., MD, FSCAI

2:25 PM
Keys to Successful Alcohol Ablation
Speaker: John S. Douglas, Jr., MD, FSCAI

2:35 PM
Thrombus Management in the Cath Lab
Speaker: David Cox, MD, MSCAI

2:45 PM
How to Manage Recurrent Ostial Left Circumflex Restenosis
Speaker: Ramesh Daggubati, MD, FACC, FSCAI

2:55 PM
Rotational Versus Orbital Atherectomy: Choosing the Right Device
Speaker: Perwaiz M. Meraj, MD, FSCAI

3:05 PM
Management of an Unstable Patient in the Cath Lab: Use of Hemodynamic Support
Speaker: Fayaz Shawl, MD, FACC, FACP, FSCAI

3:15 PM
Embolic Protection Device in PCI to SVG
Speaker: Timir Paul, MD, PhD, FSCAI

3:25 PM
Snaring, Entangling, Yanking, Abandoning -- Horror Stories of Lost and Entrapped Gear
Speaker: Creighton W. Don, MD

3:35 PM
CRT 2020 Closing Remarks
Speaker: Ron Waksman, MD, FSCAI

3:45 PM
Adjourn
CRT Stroke and Carotid Interventions
2/25/2020, 8:00 AM – 1:50 PM
Room: Potomac 1-3

Course Directors
Co-Course Director: Horst Sievert, MD, FSCAI, FACC
Co-Course Director: Christopher J. White, MD, MACC, MSCAI

CRT Stroke and Carotid Intervention
8:00 AM - 10:55 AM

8:00 AM
CRT Stroke and Carotid Intervention
Moderator: Nelson L. Bernardo, MD, FSCAI
Moderator: D. Christopher Metzger, MD, FSCAI, FACC
Moderator: Edward Y. Woo, MD

8:00 AM
Live Case from MedStar Washington Hospital Center - Washington, DC
Live Case Operator: Nelson L. Bernardo, MD, FSCAI
Moderator: Cameron Akbari, MD, MBA
Moderator: Edward Y. Woo, MD
Panelist: Herbert D. Aronow, MD, MPH
Panelist: Mehmet Cilingiroglu, MD
Panelist: Michael G. Dwyer, PhD
Panelist: George S. Hanzel, MD
Panelist: D. Christopher Metzger, MD, FSCAI, FACC
Panelist: Adnan H. Siddiqui, MD, PhD
Panelist: Christopher J. White, MD, MACC, MSCAI

9:00 AM
Carotid Stenting in 2020: Stents, Surgery or Both?
Speaker: Herbert D. Aronow, MD, MPH

9:10 AM
Vertebral Stenting Step-by-Step for the Beginner
Speaker: Horst Sievert, MD, FSCAI, FACC

9:20 AM
How to Get Safely to the Carotid Artery
Speaker: James Stephen Jenkins, MD

9:30 AM
TCAR: Less Invasive Techniques to Prevent Strokes
Speaker: Venkatesh Ramaiah, MD, FACS

9:40 AM
Carotid Artery Stenting: Timing After Stroke
Speaker: Adnan H. Siddiqui, MD, PhD

9:50 AM
Why Mini Incision Carotid Endarterectomy Is as Safe as, but Less Expensive Than, TCAR
Speaker: Abdullah A. Alfawaz, MD, FRCSC

10:00 AM
What Role Does Carotid DUS Play in the Modern Evaluation of Extracranial Carotid Disease?
Speaker: Michael R. Jaff, DO

10:10 AM
Proximal Versus Distal Embolic Protection
Speaker: Carlos Mena, MD

10:20 AM
Lessons from CREST I Clinical Trials and What to Expect from CREST II: The Interventional Cardiology Perspective
Speaker: kenneth Rosenfield, MD, MHCDS
10:30 AM
Panel Discussion: Carotid Intervention
Panel Moderator: Nelson L. Bernardo, MD, FSCAI
Panel Moderator: D. Christopher Metzger, MD, FSCAI, FACC
Panel Moderator: Edward Y. Woo, MD
Panelist: Abdullah A. Alfawaz, MD, FRCSC
Panelist: James Stephen Jenkins, MD
Panelist: Carlos Mena, MD
Panelist: Venkatesh Ramaiah, MD, FACS
Panelist: Kenneth Rosenfield, MD, MHCDS
Panelist: Adnan H. Siddiqui, MD, PhD
Panelist: Christopher J. White, MD, MACC, MScAI

