Saturday, February 20, 2016

CRT ACCESS
Saturday, February 20, 2016
12:30 p.m. – 5:30 p.m.
Room: Empire
Track: Endovascular

Session Course Directors: Nelson Bernardo, MD, FSCAI; Aravinda Nanjundappa, MD, FSCAI; Zoltan Turi, MD, MSCAI

Session One: Radial and Femoral for Complex PCI
12:30 p.m. – 3:00 p.m.

Session Moderators & Panelists: Nelson Bernardo, MD, FSCAI; Walter Tan, MD

12:30 PM
Welcome and Introduction
Presenter: Nelson Bernardo, MD, FSCAI

12:40 PM
Common Femoral Artery Access – Using Landmarks & Fluoroscopy
Presenter: Zoltan Turi, MD, MSCAI

12:50 PM
Common Femoral Artery Access – Using Ultrasound Guidance
Presenter: Walter Tan, MD
1:00 PM
**Radial Artery Access – "Through & Through" Seldinger Technique**
Presenter: Samir Pancholy, MD, FSCAI

1:10 PM
**Radial Artery Access - Anterior Wall Modified Seldinger Technique**
Presenter: Ronald Caputo, MD, FSCAI

1:20 PM
**Ulnar Artery Access - Tips & Tricks**
Presenter: Sasko Kedev, MD, PhD, FSCAI

1:30 PM
**Difficult and Torturous Radial Artery - Tips & Tricks**
Presenter: Tejas Patel, MD, FSCAI

1:40 PM
**Using the Radial Artery for Endovascular Intervention**
Presenter: William Bachinsky, MD, FSCAI

1:50 PM
**Radial Artery Hemostasis and Avoiding Radial Artery Occlusion**
Presenter: Ian Gilchrist, MD, FSCAI

2:00 PM
**Brachial Artery Access**
Presenter: Jeffrey Wang, MD

2:10 PM
**Use of Sheathless Guide Catheters in Transradial PCI**
Presenter: Howard Cohen, MD

2:20 PM
**Pro/Con Radial Access for Complex PCI**
Presenter: Augusto Pichard, MD, FSCAI

2:30 PM
**New Femoral Access Arterial and Venous Closure Devices for PCI**
Presenter: S. Chiu Wong, MD, FSCAI

2:40 PM
**How to Avoid Access-related Common Complications**
Presenter: Douglas Drachman, MD, FSCAI

2:50 PM
**Panel Discussion with Audience Q&A: Radial or Femoral for Complex PCI**
Moderator: Nelson Bernardo, MD, FSCAI
Moderator: Walter Tan, MD
Panel: Robert Gallino, MD
Panel: Ian Gilchrist, MD, FSCAI
Session Two: Alternative Access for Large Bores
3:00 p.m. – 4:20 p.m.

Session Moderators & Panelists: Mark Bates, MD, DSc, FSCAI; Maurice Buchbinder, MD, FSCAI; Adam Greenbaum, FACC, FSCAI; Nelson Bernardo, MD, FSCAI

3:00 PM
Direct Carotid Artery Puncture
Presenter: Mark Wholey, MD

3:10 PM
Aortic and Axillary Artery Cannulation for Large Bore Access
Presenter: Christian Shults, MD

3:20 PM
Transseptal Access
Presenter: Zoltan Turi, MD, MSCAI

3:30 PM
Caval-Aortic Access
Presenter: Adam Greenbaum, FACC, FSCAI

3:40 PM
Large Bore Femoral Access: Pre-closing with Prostar & 2 ProGlides
Presenter: Nelson Bernardo, MD, FSCAI

3:50 PM
Expandable Sheath for Small Iliac Artery
Presenter: Maurice Buchbinder, MD, FSCAI

4:00 PM
Special Access Considerations for Impella
Presenter: Adam Greenbaum, FACC, FSCAI

4:10 PM
Direct LV Puncture
Presenter: Marvin Eng, MD

Session Three: Access for CLI
4:20 p.m. – 5:30 p.m.

Session Moderators & Panelists: Nelson Bernardo, MD, FSCAI; Craig Walker, MD; Aravinda Nanjundappa, MD, FSCAI

4:20 PM  
Antegrade Common Femoral Artery Access  
Presenter: Nelson Bernardo, MD, FSCAI

4:30 PM  
Direct Access of the Superficial Femoral Artery  
Presenter: Aravinda Nanjundappa, MD, FSCAI

4:40 PM  
Basics of Infrapopliteal and Below the Ankle Arterial Interventions  
Presenter: Yazan Khatib, FACC, FSVM, FSCAI

4:50 PM  
Retrograde Distal Pedal Artery Access - Using Fluoro & Road-mapping  
Presenter: Robert Beasley

5:00 PM  
Retrograde Distal Pedal Artery Access - Using Ultrasound Guidance  
Presenter: Nelson Bernardo, MD, FSCAI

5:10 PM  
Panel Discussion with Audience Q&A  
Moderator: Craig Walker, MD  
Panel: Nelson Bernardo, MD, FSCAI  
Panel: Aravinda Nanjundappa, MD, FSCAI  
Panel: Walter Tan, MD  
Panel: Michael Wholey, MD, MBA, FSCAI

5:20 PM  
Closing Remarks  
Presenter: Walter Tan, MD

5:30 PM  
Adjourn

CRT VALVE - COMPLICATIONS
Saturday, February 20, 2016
3:30 p.m. – 5:40 p.m.

Room: Blue Room
Track: Valve & Structural
Session Course Directors: Paul Corso, MD; Ted Feldman, MD, MSCAI; Augusto Pichard, MD, FSCAI; Michael Reardon, MD; Ron Waksman, MD, FSCAI

TAVR Complications and Management
3:30 p.m. – 5:40 p.m.

Session Moderators & Panelists: John Lasala, MD, PhD, FSCAI; Augusto Pichard, MD, FSCAI; Emin Murat Tuzcu, MD, FSCAI; Ron Waksman, MD, FSCAI; Vinayak Bapat, FRCS(CTh); Itsik Ben-Dor, MD; Samir Kapadia, MD, FSCAI; Steven Yakubov, MD, FACC, FSCAI

3:30 PM
Case Presentation of Vascular Complication
Presenter: John Bacharach, MD

3:40 PM
Panel Discussion
Moderator: John Lasala, MD, PhD, FSCAI
Moderator: Augusto Pichard, MD, FSCAI
Moderator: Emin Murat Tuzcu, MD, FSCAI
Moderator: Ron Waksman, MD, FSCAI
Panel: Vinayak Bapat, FRCS(CTh)
Panel: Itsik Ben-Dor, MD
Panel: Samir Kapadia, MD, FSCAI
Panel: Steven Yakubov, MD, FACC, FSCAI

3:50 PM
Case Presentation of Valve Embolization
Presenter: Augusto Pichard, MD, FSCAI

4:00 PM
Panel Discussion
Panel: Vinayak Bapat, FRCS(CTh)
Panel: Itsik Ben-Dor, MD
Panel: Samir Kapadia, MD, FSCAI
Moderator: John Lasala, MD, PhD, FSCAI
Moderator: Augusto Pichard, MD, FSCAI
Moderator: Emin Murat Tuzcu, MD, FSCAI
Moderator: Ron Waksman, MD, FSCAI
Panel: Steven Yakubov, MD, FACC, FSCAI

4:10 PM
Case Presentation of VIV Complication
Presenter: Danny Dvir, MD

4:20 PM
Panel Discussion
Moderator: John Lasala, MD, PhD, FSCAI
Moderator: Augusto Pichard, MD, FSCAI
Moderator: Emin Murat Tuzcu, MD, FSCAI
Moderator: Ron Waksman, MD, FSCAI
Panel: Vinayak Bapat, FRCS(CTh)
Panel: Itsik Ben-Dor, MD
4:30 PM
**Case Presentation of Coronary Obstruction**
Presenter: Itsik Ben-Dor, MD

4:40 PM
**Panel Discussion**
Panel: Vinayak Bapat, FRCS(CTh)
Panel: Itsik Ben-Dor, MD
Panel: Samir Kapadia, MD, FSCAI
Moderator: John Lasala, MD, PhD, FSCAI
Moderator: Augusto Pichard, MD, FSCAI
Moderator: Emin Murat Tuzcu, MD, FSCAI
Moderator: Ron Waksman, MD, FSCAI
Panel: Steven Yakubov, MD, FACC, FSCAI

4:50 PM
**Case Presentation of Valve Migration**
Presenter: Samir Kapadia, MD, FSCAI

5:00 PM
**Panel Discussion**
Moderator: John Lasala, MD, PhD, FSCAI
Moderator: Augusto Pichard, MD, FSCAI
Moderator: Emin Murat Tuzcu, MD, FSCAI
Moderator: Ron Waksman, MD, FSCAI
Panel: Vinayak Bapat, FRCS(CTh)
Panel: Itsik Ben-Dor, MD
Panel: Samir Kapadia, MD, FSCAI
Panel: Steven Yakubov, MD, FACC, FSCAI

5:10 PM
**My Worst Nightmare: Case Presentation**
Presenter: Horst Sievert, MD, FSCAI

5:20 PM
**Managing TAVR Patients with Atrial Fibrillation**
Presenter: George Dangas, MD, FSCAI

5:30 PM
**Take Home Message from These Cases**
Presenter: Emin Murat Tuzcu, MD, FSCAI

5:40 PM
Adjourn
CRT VALVE - IMAGING
Saturday, February 20, 2016
12:00 p.m. – 3:15 p.m.
Room: Blue Room
Track: Valve & Structural

**Session Course Directors:** Paul Corso, MD; Ted Feldman, MD, MSCAI; Augusto Pichard, MD, FSCAI; Michael Reardon, MD; Ron Waksman, MD, FSCAI

**Imaging the Mitral**
12:00 p.m. – 1:20 p.m.

**Session Moderators & Panelists:** Ted Feldman, MD, MSCAI; Steven Goldstein, MD; Jonathan Leipsic, MD, FRCPC

12:00 PM
**Imaging for Mitral Intervention: Effective Use of Transthoracic Echocardiogram and Transesophageal Echocardiogram**
Presenter: Steven Goldstein, MD

12:10 PM
**CT Data Acquisition and Analysis for Mitral Valve Disease**
Presenter: Jonathan Leipsic, MD, FRCPC

12:20 PM
**Mitral Regurgitation: Assessing Residual Mitral Regurgitation Post-surgical Intervention**
Presenter: Zuyue Wang, MD

12:30 PM
**How to Grade Mitral Regurgitation After MitralClip**
Presenter: Federico Asch, MD

12:40 PM
**3D Intracardiac Echocardiography: Intraprocedural Imaging for Structural Heart Procedures**
Presenter: Brijeshwar Maini, MD

12:50 PM
**Intraprocedural Imaging for Transcatheter Mitral Valve Leak Repair**
Presenter: Rebecca Hahn, MD

1:00 PM
**Roundtable Discussion with Audience Q&A**
Panel: Federico Asch, MD
Moderator: Ted Feldman, MD, MSCAI
Moderator: Steven Goldstein, MD
Panel: Rebecca Hahn, MD
Panel: Samir Kapadia, MD, FSCAI
Panel: Jonathan Leipsic, MD, FRCPC
Panel: Zuyue Wang, MD
Imaging the Aortic
1:20 p.m. – 3:15 p.m.

Session Moderators & Panelists: Haim Danenberg, MD; Rebecca Hahn, MD; Brijeshwar Maini, MD

1:20 PM
Essentials of Echocardiogram Imaging for Transcatheter Aortic Valve Replacement
Presenter: Rebecca Hahn, MD

1:30 PM
Sizing Algorithms for Transcatheter Aortic Valve Implantation with Multiple Detector CT
Presenter: Jonathan Leipsic, MD, FRCPC

1:40 PM
Assessment of the Transcatheter Aortic Valve Replacement: How to Acquire and Analyze a CT Dataset
Presenter: Jonathan Leipsic, MD, FRCPC

1:50 PM
Assessing Residual Aortic Regurgitation
Presenter: Federico Asch, MD

2:00 PM
How to Deal with a Discrepancy Between Imaging In-house and Corelab Measurements
Presenter: Gaby Weissman, MD

2:10 PM
Imaging Considerations for Optimal Valve-in-Valve Procedures
Presenter: Danny Dvir, MD

2:20 PM
Multimodality Imaging for Transcatheter Aortic Valve Replacement Thrombosis
Presenter: Federico Asch, MD

2:30 PM
How to Deal with a Discrepancy Between Imaging Modalities Pre and Post Transcatheter Aortic Valve Replacement
Presenter: Hasan Jilaihawi, MD

2:40 PM
How to Perform and Analyze a Stress Echocardiogram in Valvular Heart Disease
Presenter: Zuyue Wang, MD

2:50 PM
Annular Alignment and Optimal Prosthesis for Transcatheter Aortic Valve Replacement Assisted Imaging
Presenter: Ted Feldman, MD, MSCAI

3:00 PM
Roundtable Discussion with Audience Q&A
Moderator: Ted Feldman, MD, MSCAI
Moderator: Steven Goldstein, MD
Panel: Federico Asch, MD
Panel: Haim Danenberg, MD
NEW STRATEGIES FOR THE TREATMENT OF CALCIFIED LESIONS - EVENING SYMPOSIUM
Saturday, February 20, 2016
7:00 p.m. – 8:30 p.m.
Room: Diplomat
Track: Satellite Symposia

Session Course Directors: Jeffrey Chambers, MD, FSCAI; Robert Gallino, MD; Philippe Genereux, MD

7:00 PM
Dinner
7:30 PM
Calcium in the Peripheral and Coronary Arteries: The Pathologist View
Presenter: Renu Virmani, MD

7:40 PM
Updated Evidence for Treatment of Calcified Lesions: What Are the Options?
Presenter: Philippe Genereux, MD

7:50 PM
Interesting Cases from ORBIT Trials
Presenter: Jeffrey Chambers, MD, FSCAI

8:00 PM
My Best and Worst Cases of Orbital Atherectomy: Learning to Use a New Tool
Presenter: Itsik Ben-Dor, MD

8:10 PM
Vessel Preparation of Calcified Lesions: Why is it Necessary
Presenter: Augusto Pichard, MD, FSCAI

8:20 PM
Orbital Atherectomy Treatment Of Severely Calcified Coronary Lesions: Final 3-year Results Of The ORBIT II Trial
Presenter: Jeffrey Chambers, MD, FSCAI

8:30 PM
Adjourn
OPTIMIZING A TAVR PROGRAM IN YOUR INSTITUTION - MAKE IT SIMPLE
Saturday, February 20, 2016
7:00 p.m. – 9:05 p.m.
Room: Blue Room
Track: Satellite Symposia

Session Course Directors: Paul Corso, MD; Augusto Pichard, MD, FSCAI; Ron Waksman, MD, FSCAI

7:00 PM
Break
7:15 PM
Alternative Access: When and How to Make it Safe and Effective
Presenter: Vinayak Bapat, FRCS(CTh)

7:25 PM
Discussion
Moderator: Paul Corso, MD
Moderator: Augusto Pichard, MD, FSCAI
Moderator: Ron Waksman, MD, FSCAI
Panel: Vinayak Bapat, FRCS(CTh)
Panel: Howard Herrmann, MD, FACC, MSCAI
Panel: Christian Shults, MD
Panel: Emin Murat Tuzcu, MD, FSCAI
Panel: Alec Vahanian, MD

7:35 PM
Making TAVR Simple with an Awake Patient and Early Discharge
Presenter: Augusto Pichard, MD, FSCAI

7:45 PM
Treating the Inoperable Tools to Make a Decision on Who Still Benefits from TAVR
Presenter: Howard Herrmann, MD, FACC, MSCAI

7:55 PM
Discussion
Moderator: Paul Corso, MD
Moderator: Augusto Pichard, MD, FSCAI
Moderator: Ron Waksman, MD, FSCAI
Panel: Vinayak Bapat, FRCS(CTh)
Panel: Howard Herrmann, MD, FACC, MSCAI
Panel: Emin Murat Tuzcu, MD, FSCAI
Panel: Alec Vahanian, MD

8:05 PM
Are We Ready for Expanding Indications of Moderate and Low-risk: The European Perspective
Presenter: Alec Vahanian, MD

8:15 PM
Discussion
Moderator: Paul Corso, MD
Moderator: Augusto Pichard, MD, FSCAI
8:25 PM
**How is TAVR Implemented in the US? Lessons from the TVT Registry**
Presenter: Emin Murat Tuzcu, MD, FSCAI

8:35 PM
**Discussion**
Moderator: Paul Corso, MD
Moderator: Augusto Pichard, MD, FSCAI
Moderator: Ron Waksman, MD, FSCAI
Panel: Howard Herrmann, MD, FACC, MSCAI
Panel: Emin Murat Tuzcu, MD, FSCAI
Panel: Alec Vahanian, MD

8:45 PM
**Patient Care Post-TAVR: What Are the Essentials?**
Presenter: Sameer Gafoor, MD, FSCAI

8:55 PM
**Discussion**
Moderator: Howard Herrmann, MD, FACC, MSCAI
Moderator: Augusto Pichard, MD, FSCAI
Moderator: Ron Waksman, MD, FSCAI
Panel: Emin Murat Tuzcu, MD, FSCAI
Panel: Alec Vahanian, MD

9:05 PM
Adjourn

**PROTECTED PCI: TREATMENT STRATEGY FOR COMPLETE REVASCULARIZATION FOR HIGHER-RISK INDICATED PATIENTS (CHIP)**
Saturday, February 20, 2016
12:00 p.m. – 5:00 p.m.
Room: Diplomat
Track: Satellite Symposia

**Session Course Directors:** Mark Grise, MD; John Lasala, MD, PhD, FSCAI

**Introduction to CHIP**
12:00 p.m. – 2:15 p.m.
Session Moderators & Panelists: Mark Grise, MD; John Lasala, MD, PhD, FSCAI

12:00 PM  Welcome and Course Goals
Presenter: John Lasala, MD, PhD, FSCAI

12:05 PM  A Compelling Case for Complex PCI in the Modern Era: Introduction to CHIP and Protected PCI with Impella
Presenter: John Lasala, MD, PhD, FSCAI

12:30 PM  A Growing Population in the Cath Lab: Patient Identification
Presenter: Seth Bilazarian

1:00 PM  Optimal Revascularization Strategy
Presenter: William Lombardi, MD, FSCAI

1:30 PM  Access and Patient Management
Presenter: Mark Grise, MD

2:00 PM  Break

Treatment Strategies for Protected PCI: A Case-Based Review
2:15 p.m. – 5:00 p.m.

Session Moderators & Panelists: Subhash Banerjee, MD; Emmanouil Brilakis, MD, PhD

2:15 PM  Rotational Atherectomy
Presenter: Gautam Kumar, MD, FSCAI
Panel: Nidal Abi Rafeh, MD

2:31 PM  Orbital Atherectomy
Presenter: Subhash Banerjee, MD
Panel: Amer Ardati, MD, MSc

2:47 PM  UPLM
Presenter: Ali Denktas, MD, FACC
Panel: John Corbelli, MD
Panel: Faisal Latif, MD, FSCAI

3:03 PM  MVD
3:19 PM
UA/NSTEMI with Complex Disease
Presenter: Carlos Alfonso, MD
Panel: David Paniagua, MD, FACC
Panel: Joseph Salloum, MD

3:35 PM
CTO/Low EF
Presenter: Emmanouil Brilakis, MD, PhD
Panel: Kendrick Shunk, MD, PhD

3:51 PM
Q&A Session

4:00 PM
Starting Your Protected PCI Program
Presenter: Perwaiz Meraj, MD, FSCAI

4:30 PM
Closing Remarks: What We Learned Today
Presenter: Mark Grise, MD

5:00 PM
Adjourn

THE MITRACLIP WORKSHOP
Saturday, February 20, 2016
12:00 p.m. – 5:30 p.m.
Room: Palladian
Track: Satellite Symposia

Session Course Directors: Ted Feldman, MD, MScAI; Scott Lim, MD

Power Break: Setting the Stage - Part I (NON-CME, Sponsored by Abbott)
12:00 p.m. – 1:15 p.m.

Session Moderators & Panelists: Ted Feldman, MD, MScAI; Scott Lim, MD

12:00 PM
Power Break
12:15 PM
Step-by-Step Procedure Review
Presenter: Scott Lim, MD

12:35 PM
Two Interactive Complex MitraClip Cases Discussions
Presenter: James Hermiller, MD, FACC, FSCAI

12:55 PM
How to Start a Successful Mitral Valve Center
Presenter: Brijeshwar Maini, MD

Setting the Stage - Part II
1:15 p.m. – 3:30 p.m.

Session Moderators & Panelists: Ted Feldman, MD, MSCAI; Scott Lim, MD

1:15 PM
Which Patients Should be Targeted for MitraClip Procedures
Presenter: Robert Bonow, MD, MS

1:30 PM
Echo-imaging Criteria for MitraClip Procedures
Presenter: Zuyue Wang, MD

1:40 PM
CTA Imaging of the Mitral Valve: What is Needed for Today's Interventions
Presenter: Carlos Ruiz, MD, PhD, MSCAI

1:50 PM
Evaluating and Avoiding Mitral Stenosis Post-clip
Presenter: James Hermiller, MD, FACC, FSCAI

2:00 PM
What Are the Limitations of the MitraClip? Predictors of Success and Complications
Presenter: Ted Feldman, MD, MSCAI

2:10 PM
Evaluating the Spectrum of Mitral Anatomy for MitraClip: Simple to Complex
Presenter: Srihari Naidu, MD, FSCAI

2:20 PM
What to Do with Single Leaflet Clip Detachment?
Presenter: Samir Kapadia, MD, FSCAI

2:30 PM
How Should We Assess the Mitral Valve Following Percutaneous Repair?
2:40 PM
**Recorded Case**
Presenter: Brijeshwar Maini, MD

3:00 PM
**When to Use More than One Clip and When to Stop?**
Presenter: Samir Kapadia, MD, FSCAI

3:10 PM
**Transseptal Tips for MitraClip Implantation: How to Ensure Success and Safety?**
Presenter: Zoltan Turi, MD, MSCAI

3:20 PM
**Tea Break**

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**MitraClip: Show Me the Data**
3:30 p.m. – 5:30 p.m.

**Session Moderators & Panelists:** Howard Herrmann, MD, FACC, MSCAI; William Gray, MD, FSCAI

3:30 PM
**EVEREST II 5-Year Report and Beyond**
Presenter: Ted Feldman, MD, MSCAI

3:40 PM
**EVEREST REALISM Non-High-Risk Cohort**
Presenter: Howard Herrmann, MD, FACC, MSCAI

3:50 PM
**MitraClip: The European Experience**
Presenter: Carlo Di Mario, MD

4:00 PM
**MitraClip Outcomes from the STS TVT Registry**
Presenter: Ted Feldman, MD, MSCAI

4:20 PM
**A Case of MitraClip**
Presenter: Anita Asgar, MD, FACC

4:30 PM
**Complications and Bailout of the MitraClip Procedure**
Presenter: William Gray, MD, FSCAI

4:40 PM
**Examples of When MitraClip Failed**
Presenter: Scott Lim, MD

4:50 PM
My Best Tips & Tricks to Have a Successful MitraClip Procedure
Presenter: Brijeshwar Maini, MD

5:00 PM
Which Patient Would a Surgeon Refer for MitraClip?
Presenter: Steven Bolling, MD

5:10 PM
Panel Discussion and Audience Q & A
Moderator: Ted Feldman, MD, MSCI
Panel: Carlo Di Mario, MD
Panel: Zuyue Wang, MD
Panel: William Gray, MD, FSCAI
Panel: Thierry Mesana, MD, PhD
Panel: Steven Bolling, MD

5:30 PM
Adjourn

Sunday, February 21, 2016

ACS & AMI MANAGEMENT
Sunday, February 21, 2016
8:00 a.m. – 4:45 p.m.
Room: Diplomat
Track: Coronary

Session Course Directors: C. Michael Gibson, MD; Paul Gurbel, MD, FSCAI; Neal Kleiman, MD, FSCAI

Antiplatelet Controversies for ACS: How Will They Impact Our Practice?
8:00 a.m. – 10:30 a.m.

Session Moderators & Panelists: C. Michael Gibson, MD; Paul Gurbel, MD, FSCAI; Ron Waksman, MD, FSCAI; Duane Pinto, MD, MPH, FSCAI

8:00 AM
How Does One Implement a Protocol for Antiplatelet Therapy in ACS and During PCI?
Presenter: Jeffrey Berger, MD, MS

8:10 AM
Why I Prefer Ticagrelor
Presenter: Dominick Angiolillo, MD, PhD, FSCAI

8:20 AM
Why I Prefer Prasugrel
Presenter: Paul Gurbel, MD, FSCAI

8:30 AM
Why I Prefer Clopidogrel – Medical or Economic?
Presenter: David Cox, MD, FSCAI

8:40 AM
Will I Start Using Cangrelor?
Presenter: Gary Schaer, MD, FSCAI

8:50 AM
Transition Care Post-PCI: Is it Safe to Switch Back to Clopidogrel?
Presenter: Paul Gurbel, MD, FSCAI

9:00 AM
Should Tirofiban Alter Our Approach?
Presenter: Michael Lipinski, MD, PhD, FSCAI

9:10 AM
How Does Atrial Fibrillation Change the Equation - WOEST Protocol?
Presenter: C. Michael Gibson, MD

9:20 AM
What is the Optimal Duration of DAPT after PCI? Insights from the DAPT Trial
Presenter: David Cohen, MD, FSCAI

9:30 AM
How Vorapaxar Should be Integrated for ACS Patients in Practice
Presenter: Ori Ben-Yehuda, MD

9:40 AM
Dare to Say No: Are We Using Too Many Drugs? Can We Drop Aspirin?
Presenter: Roxana Mehran, MD, FACC, FSCAI

9:50 AM
Panel Discussion: Optimal Antiplatelet Management of Patients with ACS – Treated Medically or by Revascularization
Moderator: Paul Gurbel, MD, FSCAI
Moderator: Neal Kleiman, MD, FSCAI
Moderator: Ron Waksman, MD, FSCAI
Digital Moderator: Dominick Angiolillo, MD, PhD, FSCAI
Panel: Jeffrey Berger, MD, MS
Panel: David Cohen, MD, FSCAI  
Panel: Roxana Mehran, MD, FACC, FSCAI  

10:15 AM  
**Morning Break**

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**Antiplatelet Responsiveness, Genetics, Genomics and Drug-to-Drug Interactions: The Great Debate**  
10:30 a.m. – 11:00 a.m.

**Session Moderators & Panelists:** Dominick Angiolillo, MD, PhD, FSCAI; C. Michael Gibson, MD; Neal Kleiman, MD, FSCAI; Michael Gaglia, MD, MSc, FSCAI

10:30 AM  
**Role Reversal I: What Are the Weaknesses of Point of Care and Genotyping for Clinical Use? Are We Self-Delusional?**

Presenter: Paul Gurbel, MD, FSCAI

10:40 AM  
**Role Reversal II: It’s Time to Make a Leap of Faith: There Is A Role for Point of Care and Genotyping in Daily Practice**

Presenter: Alexandra Lansky, MD, FSCAI

10:50 AM  
**Panel Discussion: Antiplatelet Responsiveness, Genetics, Genomics and Drug-to-Drug Interactions**

Moderator: Paul Gurbel, MD, FSCAI  
Moderator: Neal Kleiman, MD, FSCAI  
Digital Moderator: Alexandra Lansky, MD, FSCAI  
Panel: Dominick Angiolillo, MD, PhD, FSCAI  
Panel: Michael Lipinski, MD, PhD, FSCAI

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**The Oral Factor Xa Inhibitor Controversy**  
11:00 a.m. – 12:20 p.m.

**Session Moderators & Panelists:** C. Michael Gibson, MD; David Moliterno, MD, FSCAI; Michael Gaglia, MD, MSc, FSCAI

11:00 AM  
**Oral Anticoagulants for Atrial Fibrillation: Is There a Winner?**

Presenter: C. Michael Gibson, MD

11:10 AM  
**Dabigatran: Are There Any Concerns?**

Presenter: Neal Kleiman, MD, FSCAI

11:20 AM  
**Should We Combine Antiplatelet Therapy with Oral Factor Xa Inhibitors?**

Presenter: Dominick Angiolillo, MD, PhD, FSCAI
11:30 AM  
**Rivaroxaban in Patients with ACS: Do the Data Provide Support?**  
Presenter: C. Michael Gibson, MD

11:40 AM  
**What Did We Learn from the WOEST Studies and Protocols? Are We Ready to Drop Aspirin From Triple Therapy?**  
Presenter: Sunil Rao, MD, FSCAI

11:50 AM  
**Is RNA Aptamer Technology Dead?**  
Presenter: A. Michael Lincoff, MD

12:00 PM  
**Panel Discussion: How to Choose Your Oral Factor Xa Inhibitor**  
Panel: Dominick Angiolillo, MD, PhD, FSCAI  
Moderator: C. Michael Gibson, MD  
Panel: Sanjit Jolly, MD, MSc  
Digital Moderator: Michael Gaglia, MD, MSc, FSCAI  
Panel: A. Michael Lincoff, MD

12:10 PM  
Break

**The Thrombin Inhibitors Great Debate: Bivalirudin vs. Heparin (Lunch Symposium)**  
12:20 p.m. – 1:20 p.m.

**Session Moderators & Panelists:** George Dangas, MD, FSCAI; David Moliterno, MD, FSCAI; Jeffrey Berger, MD, MS

12:20 PM  
**Lunch**

12:35 PM  
**Debate: Is Bivalirudin Superior to Heparin for ACS Patients?**  
Presenter: Gregg Stone, MD, FSCAI

12:45 PM  
**Debate: Heparin Should be the First-line Therapy for Patients with ACS/AMI**  
Presenter: A. Michael Lincoff, MD

12:55 PM  
**Panel Discussion: How to Optimize Thrombin Inhibitors for STEMI/Non-STEMI**  
Moderator: Paul Gurbel, MD, FSCAI  
Digital Moderator: Jeffrey Berger, MD, MS  
Panel: Sanjit Jolly, MD, MSc  
Panel: Neal Kleiman, MD, FSCAI  
Panel: A. Michael Lincoff, MD  
Panel: Michael Lipinski, MD, PhD, FSCAI  
Panel: Gregg Stone, MD, FSCAI

1:10 PM
Acute MI Management
1:20 p.m. – 3:30 p.m.