Acute Stroke Intervention I
10:55 AM - 11:43 AM
10:55 AM
Acute Stroke Intervention I
Moderator: Cameron Akbari, MD, MBA
Moderator: Edward Y. Woo, MD

10:55 AM
Assessment and Management of Cryptogenic Stroke
Speaker: George S. Hanzel, MD

11:07 AM
Basic Imaging You Must Know for Stroke Intervention
Speaker: Michael G. Dwyer, PhD

11:19 AM
Tools and Techniques for Safe Intracranial Angioplasty and Stenting (With Case Examples)
Speaker: Rocco Armonda, MD

11:31 AM
Interventional Cardiologists' Role in Acute Stroke Management: How to Build a Stroke Team
Speaker: Christopher J. White, MD, MACC, MScAI

Acute Stroke Intervention II - Working Luncheon
11:43 AM - 1:50 PM
11:43 AM
Acute Stroke Intervention II - Working Luncheon
Moderator: Rocco Armonda, MD
Moderator: Christopher J. White, MD, MACC, MScAI
Moderator: Edward Y. Woo, MD

11:43 AM
Lunch

12:00 PM
PFO Closure for Platypnea/Orthodeoxia Syndrome
Speaker: Igor F. Palacios, MD

12:10 PM
Management of Acute Stroke in the Cath Lab
Speaker: Horst Sievert, MD, FSCAI, FACC

12:20 PM
Live in a Box - Taped Case
Speaker: Horst Sievert, MD, FSCAI, FACC

12:40 PM
How to Establish a Stroke Intervention Program when Neurointerventionalists Are Not Available
Speaker: Adnan H. Siddiqui, MD, PhD

12:50 PM
Techniques for Neuroendovascular Thrombectomy: How Effective Is Aspiration Versus Thrombectomy in Acute Stroke Management?
Speaker: Rocco Armonda, MD

1:00 PM
Acute Stroke Interventions - Case Examples
Speaker: Horst Sievert, MD, FSCAI, FACC
1:10 PM
Vertebral Artery Intervention: Indications and Extra and Intracranial Complications
Speaker: James Stephen Jenkins, MD

1:20 PM
How to Do Chemical Ablation for CVI - Stepwise Approach
Speaker: Khusrow A. Niazi, MD, FACC, FSCAI

1:30 PM
Panel Moderator: Rocco Armonda, MD
Panel Moderator: Christopher J. White, MD, MACC, MSCI
Panel Moderator: Edward Y. Woo, MD
Panelist: James Stephen Jenkins, MD
Panelist: Khusrow A. Niazi, MD, FACC, FSCAI
Panelist: Igor F. Palacios, MD
Panelist: Adnan H. Siddiqui, MD, PhD
Panelist: Horst Sievert, MD, FSCAI, FACC

1:50 PM
Adjourn
CRT Valve and Structural Innovations (Non-CME)
2/25/2020, 8:30 AM – 1:42 PM
Room: Potomac C

Course Directors
Co-Course Director: Steven Goldberg, MD, FSCAI, FACC
Co-Course Director: Michael Reardon, MD
Co-Course Director: Ron Waksman, MD, FSCAI

Second- and Third-Generation Aortic Valve Systems
8:30 AM - 10:46 AM

8:30 AM
Second- and Third-Generation Aortic Valve Systems
Moderator: Isaac George, MD
Moderator: Scott Lim, MD

8:30 AM
JenaValve Coronary Access Solutions and Dedicated Valve for AR: Design and Clinical Update
Speaker: Hendrik Treede, MD

8:38 AM
The Lotus Edge Device: Next-Generation Improvements and Design Features
Speaker: Michael Reardon, MD

8:46 AM
COREVALVE EVOLUT R Program: Next-Generation Improvements and Design Features
Speaker: A P. Kappetein, MD, PhD

8:54 AM
Portico Self-Expanding Aortic Valve: Next-Gen Valve – What to Expect?
Speaker: Augusto Pichard, MD, FACC, FSCAI

9:02 AM
SAPIEN Future: Next-Generation Balloon-Expandable Valve
Speaker: Todd J. Brinton, MD