Session Moderators & Panelists: Eric Bates, MD, FSCAI; Lowell Satler, MD, FSCAI; Jonathan Reiner, MD; Alice Jacobs, MD, FAHA

1:20 PM
2016: When Do You Use a Thrombolytic and When Do You Use Primary PCI?
Presenter: Eric Bates, MD, FSCAI

1:30 PM
Establishing a STEMI System of Care in Chicago: Frustrations and Solutions
Presenter: Gary Schaer, MD, FSCAI

1:40 PM
Door-to-Unloading: A Paradigm Shift in the Treatment of STEMI
Presenter: Howard Cohen, MD

1:50 PM
Upstream Platelet ADP Receptor Inhibition in STEMI: Prasugrel, Ticagrelor, and Clopidogrel—Should Cangrelor Change Practice?
Presenter: Gary Schaer, MD, FSCAI

2:00 PM
Strategies to Minimize Bleeding for Patients with ACS: Does the Transradial Approach Really Make a Difference?
Presenter: Sunil Rao, MD, FSCAI

2:10 PM
STEMI Systems of Care - Update on Mission: We Are Better, but Does it Make an Impact on Patient Survival?
Presenter: Alice Jacobs, MD, FAHA

2:20 PM
Management of Multivessel Disease in the STEMI Patient
Presenter: Howard Cohen, MD

2:30 PM
Eliminating Emergency Department– Ambulance to Cath Lab Transfer?
Presenter: Timothy Henry, MD

2:40 PM
STEMI Fatigue: How to Keep D2B Times from Eroding as STEMI PCI becomes Routine
Panel: James Blankenship, MD, MHCM, FSCAI

2:50 PM
Telemedicine to Analyze ST Segment to Detect Events Post-MI
Presenter: C. Michael Gibson, MD

3:00 PM
Panel Discussion: How Should We Optimize Door-to-Balloon Time for STEMI in 2016?
Moderator: Alice Jacobs, MD, FAHA
Moderator: Jonathan Reiner, MD
Moderator: Lowell Satler, MD, FSCAI
Panel: James Blankenship, MD, MHCM, FSCAI
Panel: C. Michael Gibson, MD
Panel: Timothy Henry, MD

3:10 PM
Break and Visit the Exhibit Hall

Thrombus Management in the Cath Lab
3:30 p.m. – 3:50 p.m.

Session Moderators & Panelists: Howard Cohen, MD; Timothy Henry, MD; Steven Manoukian, MD, FACC, FSCAI; Manesh Patel, MD, FSCAI

3:30 PM
Is There Still A Role for Thrombus Aspiration in STEMI?
Presenter: Sanjit Jolly, MD, MSc

3:40 PM
Thrombus Management in the Cath Lab: What Are the Pharmacological Options and Outcomes?
Presenter: George Dangas, MD, FSCAI

Myocardial Preservation and Restoration
3:50 p.m. – 4:45 p.m.

Session Moderators & Panelists: Howard Cohen, MD; Timothy Henry, MD; Manesh Patel, MD, FSCAI

3:50 PM
Translational Research for Myocardial Regeneration
Presenter: Timothy Henry, MD

4:00 PM
How to Optimize Therapeutic Hypothermia and What to Expect
Presenter: Michael Mooney, MD, FSCAI

4:10 PM
Assist Devices for the Treatment of Cardiogenic Shock Patients: IABP vs. Impella
Presenter: John Lasala, MD, PhD, FSCAI

4:20 PM
Assist Devices for the Treatment of Cardiogenic Shock Patients: ECMO, TandemHeart, and Left Ventricular Assist Device
Presenter: Ezequiel Molina, MD
4:30 PM

Panel Discussion: Optimal Management of Patients Presenting with Acute MI Complicated with Cardiogenic Shock
Moderator: Howard Cohen, MD
Moderator: Timothy Henry, MD
Digital Moderator: Manesh Patel, MD, FSCAI
Panel: Sanjit Jolly, MD, MSc
Panel: John Lasala, MD, PhD, FSCAI
Panel: Ezequiel Molina, MD
Panel: Michael Mooney, MD, FSCAI

4:45 PM

Adjourn

ATHEROSCLEROSIS, PHYSIOLOGY, AND IMAGING
Sunday, February 21, 2016
8:00 a.m. – 5:30 p.m.

Room: Hampton
Track: Atherosclerosis & Research

Session Course Directors: H. Bryan Brewer, MD; Justin Davies, BSc, MBBS, PhD; Renu Virmani, MD; Robert Wilensky, MD, FSCAI

Coronary Physiology (Supported through an educational grant from Volcano Corporation)
8:00 a.m. – 10:10 a.m.

Session Moderators & Panelists: Habib Samady, MD, FSCAI; Justin Davies, BSc, MBBS, PhD; Morton Kern, MD, FSCAI; John Hodgson, MD, FSCAI

8:00 AM
What is the Basis for FFR and Why We Need It in the Cath Lab
Presenter: Fadi Matar, MD, FSCAI

8:10 AM
Coronary Pressure and Flow: Apply the Measurements for Best Outcomes
Presenter: Morton Kern, MD, FSCAI

8:20 AM
Should Physiological Guidance Precede Every CABG?
Presenter: Morton Kern, MD, FSCAI

8:30 AM
Are We Always Stenting the Physiologically Most Significant Lesion? Can Systematic Lesion Assessment Using iFR/FFR Pullback Help?
Presenter: Carlo Di Mario, MD

8:40 AM
iFR and FFR: A Review of Their Differences and Emerging Available FFR Systems  
Presenter: Edo Kaluski, MD, FSCAI  
8:50 AM

FFRCT - State of the Science  
Presenter: Jonathan Leipsic, MD, FRCPC  
9:00 AM

Controversies in Physiology: Sorting Out the Contenders for Best Outcomes  
Presenter: Morton Kern, MD, FSCAI  
9:10 AM

Will DEFINE, FLAIR and iFR-SWEDEHEART Change the Physiology Paradigm?  
Presenter: Javier Escaned, MD, PhD  
9:20 AM

PCI to Improve Exercise Capacity Over Medical Therapy: Will ORIBTA Challenge the Results of COURAGE?  
Presenter: Justin Davies, BSc, MBBS, PhD  
9:30 AM

Can SYNTAX II and FAME 3 Demonstrate the Utility of Coronary Physiological Guidance for Complex Multi-vessel PCI  
Presenter: Javier Escaned, MD, PhD  
9:40 AM

Can I Use Resting Gradients like iFR Safely for Clinical Decision-making?  
Presenter: Allen Jeremias, MD, FSCAI  
9:50 AM

Panel Discussion: Expanding Global Adoption of FFR-guided Intervention  
Moderator: Justin Davies, BSc, MBBS, PhD  
Moderator: Morton Kern, MD, FSCAI  
Panel: Takashi Akasaka, MD, PhD  
Panel: Allen Jeremias, MD, FSCAI  
Panel: Edo Kaluski, MD, FSCAI  
Panel: Fadi Matar, MD, FSCAI  
Panel: Habib Samady, MD, FSCAI  
10:00 AM

Morning Break

Imaging OCT/Infrared/IVUS/MSCT: Workshop and Mixed Case Studies  
10:10 a.m. – 11:00 a.m.

Session Moderators & Panelists: Takashi Akasaka, MD, PhD; Gary Mintz, MD; Hiram Bezerra, MD, PhD

10:10 AM

OCT in the Unstable Patient with ACS  
Presenter: Takashi Akasaka, MD, PhD
10:20 AM
NIRS in Unstable Patient with ACS/NSTEMI
Presenter: Ryan Madder, MD

10:30 AM
OCT/IVUS for Bioresorbable Vascular Scaffold
Presenter: Yoshinobu Onuma, MD, PhD

10:40 AM
OCT Imaging of Neoatherosclerosis
Presenter: Michael Joner, MD

10:50 AM
Intravascular Imaging of Spontaneous Coronary Artery Dissection
Presenter: Rajiv Gulati, MD, PhD, FSCAI

New Insights Into the Pathophysiology of the Atherosclerotic Plaque
11:00 a.m. – 12:00 p.m.

Session Moderators & Panelists: Amir Lerman, MD; Peter Stone, MD; Renu Virmani, MD; Robert Wilensky, MD, FSCAI

11:00 AM
Key Mechanisms for the Development of ACS Insights from Autopsies
Presenter: Renu Virmani, MD

11:07 AM
The Role of Inflammation and Coronary Artery Disease
Presenter: Robert Wilensky, MD, FSCAI

11:14 AM
Identification of the CAD Patient at Near-term Risk of MI or Death: The Power of Aggregating Biomarkers Involved in Multiple “Vulnerability” Pathways
Presenter: Stephen Epstein, MD

11:21 AM
Impaired Lipid Core Regression in Diabetic Atherosclerosis
Presenter: Pedro Moreno, MD

11:28 AM
The Role of Local Endothelial Shear Stress in the Risk Stratification of Individual Coronary Plaques
Presenter: Peter Stone, MD

11:35 AM
Plaque Vulnerability: From Discovery to Clinical Characterization (“Twenty Years After”)
Presenter: Zorina Galis, PhD

11:42 AM
Panel Discussion: Is It the Vulnerable Plaque or the Vulnerable Patient?
Moderator: Steven Nissen, MD
Moderator: Renu Virmani, MD
Panel: Alok Finn, MD
Panel: Zorina Galis, PhD
Panel: Ik-Kyung Jang, MD, PhD
Panel: Amir Lerman, MD
Panel: Gary Mintz, MD
Panel: Pedro Moreno, MD
Panel: Peter Stone, MD
Panel: Robert Wilensky, MD, FSCAI

Imaging to Detect Plaque Vulnerability
1:20 p.m. – 2:38 p.m.

Session Moderators & Panelists: Michael Joner, MD; Ryan Madder, MD

1:20 PM
It’s Only the Vulnerable Patient
Presenter: Steven Nissen, MD

1:20 PM
Debate: Is It the Vulnerable Plaque or the Vulnerable Patient?
Moderator: Renu Virmani, MD

1:30 PM
It’s Both the Patient and the Plaque
Presenter: James Muller, MD

1:40 PM
Cardiac CT for the Imaging of Human Coronary Atherosclerosis
Presenter: Jonathan Leipsic, MD, FRCPC

1:50 PM
Near-infrared Fluorescence: Molecular Imaging of Endothelial Cells
Presenter: Michael Joner, MD

1:57 PM
Macrophages as a Target for Vulnerable Plaque Detection
Presenter: Alok Finn, MD

2:05 PM
Near-infrared Spectroscopy IVUS Imaging to Detect Lipid-rich Plaque with Large Plaque
Presenter: James Goldstein, MD, FSCAI

2:12 PM
OCT and Detection of Plaque Erosion
Presenter: Ik-Kyung Jang, MD, PhD
2:26 PM

Panel Discussion: What Should Be the Ideal Tool to Detect the Vulnerable Plaque?
Panel: Ik-Kyung Jang, MD, PhD
Panel: Ryan Madder, MD
Moderator: Gary Mintz, MD
Panel: Pedro Moreno, MD
Panel: Peter Stone, MD
Panel: Robert Wilensky, MD, FSCAI

Vulnerable Plaque Clinical Trials Update
2:38 p.m. – 3:37 p.m.

Session Moderators & Panelists: Pedro Moreno, MD; Peter Stone, MD

2:38 PM

Effects of High-dose Rosuvastatin in Non-intervened Vessels of a Real Practice Population: IBIS 3 Final Results
Presenter: Hector Garcia-Garcia, MD, PhD

2:46 PM

Near-infrared Spectroscopy: Lipid-rich Plaque Study Update
Presenter: Ron Waksman, MD, FSCAI

2:54 PM

Diagnosis NIRS and Treatment BVS of Vulnerable Plaque: PROSPECT II
Presenter: Gregg Stone, MD, FSCAI

3:02 PM

Effects of High Dose Rosuvastatin in Non-Intervened Vessels of Patients Suffering from STEMI: IBIS 4, IVUS, and VH Results
Presenter: Hector Garcia-Garcia, MD, PhD

3:10 PM

Genomics and CV Risk
Presenter: Michael Davidson, MD

3:19 PM

Prediction of Cardiovascular Events in Vulnerable Patients Following Acute Coronary Syndrome
Presenter: Amir Lerman, MD

3:27 PM

Panel Discussion: What Should Be the Next Vulnerable Plaque Study Design?
Moderator: Hector Garcia-Garcia, MD, PhD
Moderator: Robert Wilensky, MD, FSCAI
Panel: H. Bryan Brewer, MD
Panel: Amir Lerman, MD
Panel: Gary Mintz, MD
Panel: James Muller, MD
Panel: Gregg Stone, MD, FSCAI
Panel: Peter Stone, MD
Panel: Ron Waksman, MD, FSCAI
Atherosclerosis & Lipid Management
3:37 p.m. – 5:30 p.m.

Session Moderators & Panelists: H. Bryan Brewer, MD; Michael Davidson, MD; Allen Taylor, MD

3:37 PM
Novel Therapies for Dyslipidemia
Presenter: Michael Davidson, MD

3:47 PM
Should We Target Triglycerides in Patients with Chronic Ischemic Heart Disease?
Presenter: Allen Taylor, MD

3:57 PM
Lipoprotein(a): Genes, Biological Role, Predictive Value and Drug Interventions
Presenter: Evan Stein, MD, PhD

4:07 PM
Update on HDL Infusions and Atherosclerosis Regression in the ACS Patient
Presenter: H. Bryan Brewer, MD

4:17 PM
What is the Role of Ezetimibe After IMPROV-IT?
Presenter: Steven Nissen, MD

4:27 PM
Prospects for CV Risk Factor Reduction with PCSK9 and CEPT Inhibitor Therapies
Presenter: A. Michael Lincoff, MD

4:37 PM
Are the PCSK9 Inhibitors the Panacea of Atherosclerosis Treatment: Effects on Lipid Lowering and Beyond
Presenter: Evan Stein, MD, PhD

4:47 PM
LDL Reduction by PCSK9 Inhibition
Presenter: Steven Nissen, MD

4:57 PM
Novel Therapies for Dyslipidemia and Interventional Lipidology
Presenter: Steven Nissen, MD

5:07 PM
Update on Clinical Trials with Novel CETP Inhibitors to Raise HDL: Where Are We Today?
Presenter: H. Bryan Brewer, MD

5:17 PM
Panel Discussion: What Will Be the Next Big Therapeutic Agent for the Treatment of Dyslipidemia?
Moderator: H. Bryan Brewer, MD
Moderator: Allen Taylor, MD
Panel: Robert Wilensky, MD, FSCAI
Panel: Evan Stein, MD, PhD
BEST ABSTRACTS - BREAKFAST SYMPOSIUM
Sunday, February 21, 2016
6:30 a.m. – 7:30 a.m.
Room: Empire
Track: Special Symposium

Session Course Directors: Giovanna Sarno

6:30 AM
Real-world Clinical Experience with An Everolimus-eluting Platinum Chromium Stent with an Abluminal Biodegradable Polymer: A Report From The Swedish Coronary
Presenter: Giovanna Sarno

6:45 AM
Duration of DAPT Following Drug-eluting Stent Implantation in Diabetic and Non-Diabetic Patients: A Systematic Review and Meta-analysis of Randomized Controlled Trials
Presenter: Abhishek Sharma, MD

7:00 AM
Gender Disparities in ST-Elevation Myocardial Infarction Care and Outcomes in Emerging Countries: A Global Lumen Organization for Women Initiative and Call to Action
Presenter: Ido Haimi, MD

7:15 AM
Long-term Use of Dual Antiplatelets for the Secondary Prevention of Atherothrombotic Events: Meta-analysis of Randomized Controlled Trials
Presenter: Zaher Fanari, MD

7:30 AM
Adjourn

BREAKFAST SYMPOSIUM: INTERESTING CASES
Sunday, February 21, 2016
6:30 a.m. – 7:30 a.m.
Room: Diplomat
Track: Coronary
Session Course Directors: Salman Arain, MD, FACC

6:30 AM
Percutaneous ECMO-supported Revascularization Following Acute Cabrol Shunt Occlusion Complicated By Refractory VF
Presenter: Salman Arain, MD, FACC

6:45 AM
Accidental Retrieval of a Drug-eluting Stent in Radial Artery after Deployment
Presenter: Aymen Noamen, MD

7:00 AM
A Case with Multiple Lessons
Presenter: Kintur Sanghvi, MD FSCAI

7:15 AM
Guiding Into a Dissection
Presenter: Alexander Truesdell, MD

7:30 AM
Adjourn

BRS TECHNOLOGIES
Sunday, February 21, 2016
6:45 a.m. – 5:05 p.m.
Room: Congressional AB
Track: Technology & Innovation

Session Course Directors: Michael Joner, MD

Showcases of BRS: Breakfast Session
6:45 a.m. – 8:00 a.m.

Session Moderators & Panelists: Habib Samady, MD, FSCAI; Daniel Chamie, MD; Ricardo Costa, PhD; Jacques Koolen, MD, PhD, FSCAI; Azeem Latib, MD; Corrado Tamburino, PhD, FSCAI

6:45 AM
Showcases of BRS
Moderator: Habib Samady, MD, FSCAI
Digital Moderator: Daniel Chamie, MD
Panel: Ricardo Costa, PhD
Panel: Jacques Koolen, MD, PhD, FSCAI
Panel: Azeem Latib, MD
Panel: Corrado Tamburino, PhD, FSCAI
6:45 AM
**Breakfast**

7:00 AM
**BRS Case I**
Presenter: Azeem Latib, MD

7:15 AM
**BRS Case II**
Presenter: Corrado Tamburino, PhD, FSCAI

7:30 AM
**BRS Case III**
Presenter: Ricardo Costa, PhD

7:45 AM
**BRS Case IV: Focus on OCT**
Presenter: Nieves Gonzalo, MD, PhD

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**BRS Technology: Basic Principles of the Technology**
8:00 a.m. – 9:20 a.m.

*Session Moderators & Panelists:*
Stephen Ellis, MD, FSCAI; Ron Waksman, MD, FSCAI; Renu Virmani, MD

8:00 AM
**What Are the Unmet Needs of DES that Can be Justified by Development of BRS?**
Presenter: Alan Yeung, MD, FSCAI

8:12 AM
**Core Differences Between Bioresorbable Polymers vs. Bioresorbable Metals**
Presenter: Ron Waksman, MD, FSCAI

8:20 AM
**Biomechanical Assessment of Bioresorbable Devices**
Presenter: Habib Samady, MD, FSCAI

8:28 AM
**Bioresorbable Scaffolds: New Standards and Models for Preclinical Evaluation**
Presenter: Renu Virmani, MD

8:36 AM
**Vascular Restoration: A Theoretical Advantage Between Bioabsorbable Scaffolds**
Presenter: Ian Meredith AM, MBBS, BsC, PhD, FSCAI

8:44 AM
**Latest Concepts in Focal Vulnerable Plaque Stabilization: Scaffold Treatment**
Presenter: Yoshinobu Onuma, MD, PhD
8:54 AM

Panel Discussion: Why BRS is a Transformational Technology
Moderator: Stephen Ellis, MD, FSCAI
Panel: Michael Joner, MD
Panel: Jacques Koolen, MD, PhD, FSCAI
Panel: Ian Meredith AM, MBBS, BsC, PhD, FSCAI
Panel: Habib Samady, MD, FSCAI
Panel: Renu Virmani, MD
Panel: Ron Waksman, MD, FSCAI

Showcases of BRS: Challenging Cases and Complications of BRS
9:20 a.m. – 9:40 a.m.

Session Moderators & Panelists: David Rizik, MD, FSCAI; Azeem Latib, MD; Daniel Chamie, MD; Ricardo Costa, PhD; Jacques Koolen, MD, PhD, FSCAI; Corrado Tamburino, PhD, FSCAI

9:20 AM
BRS Case V
Presenter: Michael Haude, MD, PhD

9:30 AM
BRS Case VI
Presenter: Ricardo Costa, PhD

Challenges with BRS Technology
9:40 a.m. – 10:45 a.m.

Session Moderators & Panelists: David Rizik, MD, FSCAI; Nick West, MD; Stefan Verheyen, MD, PhD

9:40 AM
Scaffold Thrombosis, Incidence and Mechanism
Presenter: Corrado Tamburino, PhD, FSCAI

9:50 AM
Vessel Preparation to Facilitate Deliverability and Scaffold Expansion
Presenter: Nick West, MD

10:00 AM
Bifurcation Lesions – Optimal Technique
Presenter: Azeem Latib, MD

10:10 AM
Imaging IVUS/QCA/OCT: Is It Necessary?
Presenter: Yoshinobu Onuma, MD, PhD

10:20 AM
Panel Discussion: Who Would Be A Good Candidate for BRS Technology?
Moderator: David Rizik, MD, FSCAI
Digital Moderator: Stefan Verheye, MD, PhD
Panel: Michael Haude, MD, PhD
Panel: Azeem Latib, MD
Panel: Yoshinobu Onuma, MD, PhD
Panel: Corrado Tamburino, PhD, FSCAI

10:30 AM
Break

Parade of Second Generation BRS Systems Technology Update: Part I
10:45 a.m. – 11:30 a.m.

Session Moderators & Panelists: Ricardo Costa, PhD; Jacques Koolen, MD, PhD, FSCAI; Nick West, MD

10:45 AM
ABSORB
Presenter: Yoshinobu Onuma, MD, PhD

10:52 AM
DREAMS
Presenter: Jacques Koolen, MD, PhD, FSCAI

10:59 AM
REVA Fantom
Presenter: Ricardo Costa, PhD

11:06 AM
The ELIXIR Dissolve Program
Presenter: Stefan Verheye, MD, PhD

11:13 AM
Manli Mirage BRS
Presenter: Yoshinobu Onuma, MD, PhD

11:20 AM
FAST BRS BSC Program
Presenter: Ian Meredith AM, MBBS, BsC, PhD, FSCAI

Showcases of BRS: Part II - Expanding Indications
11:30 a.m. – 12:20 p.m.

Session Moderators & Panelists: Stephen Ellis, MD, FSCAI; Corrado Tamburino, PhD, FSCAI; Ricardo Costa, PhD; Michael Haude, MD, PhD; Jacques Koolen, MD, PhD, FSCAI; Stefan Verheye, MD, PhD
11:30 AM
**Case VII: BRS in STEMI**
Presenter: Alan Yeung, MD, FSCAI

11:40 AM
**Case VIII: BRS in ISR**
Presenter: Ricardo Costa, PhD

11:50 AM
**Case IX: Very Late Thrombosis with BRS**
Presenter: Shigeru Saito, MD, FACC, FSCAI

12:00 PM
**Case X: BRS in Bifurcation/Left Main**
Presenter: Daniel Chamie, MD

12:10 PM
**Case XI: BRS in CTO**
Presenter: Azeem Latib, MD

ABSORB In-Depth (Supported through an educational grant from Abbott)
12:20 p.m. – 1:40 p.m.

**Session Moderators & Panelists:** Dean Kereiakes, MD, FACC, FSCAI; Ron Waksman, MD, FSCAI

12:20 PM
**Power Break**
12:30 PM
**ABSORB III Results In-depth**
Presenter: Dean Kereiakes, MD, FACC, FSCAI

12:45 PM
**Bioresorbable Scaffolds in STEMI: Rationale and 1-Year TROFI II Results**
Presenter: Alan Yeung, MD, FSCAI

1:05 PM
**Panel Discussion and Q & A with the Audience: How the Latest Data Will Impact Adoption**
Moderator: Dean Kereiakes, MD, FACC, FSCAI
Moderator: Ron Waksman, MD, FSCAI
Panel: Stephen Ellis, MD, FSCAI

1:20 PM
**Break**
Parade of Second Generation BRS Systems Technology Update: Part II
1:40 p.m. – 2:22 p.m.

Session Moderators & Panelists: Yoshinobu Onuma, MD, PhD; Jacques Koolen, MD, PhD, FSCAI

1:40 PM
Amaranth
Presenter: Juan Granada, MD

1:47 PM
New Magnesium Alloy Program
Presenter: Ron Waksman, MD, FSCAI

1:54 PM
FORTITUDE: Device Development and Clinical Outcome
Presenter: Juan Granada, MD

2:01 PM
MeRes PLLA-based BRS Technology
Presenter: Martin Leon, MD, FSCAI

2:08 PM
ART – DIVA Results from First-In-Man and Program Development
Presenter: Antoine Lafont, MD, PhD

2:15 PM
New Generation BRS: Will They Overcome Current Limitations of BRS Technology?
Presenter: Michael Haude, MD, PhD

BRS Show Me the Data: Insights Into the ABSORB Trials
2:22 p.m. – 5:05 p.m.

Session Moderators & Panelists: Stephen Ellis, MD, FSCAI; Dean Kereiakes, MD, FACC, FSCAI; David Rizik, MD, FSCAI

2:22 PM
ABSORB III: Pivotal Trial Main Results
Presenter: Gregg Stone, MD, FSCAI

2:29 PM
ABSORB III: Trial Sub-group Analysis – Diabetes, Small Vessels, and More
Presenter: Dean Kereiakes, MD, FACC, FSCAI

2:43 PM
ABSORB Japan and ABSORB China
Presenter: Shigeru Saito, MD, FACC, FSCAI

2:51 PM
Latest European Randomized Trial Data: TROFI-2, EVERBRI0, and More
What Did We Learn from the Meta-analysis of ABSORB Studies?
Presenter: Robert Byrne, MB BCh, PhD

Panel Discussion: Do ABSORB Data Support Approval in the US? Revisiting the FDA Advisory Panel
Moderator: Stephen Ellis, MD, FSCAI
Moderator: Ron Waksman, MD, FSCAI
Panel: Ted Bass, MD, MScAI
Panel: David Cohen, MD, FSCAI
Panel: Dean Kereiakes, MD, FACC, FSCAI
Panel: Martin Leon, MD, FSCAI
Panel: David Rizik, MD, FSCAI
Panel: Gregg Stone, MD, FSCAI

Break and Visit the Exhibit Hall

DESSolve Series of Studies
Presenter: Stefan Verheyen, MD, PhD

The REVA Tyrosine-Derived Polycarbonate Bioabsorbable Scaffold: Program Update and Lessons Learned
Presenter: Ricardo Costa, PhD

Update on the BIOSOLVE II Clinical Trial Using DREAMS Absorbable Magnesium Scaffold
Presenter: Michael Haude, MD, PhD

Real World Usage of BVS in Europe
Presenter: Corrado Tamburino, PhD, FSCAI

How to Use the BVS Safely: Step-by-step Guidance
Presenter: Corrado Tamburino, PhD, FSCAI

Regulatory Requirements for BRS Technology in the US
Presenter: Andrew Farb, MD

PRO: I Am Already Doing it
Presenter: Alan Yeung, MD, FSCAI

Debate: Is it Time to Move from Metallic Permanent Stents to BRS Technology?
Moderator: Stephen Ellis, MD, FSCAI
Moderator: Ron Waksman, MD, FSCAI
4:37 PM
CON: Not So Fast
Presenter: Ted Bass, MD, MSCAI

4:43 PM
Panel Discussion: Will BRS Technology Replace Permanent DES?
Moderator: Gregg Stone, MD, FSCAI
Panel: Ricardo Costa, PhD
Panel: Stephen Ellis, MD, FSCAI
Panel: Hector Garcia-Garcia, MD, PhD
Panel: Azeem Latib, MD
Panel: Corrado Tamburino, PhD, FSCAI
Panel: Stefan Verheyne, MD, PhD
Panel: Renu Virmani, MD
Panel: Ron Waksman, MD, FSCAI

5:05 PM
Adjourn

CARDIOTUBE INTERVIEWS
Sunday, February 21, 2016
9:00 a.m. – 5:15 p.m.
Room: BirdCage
Track:

Session Course Directors: Daniel Steinberg, MD, FSCAI; Corrado Tamburino, PhD, FSCAI

CRT VALVE - EMBOLIC PROTECTION DEVICES
Sunday, February 21, 2016
3:50 p.m. – 5:10 p.m.
Room: Blue Room
Track: Valve & Structural

Session Course Directors: Paul Corso, MD; Ted Feldman, MD, MSCAI; Augusto Pichard, MD, FSCAI; Michael Reardon, MD; Ron Waksman, MD, FSCAI

Cerebral Embolic Protection Devices
3:50 p.m. – 5:10 p.m.
**Session Moderators & Panelists:** Susheel Kodali, MD, FSCAI; Eberhard Grube, MD, FSCAI; Samir Kapadia, MD, FSCAI; Matthew Brennan

3:50 PM  
**Neurocognition and Valve Disease: Incidence and Implications**  
Presenter: Ronald Lazar, PhD, FAHA

4:00 PM  
**Protection Devices for Stroke Prevention: Does the Data Support Routine Use?**  
Presenter: Eberhard Grube, MD, FSCAI

4:10 PM  
**Update on SENTINEL Trial Technology and Clinical Outcome**  
Presenter: Susheel Kodali, MD, FSCAI

4:20 PM  
**Technology Overview and Perspectives from the DEFLECT III Randomized Trial**  
Presenter: Alexandra Lansky, MD, FSCAI

4:30 PM  
**What Are the Options for Intervention of a Patient Who Has a Stroke after TAVR**  
Presenter: Adnan Siddiqui, MD, PhD

4:40 PM  
**Magnitude of Stroke Post-TAVR: Do We Need Cerebral Embolic Protection Devices?**  
Presenter: Michael Mack, MD

4:50 PM  
**What Diffusion-weighted MRI Tells Us Overtime and How It Correlates to Clinical Events**  
Presenter: Matthew Brennan

5:00 PM  
**Panel Discussion: Who Should be a Candidate for Cerebral Embolic Protection Devices**  
Moderator: Samir Kapadia, MD, FSCAI  
Digital Moderator: Susheel Kodali, MD, FSCAI  
Panel: Eberhard Grube, MD, FSCAI  
Panel: Alexandra Lansky, MD, FSCAI  
Panel: Axel Linke, MD  
Panel: Martin Leon, MD, FSCAI  
Panel: Michael Mack, MD  
Panel: Augusto Pichard, MD, FSCAI

5:10 PM  
**Adjourn**

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**CRT VALVE - MITRAL**  
**Sunday, February 21, 2016**  
6:30 a.m. – 2:30 p.m.
**Room:** Blue Room  
**Track:** Valve & Structural

**Session Course Directors:** Paul Corso, MD; Ted Feldman, MD, MSCAI; Augusto Pichard, MD, FSCAI; Michael Reardon, MD; Ron Waksman, MD, FSCAI

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**CRT Valve & Structural Heart for the Surgeon: Breakfast I**  
6:30 a.m. – 8:00 a.m.