9:10 AM
Acurate Neo Self-Expanding Technology: Next Generation and Clinical Update
Speaker: Dominic Allocco, MD, MS

9:18 AM
SAPIEN and CENTERA Program Update: Next-Generation Improvements and Design Features
Speaker: Todd J. Brinton, MD

9:26 AM
Leaflex™ Performer Scoring Balloon for Calcified Aortic Valve Leaflets: First Human Experience
Speaker: Andreas Baumbach, MD, FRCP, FESC

9:34 AM
Challenges in the Evolution of TAVR to the Standard of Care
Speaker: Stanton J. Rowe, PhD

9:42 AM
Lithotripsy in the Management Cardiovascular Disease
Speaker: Keith D. Dawkins, MD, FACC FSCAI

9:50 AM
Infectious Endocarditis: A New Field for Transcatheter Therapy?
Speaker: Hans R. Figulla, MD, PhD

9:58 AM
New Closure Devices for 14 Fr and Above
Speaker: Nicolas M. Van Mieghem, MD, PhD, FESC, FACC

10:06 AM
The Role of 3-D Printing in Structural Heart Interventional Planning
Speaker: Fadi A. Matar, MD, FSCAI
10:14 AM
Where Does Structural Heart Development Go from Here?
Speaker: Stanton J. Rowe, PhD

10:22 AM
Morning Stretch Break

**Patent Foramen Ovale and Left Atrial Appendage Occluders**

10:46 AM - 11:36 AM

10:46 AM
Patent Foramen Ovale and Left Atrial Appendage Occluders
Moderator: William T. Abraham, MD
Moderator: Steven Goldberg, MD, FSCAI, FACC
Moderator: Andrew M. Goldsweig, MD

10:46 AM
The Occlutech Atrial Flow Regulator (AFR) for Pulmonary Hypertension and Heart Failure
Speaker: Hans R. Figulla, MD, PhD

10:56 AM
The Role of Percutaneous Closure of Ventricular Septal Rupture Complicating Acute MI
Speaker: Andrew M. Goldsweig, MD

11:06 AM
LAA Closure: Design Modifications, Patient Populations, and Reimbursement Status
Speaker: Dominic Allocco, MD, MS

11:16 AM
LAA Closure with the AMULET and LIFETECH Devices: Current Iterations and Clinical Update
Speaker: Horst Sievert, MD, FSCAI, FACC

11:26 AM
Atrial Shunt for HFpEF: New Devices and Clinical Program Update
Speaker: William T. Abraham, MD

**Live Case from San Raffaele Hospital - Milan, Italy**

11:36 AM - 12:30 PM

11:36 AM
Lunch

12:00 PM
Live Case from San Raffaele Hospital - Milan, Italy
Live Case Operator: Alaide Chieffo, MD
Moderator: Steven Bolling, MD
Moderator: Jeff W. Chambers, MD, FSCAI, FACC
Moderator: Michael Slack, MD, FSCAI
Panelist: Dominic Allocco, MD, MS
Panelist: Marta Bande, MD, FSCAI
Panelist: Andrew M. Goldsweig, MD
Panelist: Hans R. Figulla, MD, PhD
Panelist: Giora Weisz, MD

**Pulmonic, Tricuspid & Mitral Innovations**

12:30 PM - 1:42 PM

12:30 PM
Pulmonic, Tricuspid & Mitral Innovations
Moderator: Jeff W. Chambers, MD, FSCAI, FACC
Moderator: Scott Lim, MD

12:30 PM
The Millipede IRIS Transcatheter Annuloplasty Ring
Speaker: Steven Bolling, MD

12:38 PM
4C Solutions That Preserve the Native Mitral Valve
Speaker: Jeff W. Chambers, MD, FSCAI, FACC

12:46 PM
Emerging New Devices for Percutaneous Transcatheter Tricuspid Repair
Speaker: Hans R. Figulla, MD, PhD
12:46 PM
Pulmonic Valve Intervention
Speaker: Michael Slack, MD, FSCAI

12:54 PM
Pascal Mitral Plication Design Differentiation and Clinical Program
Speaker: Scott Lim, MD