**Session Moderators & Panelists:** Steven Bolling, MD; Ted Feldman, MD, MSCAI; Niv Ad, MD

6:30 AM  
**Breakfast**

6:50 AM  
**Surgical Valve Repair: What is the Gold Standard?**  
Presenter: Donald Glower, MD

7:00 AM  
**Tricuspid Repair Indications and Techniques**  
Presenter: Steven Bolling, MD

7:10 AM  
**How I Treat Functional Mitral Regurgitation (MR) - The Surgeon’s Perspective**  
Presenter: Thierry Mesana, MD, PhD

7:20 AM  
**The Pathoanatomy of Functional MR as it Relates to Transcatheter Therapy**  
Presenter: Ted Feldman, MD, MSCAI

7:30 AM  
**Current Status of Transcatheter Mitral Valve/Ring Replacement/Repair**  
Presenter: Carlos Ruiz, MD, PhD, MSCAI

7:40 AM  
**Panel Discussion: Percutaneous Mitral Valve Repair vs. Replacement: What Will Be the Dominant Procedure?**  
Moderator: Steven Bolling, MD  
Moderator: Ted Feldman, MD, MSCAI  
Digital Moderator: Niv Ad, MD  
Panel: Thierry Mesana, MD, PhD  
Panel: Carlos Ruiz, MD, PhD, MSCAI  
Panel: Alec Vahanian, MD

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**Mitral Valve Basic**  
8:00 a.m. – 10:00 a.m.
Session Moderators & Panelists: Steven Goldstein, MD; Alec Vahanian, MD; Steven Bolling, MD

8:00 AM
The Spectrum of Mitral Valve Pathologies: Relevance for Surgical and Structural Interventions
Presenter: Renu Virmani, MD

8:10 AM
What is the ECHO Gold Standard to Measure Mitral Regurgitation?
Presenter: Steven Goldstein, MD

8:20 AM
Imaging the Mitral Valve with CT
Presenter: Phil Blanke, MD

8:30 AM
Degenerative MR: The Surgical Landscape Volumes, Techniques, Early and Late Outcomes
Presenter: Lars Svensson, MD, PhD

8:40 AM
Current and New Surgical Aspects for Mitral Leaflet and Chordal Repair
Presenter: Thierry Mesana, MD, PhD

8:50 AM
Functional Mitral Regurgitation: When to Repair – The Interventional Cardiologist’s Perspective
Presenter: Ted Feldman, MD, MSCAI

9:00 AM
Percutaneous Mitral Repair in High-risk Surgical Patients
Presenter: Steven Bolling, MD

9:10 AM
Acute and Late Results after Surgical Repair and Replacement of Degenerative MR
Presenter: Thierry Mesana, MD, PhD

9:20 AM
Degenerative MR – The Surgical Landscape: Volumes, Techniques, and Early and Late Outcomes
Presenter: Donald Glower, MD

9:30 AM
Mitral Valve Disease Indications to Intervene Surgically or Percutaneously
Presenter: Robert Bonow, MD, MS

9:37 AM
HRT Mitral Valve Repair
Presenter: Valavanur Subramanian, MD

9:43 AM
Panel Discussion: Who Are the Inoperable Patients with DMR and FMR?
Moderator: Robert Bonow, MD, MS
Moderator: Lars Svensson, MD, PhD
Percutaneous Mitral Valve Technologies  
10:00 a.m. – 11:02 a.m.

Session Moderators & Panelists: Maurice Buchbinder, MD, FSCAI; Donald Glower, MD; Samir Kapadia, MD, FSCAI

10:00 AM  
Percutaneous Approach to Mitral Valve Repair: Edge-to-Edge Mitral Leaflet Repair with Mitral Clip Technique Overview  
Presenter: James Hermiller, MD, FACC, FSCAI

10:09 AM  
Mitral Cerclage Annuloplasty Update  
Presenter: Robert Lederman, MD

10:18 AM  
Dynamic Mitral Valve Ring Annuloplasty Concepts  
Presenter: Maurice Buchbinder, MD, FSCAI

10:27 AM  
Coronary Sinoplasty with the Carillon Device: REDUCE FMR and CLINCH Trials  
Presenter: Steven Goldberg, MD, FSCAI

10:36 AM  
Transcatheter Annuloplasty Ring: Cardioband Technology and Clinical Data Update  
Presenter: Alec Vahanian, MD

10:45 AM  
FIM Results of MitraSpan TASRA Transcatheter Mitral Repair  
Presenter: Howard Herrmann, MD, FACC, MSCAI

10:53 AM  
Panel Discussion: Percutaneous Valve Repair – Is There a Winner?  
Moderator: Donald Glower, MD  
Digital Moderator: Samir Kapadia, MD, FSCAI  
Panel: Yuval Binur  
Panel: Maurice Buchbinder, MD, FSCAI  
Panel: Steven Goldberg, MD, FSCAI  
Panel: Howard Herrmann, MD, FACC, MSCAI  
Panel: Robert Lederman, MD  
Panel: Carlos Ruiz, MD, PhD, MSCAI  
Panel: Gregg Stone, MD, FSCAI  
Panel: Alec Vahanian, MD
Percutaneous Mitral Valve Replacement Technology Update
11:02 a.m. – 12:20 p.m.

Session Moderators & Panelists: Vinayak Bapat, FRCS(CTh); Michael Mack, MD; Horst Sievert, MD, FSCAI

11:02 AM
Implantation of Balloon-expandable Transcatheter Heart Valves in Native Mitral Valves with Severe Mitral Annular Calcification
Presenter: Mayra Guerrero, MD, FACC, FSCAI

11:09 AM
Direct Flow Solutions for Mitral Valve Replacement
Presenter: Azeem Latib, MD

11:15 AM
FORTIS: Design, Clinical Results, and Next Steps
Presenter: Vinayak Bapat, FRCS(CTh)

11:22 AM
TIARA, Design, Clinical Results, and Next Steps
Presenter: Martin Leon, MD, FSCAI

11:29 AM
CardiAQ Design, Clinical Results, and US Next Steps
Presenter: Howard Herrmann, MD, FACC, MSCAI

11:36 AM
Tendyne: Technology and Clinical Results Update
Presenter: Paul Sorajjia, MD, FSCAI

11:43 AM
Twelve: Technology and Clinical Results Update
Presenter: Ian Meredith AM, MBBS, BsC, PhD, FSCAI

11:50 AM
M-valve Update
Presenter: Maurice Buchbinder, MD, FSCAI

11:57 AM
Cephea: Novel Design Features and Clinical Updates
Presenter: Juan Granada, MD

12:07 PM
Valve-in-Ring or Bioprosthetic Mitral Valve?
Presenter: Vinayak Bapat, FRCS(CTh)

12:14 PM
Panel Discussion: What Is the Best Management of MR-Percutaneous Valve Repair or Replacement?
Moderator: Vinayak Bapat, FRCS(CTh)
Moderator: Samir Kapadia, MD, FSCAI
Moderator: Michael Mack, MD
Digital Moderator: Horst Sievert, MD, FSCAI
The Essentials on Mitral Clip: Treating Mitral Regurgitation, Addressing Patient Selection and Therapy in Complex Valvular Heart Disease (Supported through an educational grant from Abbott)
12:20 p.m. – 1:30 p.m.

Session Moderators & Panelists: Ted Feldman, MD, MSCAI; James Hermiller, MD, FACC, FSCAI

12:20 PM  
Power Break  
12:30 PM  
Mitral Clip For Functional MR: Pitfalls and Pearls  
Presenter: Scott Lim, MD

12:40 PM  
High-risk DMR MitralClip in US Practice  
Presenter: William Gray, MD, FSCAI

12:50 PM  
Impact of Cardiac Imaging in Mitral Clip for Patients with Functional Mitral Regurgitation  
Presenter: Thierry Mesana, MD, PhD

1:00 PM  
Mitral Clip for Secondary MR: COAPT Update  
Presenter: Ted Feldman, MD, MSCAI

1:10 PM  
Is Percutaneous Mitral Repair Effective for the Treatment of Heart Failure?  
Presenter: Alec Vahanian, MD

1:20 PM  
Break

Mitral Valve-in-Valve and Paravalvular Leak  
1:20 p.m. – 2:30 p.m.

Session Moderators & Panelists: Augusto Pichard, MD, FSCAI; Lars Svensson, MD, PhD; John Lasala, MD, PhD, FSCAI

1:30 PM  
Mitral Valve-in-Ring  
Presenter: Vinayak Bapat, FRCS(CTh)
1:40 PM
**Mitral Valve-in-Valve Lessons from the VIVID Registry**
Presenter: Danny Dvir, MD

1:50 PM
**Transcatheter Approaches to Prosthetic Mitral Valve Failure and Paravalvular Leaks: Tips and Tricks**
Presenter: Carlos Ruiz, MD, PhD, MSCAI

2:00 PM
**Impact of Pulmonary Hypertension, RV Dysfunction and/or Severe Tricuspid Regurgitation on Mitral Valve Therapies**
Presenter: Emin Murat Tuzcu, MD, FSCAI

2:10 PM
**Taped Case Mitral Valve Replacement**
Presenter: Danny Dvir, MD

2:30 PM
Adjourn

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**CRT VALVE - TRICUSPID**
**Sunday, February 21, 2016**
**2:30 p.m. – 3:50 p.m.**
**Room:** Blue Room
**Track:** Valve & Structural

**Session Course Directors:** Paul Corso, MD; Ted Feldman, MD, MSCAI; Augusto Pichard, MD, FSCAI; Michael Reardon, MD; Ron Waksman, MD, FSCAI

**Tricuspid Valve New Frontiers**
**2:30 p.m. – 3:50 p.m.**

**Session Moderators & Panelists:** Rebecca Hahn, MD; Samir Kapadia, MD, FSCAI; Christian Shults, MD; Lars Svensson, MD, PhD; Augusto Pichard, MD, FSCAI

2:30 PM
**Transcatheter Tricuspid Valve Repair: Available Techniques and Patient Selection Criteria**
Presenter: Alec Vahanian, MD

2:40 PM
**Indications for and Outcomes of Surgical Management of Tricuspid Valve Disease**
Presenter: Steven Bolling, MD

2:50 PM
Echo Assessment of the Tricuspid Valve
Presenter: Steven Goldstein, MD
3:00 PM

Edwards Transcatheter Approach to Tricuspid Regurgitation
Presenter: Josep Rodes-Cabau, MD
3:10 PM

Percutaneous Tricuspid Treatment Options
Presenter: Hans Figulla, MD, PhD
3:20 PM

Mitralign Percutaneous Annuloplasty for Tricuspid Regurgitation
Presenter: Rebecca Hahn, MD
3:30 PM

Tricuspid Valve-in-Valve Implantation
Presenter: Danny Dvir, MD
3:40 PM

Panel Discussion: How Should We Proceed with Tricuspid Valve Interventions?
Moderator: Eberhard Grube, MD, FSCAI
Digital Moderator: Samir Kapadia, MD, FSCAI
Panel: Steven Bolling, MD
Panel: Danny Dvir, MD
Panel: Hans Figulla, MD, PhD
Panel: Rebecca Hahn, MD
Panel: Robert Schwartz, MD, FSCAI
Panel: Alec Vahanian, MD
Panel: Zuyue Wang, MD

CTO ACADEMY
Sunday, February 21, 2016
8:00 a.m. – 4:40 p.m.
Room: Empire
Track: Coronary

Session Course Directors: William Lombardi, MD, FSCAI; Carlo Di Mario, MD

Module I: Introduction to CTO
8:00 a.m. – 8:55 a.m.
Session Moderators & Panelists: William Lombardi, MD, FSCAI; Carlo Di Mario, MD; Seung-Woon Rha, MD, PhD, FSCAI
8:00 AM
The Rationale for CTO PCI: The Latest on Symptom Relief and Survival From Registries and Meta-analyses
Presenter: Carlo Di Mario, MD

8:10 AM
Setting Up for Success: Program Requirements and Lessons Learned to Build a CTO Program
Presenter: David Kandzari, MD, FSCAI

8:20 AM
Setting up For Success: CTO Tool Box - Inventory Needs for CTO PCI
Presenter: Dimitri Karmpaliotis, MD, PhD, FSCAI

8:30 AM
Radiation Management in Complex Procedures
Presenter: Gerald Werner, MD, PhD, FSCAI

8:40 AM
Case Presentation I: What is a Good CTO Program to Start With?
Presenter: Robert Gallino, MD
Panel: William Lombardi, MD, FSCAI
Panel: Dimitri Karmpaliotis, MD, PhD, FSCAI
Panel: James Grantham, MD, FSCAI
Panel: Tarek Helmy, MD, FSCAI
Panel: Seung-Woon Rha, MD, PhD, FSCAI

Module II: Antegrade Approach
8:55 a.m. – 10:15 a.m.
Session Moderators & Panelists: William Lombardi, MD, FSCAI; Carlo Di Mario, MD; Barry Rutherford, MD; Seung-Woon Rha, MD, PhD, FSCAI

8:55 AM
Evaluation of the Angiogram: Hybrid CTO PCI
Presenter: Barry Rutherford, MD

9:10 AM
Antegrade Wire Technique: Wire Strategy and How to Know You Are in the Lumen
Presenter: Ashish Pershad, MD, FACC, FSCAI

9:25 AM
Antegrade Dissection and Re-entry: Fundamentals of this Technique
Presenter: Dimitri Karmpaliotis, MD, PhD, FSCAI

9:35 AM
Antegrade Dissection and Re-entry: High-end Tips and Tricks
Presenter: William Lombardi, MD, FSCAI

9:45 AM
Module III: Retrograde Approach
10:15 a.m. – 12:15 p.m.

Session Moderators & Panelists: James Grantham, MD, FSCAI; Barry Rutherford, MD; Masahisa Yamane, MD; Stephen Ellis, MD, FSCAI

10:15 AM
Retrograde Basics: How to Pick a Collateral and Which Wire to Cross With
Presenter: Masahisa Yamane, MD

10:30 AM
Retrograde Basics: Nine Steps to a Successful Retrograde Case
Presenter: Carlo Di Mario, MD

10:45 AM
Retrograde Dissection and Re-entry: How to Make the Tough Connection
Presenter: Dimitri Karmpaliotis, MD, PhD, FSCAI

11:00 AM
Retrograde PCI Complications
Presenter: James Grantham, MD, FSCAI

11:15 AM
Panel Discussion
Moderator: James Grantham, MD, FSCAI
Digital Moderator: Stephen Ellis, MD, FSCAI
Panel: Dimitri Karmpaliotis, MD, PhD, FSCAI
Panel: Masahisa Yamane, MD

11:30 AM
Case Presentation III: Retrograde CTO
Presenter: Ashish Pershad, MD, FACC, FSCAI
Panel: Dimitri Karmpaliotis, MD, PhD, FSCAI
Panel: Stephen Ellis, MD, FSCAI
Panel: Masahisa Yamane, MD
Panel: Robert Gallino, MD

11:45 AM
Bioabsorbable Scaffold for CTO Canalization
Module IV: Live Case
12:15 p.m. – 1:35 p.m.

**Session Moderators & Panelists:** William Lombardi, MD, FSCAI; Barry Rutherford, MD

12:15 PM

*Live Case from Belfast, Ireland - Royal Victoria Hospital (Working Lunch)*

Operator: Ganesh Manoharan, MBBCh, MD
Operator: Simon Walsh, MD, FRCP
Moderator: Carlo Di Mario, MD
Panel: Robert Gallino, MD
Panel: Dimitri Karmpaliotis, MD, PhD, FSCAI
Panel: Seung-Woon Rha, MD, PhD, FSCAI
Panel: Gerald Werner, MD, PhD, FSCAI
Panel: Masahisa Yamane, MD

Module V: CTO Economics
1:35 p.m. – 1:45 p.m.

**Session Moderators & Panelists:** John Hodgson, MD, FSCAI; Dimitri Karmpaliotis, MD, PhD, FSCAI

1:35 PM

*The Economics of CTO*

Presenter: David Cohen, MD, FSCAI

Module VI: Problem-solving
1:45 p.m. – 4:40 p.m.

**Session Moderators & Panelists:** Tarek Helmy, MD, FSCAI; Carlo Di Mario, MD; Dimitri Karmpaliotis, MD, PhD, FSCAI

1:45 PM

*IVUS-guided CTO*

Presenter: John Hodgson, MD, FSCAI

1:55 PM

*Problem-solving #1: What to do When the Wire is Across the Cap, but the Device Won’t Follow*

Presenter: Robert Gallino, MD

2:10 PM
Problem-solving #2: How to Manage the Impenetrable Proximal Cap
Presenter: Masahisa Yamane, MD

2:20 PM

Problem-solving #3: How to Get Out of a Side Branch for Antegrade Dissection and Re-entry
Presenter: William Lombardi, MD, FSCAI

2:30 PM

Review of Common and Uncommon CTO Complications
Presenter: Barry Rutherford, MD

2:40 PM

Problem-solving #4: How to Manage Hematoma Antegrade (STRAW to Cutting Balloon)
Presenter: William Lombardi, MD, FSCAI

2:50 PM

Problem-solving #5: How to Perform Antegrade Dissection and Re-entry if Guide Wire Won’t Re-enter or Can’t Deliver Balloon
Presenter: Masahisa Yamane, MD

3:00 PM

Problem-solving #6: What to do When the Micro-Catheter Won’t Cross the Collateral: Septal and Epicardial
Presenter: Masahisa Yamane, MD

3:10 PM

Problem-solving #7: How to Manage the Impenetrable Cap Retrograde
Presenter: Khaldoon Alaswad, MD, FSCAI

3:20 PM

Problem-solving #8: How to Manage a Case When You Can’t Externalize Retrograde
Presenter: Dimitri Karmpaliotis, MD, PhD, FSCAI

3:30 PM

Problem-solving #9: How to Manage Proximal Cap Ambiguity Without Going Retrograde
Presenter: Masahisa Yamane, MD

3:40 PM

Update on the Collagenase TOSCA-5 Trial
Presenter: Bradley Strauss, MD, PhD

3:50 PM

CTO Intervention via SVG Conduits
Presenter: Robert Gallino, MD

4:00 PM

CTO via Radial: Interesting Case
Presenter: Sa’ar Minha, MD

4:10 PM

Initial US Clinical Experience with Novel Anchoring Technology
Presenter: Charles Davidson, MD, FSCAI
Panel Discussion
Moderator: William Lombardi, MD, FSCAI
Panel: Charles Davidson, MD, FSCAI
Panel: Robert Gallino, MD
Panel: Dimitri Karmpaliotis, MD, PhD, FSCAI
Panel: Seung-Woon Rha, MD, PhD, FSCAI
Panel: Gerald Werner, MD, PhD, FSCAI
Panel: Masahisa Yamane, MD

Adjourn

CTO MEET THE EXPERTS
Sunday, February 21, 2016
4:45 p.m. – 5:45 p.m.
Room: Lobby Lounge
Track: Satellite Symposia

Session Course Directors: Dimitri Karmpaliotis, MD, PhD, FSCAI; James Grantham, MD, FSCAI; David Kandzari, MD, FSCAI; William Lombardi, MD, FSCAI

4:45 PM
RCA CTO PCI Using Bilateral Radial Approach
Presenter: Hesham Elzomor

4:55 PM
RCA CTO: A Successful Second Attempt
Presenter: Jyotsna Maddury, MD, DM

5:05 PM
PCI of CTO Performed Via Transradial Access
Presenter: Sa'ar Minha, MD

5:45 PM
Adjourn

DEFINING PRIORITIES FOR NEW TECHNOLOGY IN RADIAL INTERVENTION: A FACE-TO-FACE INDUSTRY-INTERVENTIONALIST DIALOGUE (SPECIAL DINNER SYMPOSIUM)
Sunday, February 21, 2016
6:30 p.m. – 9:30 p.m.
Room: Empire  
Track: Special Symposium

Session Course Directors: Ajay Kirtane, MD, SM; Mitchell Krucoff, MD, FSCAI; Sunil Rao, MD, FSCAI

6:30 PM  
Dinner  
7:00 PM  
Welcome  
Presenter: Mitchell Krucoff, MD, FSCAI

7:05 PM  
A View From Europe  
Presenter: Ferdinand Kiemeneij, MD, PhD

7:15 PM  
A View From Japan  
Presenter: Shigeru Saito, MD, FACC, FSCAI

7:25 PM  
A View From India  
Presenter: Tejas Patel, MD, FSCAI

Industry Sponsors Technology Parade: Business & Product Approaches to TRI  
7:35 p.m. – 8:45 p.m.

Session Moderators & Panelists:

7:35 PM  
Abbott  
7:45 PM  
ACIST Medical Systems  
Presenter: Blair Allen

7:55 PM  
Boston Scientific Corporation  
8:05 PM  
Cardiovascular Systems Inc.  
Presenter: Matt Cambronne

8:15 PM  
Corindus Vascular Robotics  
Presenter: Brett Prince

8:25 PM  
Medtronic
Faculty-Industry Roundtable: Unmet Needs in Transradial Technology
8:55 p.m. – 9:15 p.m.
Session Moderators & Panelists: Ian Gilchrist, MD, FSCAI; Ferdinand Kiemeneij, MD, PhD; Samir Pancholy, MD, FSCAI; Tejas Patel, MD, FSCAI; Shigeru Saito, MD, FACC, FSCAI

NURSES & TECHNOLOGISTS
Sunday, February 21, 2016
8:00 a.m. – 4:30 p.m.
Room: Regency
Track: Nurses & Technologists
Session Course Directors: Nancy Bruce, BSN MBA; Kenneth Gorski, BSN, RCIS; Dionne Ross, RN

Session I: Cath Lab of 2016 and Beyond
8:00 a.m. – 9:15 a.m.
Session Moderators & Panelists: Nancy Bruce, BSN MBA; Kenneth Gorski, BSN, RCIS; Dionne Ross, RN; Marsha Holton, CCRN, RCIS,FSICP
8:00 AM
Welcome and Introduction
Presenter: Kenneth Gorski, BSN, RCIS
8:05 AM
Balancing State of the Art Cardiovascular Care with Financial Challenges
Presenter: Michael Guiry, PA-C, MBA
8:15 AM
Cath Lab of the Future
Presenter: Hans Bonnier, MD, PhD, FSCAI
8:25 AM
Robotics in the Cath Lab
8:35 AM
**Data-driven Cost Savings Initiatives and Quality Outcomes**
Presenter: Joseph Cacchione, MD

8:45 AM
**Implementation of Appropriate Use Criteria in the Cath Lab**
Presenter: Ted Bass, MD, MSCAI

8:55 AM
**The New Educational Guidelines for Cath Lab Personnel**
Presenter: Jeff Davis, RRT, RCIS

9:05 AM
**Panel Discussion: How to Manage Cath Lab Challenges in 2016 and Beyond**
Moderator: Nancy Bruce, BSN MBA
Moderator: Kenneth Gorski, BSN, RCIS
Moderator: Dionne Ross, RN
Panel: Ted Bass, MD, MSCAI
Panel: Hans Bonnier, MD, PhD, FSICAI
Panel: Joseph Cacchione, MD
Panel: Jeff Davis, RRT, RCIS
Panel: Michael Guiry, PA-C, MBA
Panel: Mary Heisler, RN, BA
Panel: Marsha Holton, CCRN, RCIS,FSICP
Panel: Jennifer Reilly, RCIS
Panel: Brenda Russek, BSN
Panel: George Vetrovec, MD, MSCAI

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**Session II: STEMI**
9:15 a.m. – 10:30 a.m.

**Session Moderators & Panelists:** Kenneth Gorski, BSN, RCIS; Dionne Ross, RN; Robert Gallino, MD

9:15 AM
**Pharmacotherapy Update for STEMI: What is New?**
Presenter: Michael Gaglia, MD, MSc, FSCAI

9:25 AM
**D2B: ACC Definitions and What You Can Do To Meet the Guidelines**
Presenter: Eric Bates, MD, FSCAI

9:35 AM
**ECMO in the Cath Lab: Is it Feasible When Needed?**
Presenter: Michael Mooney, MD, FSCAI

9:45 AM
**Is There a Role for Aspiration in STEMI**
9:55 AM

**Transition of Care Post-ACS**
Presenter: Eva Kline-Rogers, MS, NP

10:05 AM

**Panel Discussion**
Moderator: Kenneth Gorski, BSN, RCIS
Moderator: Dionne Ross, RN
Panel: Eric Bates, MD, FSCAI
Panel: Robert Gallino, MD
Panel: Jane Kiah, MS, RN, NEA-BC
Panel: Eva Kline-Rogers, MS, NP
Panel: Michael Mooney, MD, FSCAI

10:15 AM

**Break**

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**Session III: Coronary PCI Contemporary Issues**
10:30 a.m. – 12:05 p.m.

**Session Moderators & Panelists:** Kenneth Gorski, BSN, RCIS; Brenda Russek, BSN; Nancy Bruce, BSN MBA

10:30 AM

**Advantages and Pitfalls of Physiologic Assessment**
Presenter: Morton Kern, MD, FSCAI

10:40 AM

**iFR or FFR: Is There a Winner?**
Presenter: Justin Davies, BSc, MBBS, PhD

10:50 AM

**OCT & Near-infrared Spectroscopy (NIRS) Imaging**
Presenter: Hector Garcia-Garcia, MD, PhD

11:00 AM

**Appropriate Stent Selection in the BVS Era**
Presenter: Ron Waksman, MD, FSCAI

11:10 AM

**The Potential of Drug-eluting and Drug-coated Balloons for PAD**
Presenter: Michael Jaff, DO, FSCAI

11:20 AM

**Back to Atheroablative Devices**
Presenter: Robert Gallino, MD

11:30 AM
Transradial: Not Just a New Access, but a Way to Redesign Cath Lab Work Flow  
Presenter: Ian Gilchrist, MD, FSCAI  
11:38 AM

Ultrasound-guided Access and Closure Devices Including the Femoral Vein  
Presenter: Nelson Bernardo, MD, FSCAI  
11:46 AM

Appropriate Use of the Impella for High-risk PCI  
Presenter: John Lasala, MD, PhD, FSCAI  
11:54 AM

PCI and the Jehova’s Witness  
Presenter: Kristine Owen, MD, FACC  
12:00 PM

Panel Discussion: How Can We Further Optimize Coronary PCI?  
Moderator: Nancy Bruce, BSN MBA  
Moderator: Kenneth Gorski, BSN, RCIS  
Moderator: Brenda Russek, BSN  
Panel: Eric Bates, MD, FSCAI  
Panel: Robert Gallino, MD  
Panel: Jane Kiah, MS, RN, NEA-BC  
Panel: Eva Kline-Rogers, MS, NP  
Panel: Michael Mooney, MD, FSCAI  
Panel: Dionne Ross, RN

ATTEND THE WOMEN & HEART LUNCH SYMPOSIUM  
12:05 p.m. – 2:10 p.m.

Session Moderators & Panelists:

12:05 PM  
Special Symposium at CRT 2016: 12:05 PM - 2:10 PM

Session IV: Structural Heart  
2:10 p.m. – 3:30 p.m.

Session Moderators & Panelists: Kenneth Gorski, BSN, RCIS; Julie Logan, BS, RN; Petros Okubagzi, MD; Regina Deible, RN, BSN

2:10 PM  
Left Atrial Appendage Closure Device  
Presenter: Maurice Buchbinder, MD, FSCAI

2:20 PM  
Device Selection for ASD/PFO – Closure in Adults
2:30 PM  
**Post-PVI: Managing Pulmonary Venous Stenosis**  
Presenter: Lourdes Prieto, MD, FACC, FSCAI

2:40 PM  
**Advances in Transcatheter Mitral Valve Repair and Replacement**  
Presenter: James Hermiller, MD, FACC, FSCAI

2:50 PM  
**TAVR 2016: Requirements for the Cath Lab**  
Presenter: Petros Okubagzi, MD

3:00 PM  
**Catheter-based Options for Treating Pulmonary Embolus**  
Presenter: Kenneth Rosenfield, MD, MScAI

3:10 PM  
**Tips & Tricks: How to Reduce TAVR Length of Stay**  
Presenter: Augusto Pichard, MD, FSCAI

3:20 PM  
**Panel Discussion: How to Build a Seamless Structural Heart Program in the Cath Lab**  
Moderator: Nancy Bruce, BSN MBA  
Moderator: Kenneth Gorski, BSN, RCIS  
Moderator: Dionne Ross, RN  
Moderator: Brenda Russek, BSN  
Digital Moderator: Regina Deible, RN, BSN  
Panel: John Gurley  
Panel: James Hermiller, MD, FACC, FSCAI  
Panel: Julie Logan, BS, RN  
Panel: Petros Okubagzi, MD  
Panel: Lourdes Prieto, MD, FACC, FSCAI

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**Session V: Accreditation, Education, and Quality**  
3:30 p.m. – 4:30 p.m.

*Session Moderators & Panelists:* Nancy Bruce, BSN MBA; Kenneth Gorski, BSN, RCIS; Marsha Holton, CCRN, RCIS, FSICP; William Bachinsky, MD, FSCAI

3:30 PM  
**Invasive Cardiovascular Laboratory Accreditation**  
Presenter: Mary Heisler, RN, BA

3:40 PM  
**Complications: Clinical Responsibility, Documentation, and Legal Considerations**  
Presenter: Clifford DeBruce, RN, LNC
3:50 PM  
**The Role of Allied Health in Meeting the Appropriate Use Criteria in the Cath Lab**  
Presenter: Thomas Maloney, MHA, RCIS

4:00 PM  
**Panel Discussion**  
Moderator: Nancy Bruce, BSN MBA  
Moderator: Kenneth Gorski, BSN, RCIS  
Moderator: Marsha Holton, CCRN, RCIS, FSICP  
Digital Moderator: William Bachinsky, MD, FSCAI  
Panel: Jeff Davis, RRT, RCIS  
Panel: Regina Deible, RN, BSN  
Panel: Mary Heisler, RN, BA  
Panel: Brenda Russek, BSN  
Panel: Jennifer Reilly, RCIS

4:15 PM  
**Closing Comments**  
Moderator: Kenneth Gorski, BSN, RCIS

4:30 PM  
**Adjourn and Nurse and Technologist Networking and Happy Hour**

**OPTIMIZATION OF ANTICOAGULATION FOR STEMI THERAPY - EVENING SYMPOSIUM**  
**Sunday, February 21, 2016**  
**7:00 p.m. – 9:05 p.m.**  
**Room:** Palladian  
**Track:** Satellite Symposia

**Session Course Directors:** Ron Waksman, MD, FSCAI; David Cohen, MD, FSCAI; David Cox, MD, FSCAI; Michael Gaglia, MD, MSc, FSCAI; C. Michael Gibson, MD; Paul Gurbel, MD, FSCAI; Neal Kleiman, MD, FSCAI; Roxana Mehran, MD, FACC, FSCAI; David Moliterno, MD, FSCAI; Sunil Rao, MD, FSCAI; Gary Schaefer, MD, FSCAI; Gregg Stone, MD, FSCAI

7:00 PM  
**Case Presentation**  
Presenter: Toby Rogers, MD

7:05 PM  
**Thrombin Inhibitors in Primary PCI: The Case for Heparin**  
Presenter: Neal Kleiman, MD, FSCAI

7:15 PM  
**Thrombin Inhibitors in Primary PCI: The Case for Bivalirudin**  
Presenter: Roxana Mehran, MD, FACC, FSCAI

7:25 PM
Panel Discussion and Q & A with the Audience: The Best Thrombin Inhibitor Strategy
Moderator: Ron Waksman, MD, FSCAI
Panel: David Cohen, MD, FSCAI
Panel: David Cox, MD, FSCAI
Panel: Michael Gaglia, MD, MSc, FSCAI
Panel: C. Michael Gibson, MD
Panel: Paul Gurbel, MD, FSCAI
Panel: Neal Kleiman, MD, FSCAI
Panel: Roxana Mehran, MD, FACC, FSCAI
Panel: Sunil Rao, MD, FSCAI
Panel: Gregg Stone, MD, FSCAI

7:35 PM
Case Presentation
Presenter: Smita Negi, MD, FSCAI

7:40 PM
Eliminating Preloading with an Oral P2Y12: Receptor Antagonist
Presenter: Gary Schaer, MD, FSCAI

7:50 PM
Antiplatelet Therapy for STEMI – Short vs. Long Duration: The Case for Ticagrelor
Presenter: David Cohen, MD, FSCAI

8:00 PM
Antiplatelet Therapy for STEMI: The Case for Cangrelor
Presenter: Gregg Stone, MD, FSCAI

8:10 PM
Duration of Antiplatelet Therapy Post-STEMI with Which Regimen?
Presenter: Sunil Rao, MD, FSCAI

8:18 PM
Long-term Anticoagulation: The Case for Vorapaxar
Presenter: David Moliterno, MD, FSCAI

8:25 PM
Panel Discussion: Best Choice for Antiplatelet Regimen for STEMI
Moderator: Ron Waksman, MD, FSCAI
Panel: David Cohen, MD, FSCAI
Panel: David Cox, MD, FSCAI
Panel: Michael Gaglia, MD, MSc, FSCAI
Panel: C. Michael Gibson, MD
Panel: Paul Gurbel, MD, FSCAI
Panel: Neal Kleiman, MD, FSCAI
Panel: Roxana Mehran, MD, FACC, FSCAI
Panel: Sunil Rao, MD, FSCAI
Panel: Jorge Saucedo, MD, FSCAI
Panel: Gary Schaer, MD, FSCAI

8:30 PM
Case Presentation
Presenter: Sarkis Kiramijyan, MD
PRIMER FOR ENDOVASCULAR INTERVENTIONS
Sunday, February 21, 2016
7:50 a.m. – 5:40 p.m.
Room: Palladian
Track: Endovascular

Session Course Directors: Nelson Bernardo, MD, FSCAI; D. Christopher Metzger, MD, FSCAI; Edward Woo, MD

Femoropopliteal Arterial Disease
7:50 a.m. – 9:35 a.m.