1:02 PM
Intrepid: The Transfemoral Option
Speaker: Scott Lim, MD

1:10 PM
tMirtalix FIM for Tricuspid Insufficiency
Speaker: Haim Danenberg, MD

1:18 PM
Transcatheter Mitral Chordal Repair - Pipeline
Speaker: Scott Lim, MD

1:26 PM
EVOQUE TMVR and for Tricuspid replacement
Speaker: Ted Feldman, MD, MSCAI

1:34 PM
HighLife Transcatheter Mitral Valve Replacement
Speaker: Martin T. Rothman, MD, MBChB

1:42 PM
Adjourn
HHS/FDA Town Hall (Non-CME)
2/25/2020, 8:00 AM – 3:20 PM
Room: Potomac D

Course Directors
Co-Course Director: Andrew Farb, MD
Co-Course Director: Matthew G. Hillebrenner, MSE
Co-Course Director: Ron Waksman, MD, FSCAI
Co-Course Director: Bram Zuckerman, MD

Medical Device Innovation: Early Feasibility Studies and Beyond
8:00 AM - 9:25 AM
8:00 AM
Medical Device Innovation: Early Feasibility Studies and Beyond
Moderator: Aaron V. Kaplan, MD, FSCAI
Moderator: Bram Zuckerman, MD

8:00 AM
US Early Feasibility Study Program: Update from the FDA
Speaker: Andrew Farb, MD

8:10 AM
The EFS Cardiovascular Clinical Site Consortium: Progress Report
Speaker: Michael J. Mack, MD

8:20 AM
Industry Perspectives on EFS as a Bridge to Pivotal Trials
Speaker: A P. Kappetein, MD, PhD

8:30 AM
Regulatory Programs for Device Innovation: The Breakthrough Devices Program
Speaker: Ryan Randall, MSE

8:40 AM
Industry Perspectives on CDRH’s Breakthrough Devices Program
Speaker: Keith D. Dawkins, MD, FACC FSCAI

8:50 AM
Can Start-Ups Finish Up? Mapping Out the Regulatory Path
Speaker: Charles A. Simonton, MD, FACC, FSCAI

9:00 AM
Translational Pathway for Cardiovascular Devices
Speaker: Nabil Dib, MD, MSc, FACC

9:10 AM
Panel Discussion: Transformation of EFS to Pivotal Trials
Panel Moderator: Aaron V. Kaplan, MD, FSCAI
Panel Moderator: Bram Zuckerman, MD
Panelist: Keith D. Dawkins, MD, FACC FSCAI
Panelist: Nabil Dib, MD, MSc, FACC
Panelist: Andrew Farb, MD
Panelist: Michael C. John, MPH
Panelist: A P. Kappetein, MD, PhD
Panelist: Michael J. Mack, MD
Panelist: Semih Oktay, PhD
Panelist: Stanton J. Rowe, PhD
Panelist: Charles A. Simonton, MD, FACC, FSCAI
Panelist: Changfu Wu, PhD

Total Product life Cycle and Health System Challenges: Where are we now and What Lies Ahead?
9:25 AM - 10:30 AM
9:25 AM
Total Product life Cycle and Health System Challenges: Where are we now and What Lies Ahead?
Moderator: Matthew G. Hillebrenner, MSE
Moderator: Ron Waksman, MD, FSCAI
9:25 AM  
**FDACDRH The Year in Review Focus on CDRHs Total Product Life Cycle Concept Cardiovascular Devices**  
Speaker: William H. Maisel, MD, MPH

9:35 AM  
**State of the CMS and Future Directions**  
Speaker: Tamara Syrek Jensen, JD

9:45 AM  
**The New CDRH Organizational Structure and its Impact on the Total Product Life Cycle**  
Speaker: Nicole Ibrahim, PhD

9:55 AM  
**Regulatory Challenges for the Industry**  
Speaker: Larry L. Wood

10:05 AM  
**The Health of the Medical Device Development Ecosystem: Should We Be Concerned?**  
Speaker: Aaron V. Kaplan, MD, FSCAI

10:15 AM  
**Panel Discussion: Where Are We Now and What Lies Ahead?**  
Panel Moderator: Matthew G. Hillebrenner, MSE  
Panel Moderator: Ron Waksman, MD, FSCAI  
Panelist: Dominic Allocco, MD, MS  
Panelist: Patrick Holt  
Panelist: Nicole Ibrahim, PhD  
Panelist: Louis B. Jacques, MD  
Panelist: Aaron V. Kaplan, MD, FSCAI  
Panelist: William H. Maisel, MD, MPH  
Panelist: Stuart F. Seides, MD, FSCAI  
Panelist: Charles A. Simonton, MD, FACC, FSCAI  
Panelist: Tamara Syrek Jensen, JD  
Panelist: Larry L. Wood