Session Moderators & Panelists: Nelson Bernardo, MD, FSCAI; Aravinda Nanjundappa, MD, FSCAI; Eric Dippel, MD

7:50 AM
Welcome & Introduction
Presenter: Nelson Bernardo, MD, FSCAI

7:55 AM
Case Presentation with Audience Q&A
8:05 AM
Techniques for Alternative Access in Endovascular Intervention
Presenter: Ehrin Armstrong, MD, FSCAI

8:15 AM
Can We Agree Upon a Hybrid Algorithm for SFA CTO?
Presenter: Sahil Parikh, MD, FSCAI

8:25 AM
Re-entry Devices - Which and How?
Presenter: D. Christopher Metzger, MD, FSCAI

8:35 AM
What is the Ideal Treatment Strategy for Femoropopliteal ISR: Laser, DCB, Covered Stent?
Presenter: Eric Dippel, MD

8:45 AM
Atherectomy Devices - Orbital & Mechanical Atherectomy with and without DCB
Presenter: Venkatesh Ramaiah, MD, FACS

8:55 AM
Atherectomy Devices - Excimer Laser & Directional Atherectomy
Presenter: Robert Gallino, MD

9:05 AM
Common Femoral Artery Stenosis - When is Endovascular Therapy Appropriate?
Presenter: Cameron Akbari, MD, MBA

9:15 AM
Popliteal Artery Aneurysm - Covered Stent or Surgery?
Presenter: Jeffrey Wang, MD

9:25 AM
Panel Discussion with Audience Q&A
Moderator: Nelson Bernardo, MD, FSCAI
Moderator: Aravinda Nanjundappa, MD, FSCAI
Digital Moderator: Eric Dippel, MD
Panel: Jeffrey Wang, MD
Panel: Cameron Akbari, MD, MBA
Panel: Venkatesh Ramaiah, MD, FACS
Panel: Robert Gallino, MD
Panel: D. Christopher Metzger, MD, FSCAI
Panel: Sahil Parikh, MD, FSCAI
Panel: Ehrin Armstrong, MD, FSCAI

Arterial Disease of the Aorta and its Branches
9:35 a.m. – 11:00 a.m.
Session Moderators & Panelists: Nelson Bernardo, MD, FSCAI; John Bacharach, MD; Robert Bersin, MD, MPH, FSCAI

9:35 AM  
Case of Complex Bilateral Subclavian Artery Occlusion  
Presenter: Khusrow Niazi, MD, FSCAI

9:45 AM  
Subclavian Artery Intervention  
Presenter: Hartaj Virk, MD

9:55 AM  
Morning Break  
10:10 AM  
Life after CORAL: The Indications for Renal Intervention  
Presenter: Michael Jaff, DO, FSCAI

10:20 AM  
Techniques for Renal Artery Stenting  
Presenter: Aravinda Nanjundappa, MD, FSCAI

10:30 AM  
Celiac Artery and Mesenteric Artery Intervention  
Presenter: John Bacharach, MD

10:40 AM  
Endovascular Intervention of Aortoiliac Bifurcation Disease  
Presenter: Vinay Kumar, MD, FACS

10:50 AM  
Iliac Artery CTO - Antegrade or Retrograde Approach  
Presenter: Robert Bersin, MD, MPH, FSCAI

Infrainguinal Arterial Disease  
11:00 a.m. – 12:00 p.m.

Session Moderators & Panelists: Nelson Bernardo, MD, FSCAI; John Bacharach, MD; Peter Soukas, MD, FSCAI

11:00 AM  
BTK Intervention - Techniques To Get Back into the True Lumen  
Presenter: Nelson Bernardo, MD, FSCAI

11:10 AM  
Crossing BTK CTO's - 'Alternative' Routes  
Presenter: John Fritz Angle, MD

11:20 AM  
Acute Ischemic Limb - Endovascular Approach
11:30 AM

**Acute Ischemic Limb - Surgical Management**
Presenter: Frederick Beavers, MD

11:45 AM

**Case Presentation with Audience Q&A and Panel Discussion**
Moderator: Nelson Bernardo, MD, FSCAI
Panel: John Fritz Angle, MD
Panel: John Bacharach, MD
Panel: Robert Bersin, MD, MPH, FSCAI
Panel: Frederick Beavers, MD
Panel: Marianne Brodmann, MD
Panel: Khusrow Niazi, MD, FSCAI
Panel: Hartaj Virk, MD

**ISR Management and Thrombosis in the Leg (Supported through an educational grant from Spectranetics)**
*12:00 p.m. – 1:10 p.m.*

**Session Moderators & Panelists:** Marianne Brodmann, MD; D. Christopher Metzger, MD, FSCAI; Khusrow Niazi, MD, FSCAI

12:00 PM

**Power Break**
12:20 PM

**Laser for the Treatment of ISR**
Presenter: Eric Dippel, MD

12:30 PM

**Conquering Restenosis - Use of DCB and other Future Therapies**
Presenter: Marianne Brodmann, MD

12:40 PM

**Thrombus Management with Laser Angioplasty**
Presenter: Giancarlo Biamino, MD, PhD

12:50 PM

**Complex SFA Intervention: Novel Strategies for Hard-to-Cross Lesion**
Presenter: Douglas Drachman, MD, FSCAI

1:00 PM

**Break**

**Things to Know About Complications**
*1:10 p.m. – 2:00 p.m.*
Session Moderators & Panelists: Nelson Bernardo, MD, FSCAI; Walter Tan, MD; Karun Sharma, MD

1:10 PM  
**Crossing Over the Aortoiliac Bifurcation - Step-by-Step**  
Presenter: Walter Tan, MD

1:20 PM  
**Crossing the 'Unfriendly' Aortoiliac Bifurcation**  
Presenter: Nelson Bernardo, MD, FSCAI

1:30 PM  
**IVC Filter Placement - Which & How?**  
Presenter: Karun Sharma, MD

1:50 PM  
**The Novel Use of Microcatheters to Perform Angiography and Provide Thrombolitics for Acute CLI**  
Presenter: Michael Wholey, MD, MBA, FSCAI

1:40 PM  
**IVC Filter - Retrieval**  
Presenter: Emil Cohen, MD

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Aortic Aneurysmal Disease  
2:00 p.m. – 3:10 p.m.

Session Moderators & Panelists: Nelson Bernardo, MD, FSCAI; Edward Woo, MD; D. Christopher Metzger, MD, FSCAI

2:00 PM  
**EVAR Planning - The Key to Success**  
Presenter: Tareq Massimi, MD, RPVI

2:10 PM  
**EVAR - Step-by-step Stent Graft Deployment**  
Presenter: Michael Stoner, MD

2:20 PM  
**Tips & Tricks for Percutaneous EVAR with Conscious Sedation**  
Presenter: D. Christopher Metzger, MD, FSCAI

2:30 PM  
**TEVAR - Dissections & Aneurysms**  
Presenter: Tareq Massimi, MD, RPVI

2:40 PM  
**Case Presentation with Audience Q&A/Panel Discussion**  
Moderator: Nelson Bernardo, MD, FSCAI  
Panel: Steve Abramowitz, MD  
Panel: Tareq Massimi, MD, RPVI
Panel: D. Christopher Metzger, MD, FSCAI
Panel: Michael Stoner, MD
Panel: Edward Woo, MD
Panel: Wei Zhou, MD

2:50 PM
**Break and Visit the Exhibit Hall**

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**Things to Know**

3:10 p.m. – 4:20 p.m.

**Session Moderators & Panelists:** Tyrone Collins, MD, FSCAI; Walter Tan, MD; Nelson Bernardo, MD, FSCAI

3:10 PM

*Catheter-based Treatment of Pulmonary Embolism*
Presenter: Jeffrey Wang, MD

3:20 PM

*Snaring - Techniques for Success*
Presenter: Tyrone Collins, MD, FSCAI

3:30 PM

*Embolization - Coils, Glues, Particles & Plugs*

3:40 PM

**CODE PE: Treating Acute Pulmonary Embolism Like a STEMI**
Presenter: David Shavelle, MD, FSCAI

3:50 PM

**Radial Access for Endovascular Interventions (Carotids, Subclavian, Iliacs)**
Presenter: Sasko Kedev, MD, PhD, FSCAI

4:00 PM

**Optional IVC Filters- Indications for Placement and Retrieval**
Presenter: Anthony Venbrux, MD

4:10 PM

**Radiation Exposure in the Lab - Minimizing Dose**
Presenter: Walter Tan, MD

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**Carotid Artery Disease and Stroke Intervention**

4:20 p.m. – 5:40 p.m.

**Session Moderators & Panelists:** Tyrone Collins, MD, FSCAI; Mark Wholey, MD; Kreton Mavromatis, MD

4:20 PM
Is Carotid Stenting Near Death: What Happens Now?
Presenter: Michael Jaff, DO, FSCAI

4:30 PM

Carotid Angiography - Catheter Selection and the Nuances
Presenter: Mark Wholey, MD

4:40 PM

Acute Stroke Intervention Center
Presenter: Tyrone Collins, MD, FSCAI

4:50 PM

Proximal Embolic Protection Devices
Presenter: Horst Sievert, MD, FSCAI

5:00 PM

Distal Embolic Protection Devices - From Deployment to Retrieval and Impact on Cognitive Function
Presenter: Wei Zhou, MD

5:10 PM

Acute Stroke Intervention Only for Surgeons and Radiologists
Presenter: Adnan Siddiqui, MD, PhD

5:20 PM

Case Reviews with Audience Q&A and Panel Discussion
Moderator: James Zidar, MD, FSCAI
Panel: Michael Jaff, DO, FSCAI
Panel: Horst Sievert, MD, FSCAI
Panel: Wei Zhou, MD
Panel: Tyrone Collins, MD, FSCAI
Panel: Mark Wholey, MD
Panel: William Bachinsky, MD, FSCAI
Panel: Aravinda Nanjundappa, MD, FSCAI

5:30 PM

Primer Closing Remarks
Panel: Aravinda Nanjundappa, MD, FSCAI
Panel: Nelson Bernardo, MD, FSCAI

5:40 PM

Adjourn

REPATHA (EVOLOCUMAB): PRODUCT OVERVIEW (SYMPOSIUM)
Sunday, February 21, 2016
12:00 p.m. – 1:20 p.m.
Room: Congressional AB
Track: Satellite Symposia

Session Course Directors: Eliot Brinton, MD, FAHA

12:00 PM
Repatha (evolocumab): Product Overview
Presenter: Eliot Brinton, MD, FAHA

1:20 PM
Adjourn

SEEING THE FUTURE WITH OCT: INCORPORATION INTO DAILY PRACTICE
Sunday, February 21, 2016
7:00 a.m. – 8:00 a.m.
Room: Congressional AB
Track: Satellite Symposia

Session Course Directors: Augusto Pichard, MD, FSCAI

7:00 AM
Course Welcome, Overview, Objectives
Presenter: Augusto Pichard, MD, FSCAI

7:05 AM
OCT & Co-registration in Today’s Cath Lab: My First Cases
Presenter: Allen Jeremias, MD, FSCAI

7:20 AM
What Does OCT Show Me Compared to Other Imaging Modalities?
Presenter: Ryan Madder, MD

7:35 AM
See the Future: OCT-guided Stent Implementation
Presenter: Hiram Bezerra, MD, PhD

7:50 AM
Q&A Session
Presenter: Augusto Pichard, MD, FSCAI

8:00 AM
Adjourn
SIMULATION SESSION
Sunday, February 21, 2016
11:00 a.m. – 4:00 p.m.
Room: Exhibit Hall
Track:

Session Course Directors: Samir Pancholy, MD, FSCAI

WOMEN & HEART SYMPOSIUM
Sunday, February 21, 2016
12:05 p.m. – 2:00 p.m.
Room: Regency
Track: Special Symposia

Session Course Directors: Cindy Grines, MD, FSCAI; Alice Jacobs, MD, FAHA; Marie-Claude Morice, MD, FACC; Ron Waksman, MD, FSCAI

12:05 PM
Lunch
12:20 PM
Prognostic Paradox in Young Women with Heart and Vascular Disease
Presenter: Alexandra Lansky, MD, FSCAI

12:30 PM
TAVR & SAVR in Women
Presenter: Michael Mack, MD

12:40 PM
What Did We Learn from SAFE PCI with Regards to the Use of Radial Access in Women?
Presenter: Sunil Rao, MD, FSCAI

12:50 PM
STEMI Management in Women: A Global Perspective
Presenter: Alice Jacobs, MD, FAHA

1:00 PM
Keynote Presentation: Women, Stress and Fatigue: Best Solutions
Keynote Speaker: Holly Atkinson, MD

1:20 PM
Panel Discussion: What Novel Initiatives Should be Targeted for Women for Primary Prevention?
Moderator: Roxana Mehran, MD, FACC, FSCAI
Moderator: Ron Waksman, MD, FSCAI
Panel: Patricia Davidson, MD
WOMEN IN INTERVENTIONAL CARDIOLOGY ROUNDTABLE
Sunday, February 21, 2016
2:00 p.m. – 4:00 p.m.
Room: Blue Prefunction
Track: Special Symposia

Session Course Directors: Cindy Grines, MD, FSCAI

Building Your Professional Reputation: Referrals, Colleagues, National Involvement
2:00 p.m. – 4:00 p.m.