**Harmonization of Global Regulatory and Clinical Pathways**  
10:30 AM - 11:35 AM

10:30 AM  
**Harmonization of Global Regulatory and Clinical Pathways**  
Moderator: Kenneth Cavanaugh, PhD  
Moderator: Mitchell Krucoff, MD, FACC

10:30 AM  
**Global Perspective in MedTech: Opportunities and Challenges in the US, Japan, and Beyond**  
Speaker: Katherine Kumar, PhD, RAC

10:40 AM  
**How Will New European Medical Device Regulations Impact Regulatory and Clinical Strategies?**  
Speaker: Keith D. Dawkins, MD, FACC FSCAI

10:50 AM  
**Regulatory and Clinical Harmonization: Value, Challenges and Opportunities**  
Speaker: Kenneth Cavanaugh, PhD

11:00 AM  
**How to Maximize Collaborations with China**  
Speaker: Yuval Binur

11:10 AM  
**Round Table: What More Can We Do To Harmonize Regulatory Pathways Around the World?**  
Panel Moderator: Kenneth Cavanaugh, PhD  
Panel Moderator: Mitchell Krucoff, MD, FACC  
Panelist: Yuval Binur  
Panelist: Keith D. Dawkins, MD, FACC FSCAI  
Panelist: Giovanni Di Rienzo  
Panelist: Neal E. Fearnot, PhD  
Panelist: Gerardine Finn, BS  
Panelist: Katherine Kumar, PhD, RAC  
Panelist: Misti Malone, PhD  
Panelist: William H. Maisel, MD, MPH
Patient Engagement and Clinical Trials
11:35 AM - 12:30 PM

11:35 AM
Patient Engagement and Clinical Trials
Moderator: Donald E. Cutlip, MD, FSCAI
Moderator: Nicole Ibrahim, PhD

11:35 AM
The New Frontier: Decentralized Clinical Trials and Patient Outreach
Speaker: Jodi J. Akin, MS

11:45 AM
FDAs Patient Engagement Initiatives: How the FDA can Incorporate Patient Centered and Patient Reported Outcomes in Regulatory Decision-Making
Speaker: William H. Maisel, MD, MPH

11:55 AM
Incorporating Patient Preference Information in Clinical Trials: Review of the State-of-the-Art
Speaker: Megan Coylewright, MD, MPH

12:05 PM
Panel Discussion: Clinical Trials Transformation Updates
Panel Moderator: Donald E. Cutlip, MD, FSCAI
Panel Moderator: Nicole Ibrahim, PhD
Panelist: Jodi J. Akin, MS
Panelist: Megan Coylewright, MD, MPH
Panelist: A P. Kappetein, MD, PhD
Panelist: David F. Kong, MD, AM, DMT
Panelist: Mitchell Krucoff, MD, FACC
Panelist: William H. Maisel, MD, MPH
Panelist: Danica Marinac-Dabic, MD, PhD

FDA Luncheon Symposium: Healthcare Reform and its Impact on Innovation
12:30 PM - 1:30 PM

12:30 PM
FDA Luncheon Symposium: Healthcare Reform and its Impact on Innovation
Moderator: William H. Maisel, MD, MPH
Moderator: Stuart F. Seides, MD, FSCAI
Moderator: Ron Waksman, MD, FSCAI

12:30 PM
Lunch

12:40 PM
Presentation of the Best CRT 2020 Innovation Award

12:45 PM
Keynote Lecture: Health Care Reform and Impact on MedTech
Keynote Speaker: Mike Mussallem, B.S. Engineering

1:15 PM
Round Table Discussion: Healthcare Reform and Its Impact on Innovation
Panel Moderator: William H. Maisel, MD, MPH
Panel Moderator: Stuart F. Seides, MD, FSCAI
Panel Moderator: Ron Waksman, MD, FSCAI
Panelist: Mike Mussallem, B.S. Engineering

Hot Topics: How to Move the DCB Field Forward - Periphery and Coronary Uses
1:30 PM - 3:20 PM

1:30 PM
Hot Topics: How to Move the DCB Field Forward - Periphery and Coronary Uses
Moderator: Donna Buckley, MD
Moderator: Michael R. Jaff, DO
1:30 PM
Where Do We Stand Regarding the Late Mortality Risk Associated With Paclitaxel-Coated Devices?
Speaker: Michael R. Jaff, DO

1:40 PM
Impact of the Paclitaxel-Coated Device Safety Signal on Device Development and Clinical Evaluation
Speaker: Michael R. Jaff, DO

1:50 PM
Did We Jump the Gun Too Fast with Respect on Selective Use of DCB for the SFA?
Speaker: William A. Gray, MD, FSCAI

2:00 PM
DCBs for the Coronary Artery Disease - Why we Don’t see a Safety Signal? Academic View
Speaker: Bruno Scheller, MD

2:10 PM
Clinical Trial Designs for In-Stent Restenosis and De-Novo CAD with DCBs
Speaker: Donald E. Cutlip, MD, FSCAI

2:20 PM
Regulatory Perspectives on Clinical Evidence to Support DCB PMA Approval
Speaker: Sara Royce, PhD

2:30 PM
Panel Discussion: What are the Hurdles to Bringing New DCBs into the USA (Including Coronary and Below-the-Knee Uses)
Panel Moderator: Donna Buckley, MD
Panel Moderator: Michael R. Jaff, DO
Panelist: Donald E. Cutlip, MD, FSCAI
Panelist: Andrew Farb, MD
Panelist: William A. Gray, MD, FSCAI
Panelist: Jeffrey B. Jump, MSc
Panelist: P F Adrian Magee, MD
Panelist: Semih Oktay, PhD
Panelist: Brian Pullin, PhD
Panelist: Sara Royce, PhD
Panelist: Bruno Scheller, MD

3:00 PM
Final Comments and Wrap-Up
Speaker: Andrew Farb, MD
Speaker: Ron Waksman, MD, FSCAI
Speaker: Bram Zuckerman, MD

3:20 PM
Adjourn
Interventions at the VA: Roundtable
2/25/2020, 8:00 AM – 1:00 PM
Room: Potomac 4-6

Course Directors
Co-Course Director: Subhash Banerjee, MD
Co-Course Director: Vasilios Papademetriou, MD, DSc

Coronary Interventions at the VA: Management of End-Stage Coronary Disease
8:00 AM - 9:45 AM
8:00 AM
Coronary Interventions at the VA: Management of End-Stage Coronary Disease
Moderator: Tamara Atkinson, MD
Moderator: Kreton Mavromatis, MD
Moderator: Vasilios Papademetriou, MD, DSc

8:00 AM
VA Cardiology: Coronary Interventions at the VA 2019-20: Are We Making Progress?
Speaker: Kreton Mavromatis, MD

8:15 AM
Management of Cardiogenic Shock at the VA: Best Practice and Percutaneous Devices [Recorded Case]
Speaker: Ramesh Mazhari, MD

8:25 AM
Hemodynamic Support for High-Risk PCI in the VA Setting: When and How? (Case Based)
Speaker: Elias V. Haddad, MD

8:35 AM
Multivessel PCI for High-Surgical-Risk Patients at the VA (Case Based)
Speaker: Vasilios Papademetriou, MD, DSc

8:45 AM
Indications for IMPELLA or Other Support Devices in Patients with CTO
Speaker: Elias V. Haddad, MD

8:55 AM
Radial Approach for Veterans: Should It Always Be the First Choice? Tips and Tricks
Speaker: Mladen I. Vidovich, MD, FACC, FSCAI

9:05 AM
The DIVA Multicenter Study: Analysis and a Participant’s Observations
Speaker: On Topaz, FACC, FSCAI

9:15 AM
VA Cardiology in 2020 Opportunities and Challenges
Speaker: Richard Schofield, MD

9:20 AM
Panel Discussion: Coronary Interventions at the VA
Panel Moderator: Tamara Atkinson, MD
Panel Moderator: Kreton Mavromatis, MD
Panel Moderator: Vasilios Papademetriou, MD, DSc
Panelist: Ali Denktas, MD, FACC
Panelist: Elias V. Haddad, MD
Panelist: Faisal Latif, MD, FSCAI, FACC
Panelist: Charles Y. Lui, MD, MSc
Panelist: Richard Schofield, MD
Panelist: Mladen I. Vidovich, MD, FACC, FSCAI
Structural Interventions at the VA
9:45 AM - 11:50 AM

9:45 AM
Structural Interventions at the VA
Moderator: Stephan Bertog, MD
Moderator: Scott Kinlay, MBBS, PhD
Moderator: Gregory Trachiotis, MD

9:45 AM
Structural Cardiology at the VA - Dealing with Complications: A Guide for Early Career Interventionalist
Speaker: Ronnie Ramadan, MD

9:55 AM
How to Start and Build a Structural Heart Program at the VA: Problems and Barriers
Speaker: Gregory Trachiotis, MD

10:05 AM
So Many VA Patients with AS: Why is TAVR Held Back? Case-Based Presentation
Speaker: Scott Kinlay, MBBS, PhD

10:15 AM
Structural Imaging at the VA: Echo, MRI or CTA
Speaker: Mackenzie Mbai, MD

10:25 AM
Three-D Imaging help for TAVR and Mitral Clip: Examples
Speaker: Joseph Krepp, MD

10:35 AM
VA Patients Do Better with TAVR and or Mitral Clip: My Experience
Speaker: Christian D. Nagy, MD, PhD

10:45 AM
Tri-Leaflet Aortic Valve Reconstruction with Autologous Pericardium Is Best: We Prefer the Newly Created VAPHS Ozaki Procedure
Speaker: Danny Chu, MD

10:55 AM
LAA Closure, TAVR or Mitral Clip at the VA: Recorded Case
Speaker: Stephan Bertog, MD

11:05 AM
How to Manage This Complication? A Rapid-Fire Case-Based Scenarios
Speaker: Ronnie Ramadan, MD

11:15 AM
Technical Aspects of Complex Hybrid Percutaneous Management Thoracic Aorta - Case Presentation of a Veteran
Speaker: Shawn N. Sarin, MD

11:25 AM
Endocarditis - An Ongoing Health Burden
Speaker: Hans R. Figulla, MD, PhD

11:35 AM
Panel Discussion: Structural Interventions at the VA
Panel Moderator: Stephan Bertog, MD
Panel Moderator: Scott Kinlay, MBBS, PhD
Panel Moderator: Gregory Trachiotis, MD
Panelist: Danny Chu, MD
Panelist: Gordon Burke, MD
Panelist: Joseph Krepp, MD
Panelist: Mackenzie Mbai, MD
Panelist: Christian D. Nagy, MD, PhD
Panelist: Shawn N. Sarin, MD
Peripheral Interventions & Clinical Research at the VA

11:50 AM - 1:00 PM

11:50 AM
Peripheral Interventions & Clinical Research at the VA
Moderator: Derrick Green, MD
Moderator: Madhan Shanmugasundaram, MD, FACC, FSCAI
Moderator: Javier A. Valle, MD, MSCS

11:50 AM
Adverse Events in the Cath Lab- Lessons From the VA CART MAE Program
Speaker: Crispin Davies, MD FACC

12:00 PM
Veterans Do Better with Endovascular Procedures: Case – Based
Speaker: Madhan Shanmugasundaram, MD, FACC, FSCAI

12:10 PM
My Best Cases and How to Salvage Complications
Speaker: Derrick Green, MD

12:20 PM
Peripheral Interventions at the VA: Do We Still Need Surgery?
Speaker: Taisei Kobayashi, MD

12:30 PM
CART-CL- A Perfect Tool for Clinical and Research at the VA: An Update
Speaker: Javier A. Valle, MD, MSCS

12:40 PM
PEI for RAS 2020 - A Call for Action in the VA Health System
Speaker: On Topaz, FACC, FSCAI

12:50 PM
Panel Discussion: Peripheral Interventions & Clinical Research at the VA
Panel Moderator: Derrick Green, MD
Panel Moderator: Madhan Shanmugasundaram, MD, FACC, FSCAI
Panel Moderator: Javier A. Valle, MD, MSCS
Panelist: Crispin Davies, MD FACC
Panelist: Taisei Kobayashi, MD
Panelist: On Topaz, FACC, FSCAI

1:00 PM
Closing Remarks
Speaker: Vasilios Papademetriou, MD, DSc

1:00 PM
Adjourn
Late-Breaking Trials: Session III [Tuesday]

2/25/2020, 11:15 AM – 12:15 PM
Room: Potomac A/B

Late Breaking Trials: Session III [Tuesday]
Panel Moderator: Andreas Baumbach, MD, FRCP, FESC
Panel Moderator: Hendrik Treede, MD
Panelist: Carlo Di Mario, MD
Panelist: Poonam Velagapudi, MD
Panelist: Giora Weisz, MD

11:15 AM
Anticoagulation Versus Antiplatelet Therapy After Transcatheter Aortic Valve Replacement in Low Risk Patients
Speaker: Toby Rogers, MD, PhD

11:25 AM
Discussion

11:35 AM
Long-Term Survival Following Transcatheter Mitral Valve Repair: Pooled Analysis of Prospective Trials with the Carillon Device
Speaker: Janusz Lipiecki, MD, PhD

11:45 AM
Discussion

11:55 AM
MANTA Closure in TAVR - The Marvel Prospective Registry
Speaker: Nicolas M. Van Mieghem, MD, PhD, FESC, FACC

12:05 PM
Discussion

12:15 PM
Adjourn
Morning Symposium: Complex Coronary Bifurcation Workshop
2/25/2020, 6:30 AM – 7:55 AM
Room: National Harbor 10-11

Complex Coronary Bifurcation Workshop
Moderator: Mirvat Alasnag, FSCAI, FACP
Moderator: Michael Ragosta, MD
Moderator: David X. Zhao, MD

6:30 AM
Breakfast

6:45 AM
Approaches to Coronary Bifurcation PCI - Review of Techniques
Speaker: Akram W. Ibrahim, MD

6:55 AM
Optimal Procedural Technique for Left Main and Bifurcation Interventions
Speaker: Alok Sharma, MD, FACC

7:05 AM
S or TO POT - Treatment Options for Bifurcation Lesions
Speaker: Surbhi Chamaria, MD

7:15 AM
DK Crush in LM Bifurcation: Crushing the Rival Stent Techniques
Speaker: Debabrata Dash, MD, DM, FICC, FSCAI, FAPSC, FCCP

7:25 AM
One Versus Two Stents in Coronary Bifurcation Stenting
Speaker: Walid Jomaa, MD

7:35 AM
Panel Discussion: What is New for the Treatment of Bifurcations in 2020?
Panel Moderator: Mirvat Alasnag, FSCAI, FACP
Panel Moderator: David X. Zhao, MD
Panel Moderator: Michael Ragosta, MD
Panelist: Khaled F. Al-Shaibi, MBChB, FACC
Panelist: Surbhi Chamaria, MD
Panelist: Debabrata Dash, MD, DM, FICC, FSCAI, FAPSC, FCCP
Panelist: Akram W. Ibrahim, MD
Panelist: Walid Jomaa, MD
Panelist: Michael A. Kutcher, MD
Panelist: Alok Sharma, MD, FACC

7:55 AM
Adjourn
Morning Symposium: Special Procedures Workshop: Transcaval and Basilica - Supported by an educational grant from Medtronic

2/25/2020, 6:30 AM – 7:50 AM
Room: National Harbor 2-3

Special Procedures Workshop: Transcaval and Basilica
Moderator: Danny Dvir, MD
Moderator: Robert J. Lederman, MD

6:30 AM
Breakfast

6:45 AM
LAMPOON
Speaker: Jaffar M. Khan, BMBCCh

6:55 AM
BASILICA
Speaker: Toby Rogers, MD, PhD

7:05 AM
Transcaval: Case Studies
Speaker: Robert J. Lederman, MD

7:15 AM
Batman to Prevent LVOT Obstruction
Speaker: Tarek Helmy, MD, FACC, FSCAI

7:25 AM
Cracking the Valve
Speaker: Adnan Chhatriwalla, MD

7:35 AM
Panel Discussion: Special Procedures Workshop
Panel Moderator: Danny Dvir, MD
Panel Moderator: Robert J. Lederman, MD
Panelist: Adnan Chhatriwalla, MD
Panelist: Tarek Helmy, MD, FACC, FSCAI
Panelist: Jaffar M. Khan, BMBCCh
Panelist: Toby Rogers, MD, PhD

7:50 AM
Adjourn