Session Moderators & Panelists: Cindy Grines, MD, FSCAI; Stephen Ellis, MD, FSCAI; Mayra Guerrero, MD, FACC, FSCAI; James Hermiller, MD, FACC, FSCAI; Monica Jiddou; Ellen Keeley, MD, MS; Annapoorna Kini, MD; Alexandra Lansky, MD, FSCAI; Roxana Mehran, MD, FACC, FSCAI; Marie-Claude Morice, MD, FACC; Srihari Naidu, MD, FSCAI; Ruby Satpathy; Binita Shah; Charles Simonton, MD, FSCAI; Kimberly Skelding, MD, FACC, FSCAI; Molly Szerlip; Jennifer Tremmel, MD, MS; James Zidar, MD, FSCAI

2:00 PM
Introduction
Presenter: Cindy Grines, MD, FSCAI

2:05 PM
Building Your Practice in Cardiovascular Intervention and Structural Heart Disease: Starting Programs, Getting Referrals, and Staying in the Game
Presenter: Kimberly Skelding, MD, FACC, FSCAI

2:15 PM
Discussion

2:40 PM
Expanding Your Exposure: How to Get Involved Nationally in Societies, Become a Respected Speaker, a Principal Investigator, and Be Recognized for Your Work Outside Your Institution
Presenter: Roxana Mehran, MD, FACC, FSCAI
2:50 PM
Discussion

3:10 PM
Avoiding Landmines: Building and Maintaining Relationships with Your Ancillary Staff
Presenter: Ruby Satpathy

3:20 PM
Discussion

3:40 PM
Not Dropping the Ball: How to Juggle Your Relationships, Children, and a Personal Life with Your Professional Career
Presenter: Ellen Keeley, MD, MS

3:50 PM
Discussion

4:00 PM
Adjourn

Monday, February 22, 2016

ABSTRACT CAFE
Monday, February 22, 2016
8:00 a.m. – 9:00 a.m.
Room: Exhibit Hall
Track: Special Symposium

Session Course Directors: Shaoliang Chen, MD

8:00 AM
Hemodynamic, Functional, and Clinical Responses to Pulmonary Artery Denervation in Patients with Pulmonary Arterial Hypertension of Different Etiologies: Phase II Results From the Padn-1 Study
Presenter: Shaoliang Chen, MD

8:15 AM
Stent Thrombosis with Bioabsorbable Vascular Scaffolds: A Meta-analysis
Presenter: Alok Saurav, MD

8:30 AM
Tissue Characteristics of Culprit Lesion and Myocardial Tissue-level Perfusion in Non-ST-segment Elevation Acute Coronary Syndromes: Novel Findings from the IMAP-ACS-II Study Using 40-MHz Radiofrequency Intravascular Ultrasound Imaging System
Presenter: Jun Pu, MD, FESC
Eligibility For PCSK9 Treatment in 734 Hypercholesterolemic Patients Referred to a Regional Cholesterol Treatment Center with Heterozygous Familial Hypercholesterolemia With LDL Cholesterol >100 mg/dl And/or Atherosclerotic Cardiovascular Disease With LDL Cholesterol > 70 mg/dl Despite Maximal Tolerated Cholesterol Lowering Therapy
Presenter: Marloe Prince, MD

BEST ABSTRACTS
Monday, February 22, 2016
6:30 a.m. – 8:00 a.m.
Room: Congressional AB
Track: Special Symposium

Session Course Directors: Alec Vahanian, MD

6:30 AM
Transfemoral System for Mitral Valve Reconstruction: A Multicentre Experience
Presenter: Alec Vahanian, MD

6:43 AM
Transfemoral Aortic Valve Implantation in Patients with Symptomatic Severe Aortic Stenosis with the Repositionable Lotus Valve: Results From a High Volume Center
Presenter: Jochen Wöhrle, MD, FESC

6:56 AM
Does Discharge Disposition After Transcatheter Aortic Valve Replacement Affect Readmission Rates?
Presenter: Seth Clancy, MPH

7:09 AM
A Comparative Histopathologic Study of The WATCHMAN Flx and WATCHMAN Closure Devices in the Canine Model
Presenter: Elena Ladich, MD

7:21 AM
Redo-scoring for Prediction of Success of Redo Percutaneous Balloon Mitral Valvuloplasty in Patients with Mitral Restenosis
Presenter: Tamer Moustafa, MD

7:34 AM
Right Ventricular Function Association with Long-term Mortality Among Transcatheter Aortic Valve Replacement Patients
Presenter: Edward Koifman, MD

7:47 AM
Real-time MRI Guidance Improves the Diagnostic Yield of Endomyocardial Biopsy Compared with X-ray Fluoroscopy
Presenter: Toby Rogers, MD
BREAKFAST SYMPOSIUM: INTERESTING CASES  
Monday, February 22, 2016  
6:30 a.m. – 7:30 a.m.  
Room: Diplomat  
Track: Valve & Structural

Session Course Directors: Ted Bass, MD, MSCAI; Haim Danenberg, MD; Adam Greenbaum, FACC, FSCAI

6:30 AM  
Anterior STEMI Presenting with Left Main Occlusion  
Presenter: Marco Coello, MD

6:42 AM  
Once In a Lifetime of An Interventionalist  
Presenter: Kintur Sanghvi, MD FSCAI

6:54 AM  
Complication of Valve-In-Valve TAVR  
Presenter: Umang Shah, MD

7:06 AM  
Endovascular Repair of Chronic Type B Thoracic Aortic Dissection Complication: Acute Retrograde Type A Dissection  
Presenter: Janice Thai, MD

7:18 AM  
Transcatheter Tricuspid Valve Replacement (Valve-in-ring): Tips and Tricks  
Presenter: Pradeep Yadav, MD

7:30 AM  
Adjourn

CARDIOTUBE INTERVIEWS  
Monday, February 22, 2016  
9:00 a.m. – 4:45 p.m.  
Room: BirdCage  
Track:
Session Course Directors: Michael Gaglia, MD, MSc, FSCAI; Michael Mooney, MD, FSCAI

COMPLEX CORONARY I
Monday, February 22, 2016
12:20 p.m. – 5:15 p.m.
Room: Regency
Track: Coronary

Session Course Directors: Maurice Buchbinder, MD, FSCAI; Spencer King, MD, FSCAI; Lowell Satler, MD, FSCAI; Ron Waksman, MD, FSCAI

Changing the Landscape of Intervention in the U.S. (Supported through an educational grant from Medtronic)
12:20 p.m. – 1:30 p.m.

Session Moderators & Panelists: David Kandzari, MD, FSCAI; Ron Waksman, MD, FSCAI; Eberhard Grube, MD, FSCAI

12:20 PM
FFR in 2016: How to Make it Useful
Presenter: Morton Kern, MD, FSCAI

12:30 PM
What is New for Drug-eluting Stents?
Presenter: Ron Waksman, MD, FSCAI

12:40 PM
Drug-coated Balloon: Will It Make a Difference for PAD Treatment?
Presenter: Michael Jaff, DO, FSCAI

12:50 PM
Why I Am Still Excited About Renal Denervation After SYMPLICITY 3
Presenter: David Kandzari, MD, FSCAI

1:00 PM
TAVR: Why Evolut R is a Game Changer
Presenter: Steven Yakubov, MD, FACC, FSCAI

1:10 PM
Panel Discussion: How the Landscape Is Changing For Interventional Cardiologists
Panel: Michael Jaff, DO, FSCAI
Panel: Akiko Maehara, MD
Panel: Morton Kern, MD, FSCAI
Digital Moderator: Eberhard Grube, MD, FSCAI
The iMPACT Trials: Session I  
1:30 p.m. – 3:05 p.m.

**Session Moderators & Panelists:** Spencer King, MD, FSCAI; Ron Waksman, MD, FSCAI; Eberhard Grube, MD, FSCAI

1:30 PM

**iMPACT Trial: Treatment of Severely Calcified Coronary Lesions with the Coronary Orbital Atherectomy System Micro Crown: Early Results from the COAST Trial**  
Presenter: Richard Shlofmitz, MD

1:40 PM

**iMPACT Trial: Prognostic Impact of Thrombus Aspiration in Patients with STEMI: A Report from the Swedish Coronary Angiography and Angioplasty Registry**  
Presenter: Elmir Omerovic

1:50 PM

**Commentary on iMPACT Trials**  
Presenter: Spencer King, MD, FSCAI

2:05 PM

**Live Case Demonstration from Mount Sinai Medical Center - New York, NY**  
Panel: Hans Bonnier, MD, PhD, FSCAI  
Moderator: Maurice Buchbinder, MD, FSCAI  
Panel: Carlo Di Mario, MD  
Panel: Spencer King, MD, FSCAI  
Digital Moderator: Eberhard Grube, MD, FSCAI  
Operator: Samin Sharma, MD  
Panel: Ian Meredith AM, MBBS, BsC, PhD, FSCAI  
Panel: Philippe Genereux, MD  
Operator: Annapoorna Kini, MD

Hot Topics in Interventional Cardiology  
3:05 p.m. – 5:15 p.m.

**Session Moderators & Panelists:** Spencer King, MD, FSCAI; Ian Meredith AM, MBBS, BsC, PhD, FSCAI; Eberhard Grube, MD, FSCAI

3:05 PM

**Keynote Lecture: The Five Best Trials from 2015 That May iMPACT My Practice**  
Presenter: David Holmes, MD, FSCAI

3:35 PM

**Left Main Coronary Stenting: State of the Field - What Are We Doing in Europe? The European Experience**  
Presenter: Eberhard Grube, MD, FSCAI

3:45 PM

**Bifurcation Stenting: It's Not That Difficult**  
Presenter: James Hermiller, MD, FACC, FSCAI

3:55 PM
Escalation in Hemodynamic Support for Complex PCI
Presenter: Michael Mooney, MD, FSCAI

4:05 PM
Radial Access: We Are All Behind
Presenter: Sunil Rao, MD, FSCAI

4:15 PM
Live Case Demonstration From MedStar Washington Hospital Center - Washington, DC
Operator: Lowell Satler, MD, FSCAI
Operator: Augusto Pichard, MD, FSCAI
Moderator: Maurice Buchbinder, MD, FSCAI
Digital Moderator: Eberhard Grube, MD, FSCAI
Panel: Hans Bonnier, MD, PhD, FSCAI
Panel: Carlo Di Mario, MD
Panel: Philippe Genereux, MD
Panel: Spencer King, MD, FSCAI
Panel: Ian Meredith AM, MBBS, BsC, PhD, FSCAI

5:15 PM
Adjourn

CRT ASIA PACIFIC: CORONARY COMPLICATIONS
Monday, February 22, 2016
9:00 a.m. – 10:30 a.m.
Room: Blue I
Track: Coronary

Session Course Directors: Seung-Woon Rha, MD, PhD, FSCAI

Coronary Complication Session
9:00 a.m. – 10:30 a.m.

Session Moderators & Panelists: Andrew Adjani; Mun Hong, MD; Joshua Loh, MD; Se-Yeon Choi, BS; Byung-Soo Ko, MD; Min-Ho Lee, MD; Taeshik Park, MD; Seung-Woon Rha, MD, PhD, FSCAI; Min-Suk Shim; Jon Suh, MD, PhD; Soon Yong Suh

9:00 AM
Case 1: A Successful Rescue of a Perforated Coronary Artery during CTO Intervention Using Different Strategies in Different Locations
Presenter: Ji-Hun Ahn, MD

9:10 AM
Case 2: Resolution of Bradyarrhythmia following Successful PCI for RCA CTO in a Patient with History of Herbal Medication
Presenter: Ji-Yeon Hong
9:20 AM  
**Case 3: Stenting in a Giant Right Coronary Artery with Huge Thrombus**  
Presenter: Ji Young Park, MD, PhD

9:30 AM  
**Case 4: Successful Management of Acute Thrombi during Retrograde Approach for RCA CTO through LAD Stent Strut**  
Presenter: Min-Woong Kim

9:40 AM  
**Case 5: A Case of Catastrophic Dissection of Left Main Coronary Artery**  
Presenter: Ae-Young Her, MD, PhD

9:50 AM  
**Case 6: Severe Perforation at the Dilated Septal Channel during Retrograde Right Coronary Artery CTO Intervention**  
Presenter: Eun Jin Park, MD

10:00 AM  
**Case 7: Successful but Frustrating Management of Coronary Dissection with Propagating Intramural Hematoma Immediately after Stenting**  
Presenter: Sang-Min Park

10:20 AM  
**Efficacy and Safety of Additional Ballooning after Stent Implantation in Acute Myocardial Infarction Patients: Is It Beneficial or Deleterious**  
Presenter: Ju-Yeol Baek, MD

10:30 AM  
**Adjourn**
6:50 AM
Aspiration: Practice, but No Guideline
Presenter: Meng Wei

7:05 AM
TCFA by OCT, IVUS and Angio
Presenter: Jingbo Hou

7:15 AM
Case: Primary PCI Using DES
Presenter: Wenyue Pang, MD, PHD

7:25 AM
Case: Staged PCI After Primary DES Implantation
Presenter: Zheng Huang

7:35 AM
Current Status of Managing STEMI in China
Presenter: Ling Tao

7:50 AM
Discussion

8:00 AM
Adjourn

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CRT ASIA PACIFIC WITH CHINA: STENTING IN CORONARY BIFURCATION LESIONS
Monday, February 22, 2016
10:30 a.m. – 12:00 p.m.
Room: Blue I
Track: Coronary

Session Course Directors: Shaoliang Chen, MD; Spencer King, MD, FSCAI; Meng Wei; Tanveer Rab, MD, FACC, FSCAI; Jingbo Hou; Zheng Huang; Wenyue Pang, MD, PHD; Kai Xu, MD, PhD; Ling Tao

10:30 AM
Welcome
Presenter: Shaoliang Chen, MD

10:35 AM
When, Why and How to Use the Two-stent Technique
Presenter: Shaoliang Chen, MD

10:50 AM
From Bench to Practice: Selection of Stenting Techniques
Intravascular Imaging Tools to Guide Stenting Bifurcations
Presenter: Guisong Wang

Case: Modified Culotte Stenting Technique
Presenter: Shang Yu Wen, MD

Case: Provisional Side Branch Stenting
Presenter: Ruqiong Nie, MD, PhD

Case: Classic Crush Stenting Technique
Presenter: Zaixin Yu, MD

Discussion

CRT ASIA PACIFIC: ENDOVASCULAR COMPLICATIONS
Monday, February 22, 2016
6:30 a.m. – 8:00 a.m.
Room: Palladian
Track: Endovascular

Session Course Directors: Seung-Woon Rha, MD, PhD, FSCAI

Peripheral Complication Session
6:30 a.m. – 8:00 a.m.

Session Moderators & Panelists: In-Ho Chae, MD, PhD; Michael Lee, MD, FSCAI; Seung-Woon Rha, MD, PhD, FSCAI; Jae Kyeong Byun, MS; Yun-Hyeong Cho, MD, PhD; Byoung-Geol Choi; Li Hu; Tae-Soo Kang, PhD; Yong Hoon Kim, MD, PhD; Sang-Min Park; Jae-Bin Seo

6:30 AM
Breakfast
6:45 AM
Case 1: Post-procedure Management to Prevent the Disastrous Complication following Successful Seal-off of Iliac Perforation Complicated with Shock
Presenter: Sang-Ho Park, PhD

6:55 AM
Case 2: Acute Type B Aortic Dissection in a Patient with a Previous Abdominal Aortic Dissection  
Presenter: Jae-Bin Seo  
7:05 AM

Case 3: Management of External Piercing Method Related Perforation/Extravasation in a Heavily Calcified BTK Lesion  
Presenter: Seung-Woon Rha, MD, PhD, FSCAI  
7:15 AM

Case 4: Successful Management of Thoracoabdominal Aortic Aneurysm Complicated with Chronic Consumptive Coagulopathy by Endovascular Therapy and Sequential Surgical Aorta Replacement  
Presenter: Sang-Min Kim  
7:25 AM

Case 5: Unexpected Perforation, Acute Reocclusion and Delayed Rupture During and After the SFA Balloon Angioplasty  
Presenter: Ju-Yeol Baek, MD  
7:35 AM

Case 6: Renal Artery Stenosis after Endovascular Aortic Repair  
Presenter: Won-Yu Kang, MD  
7:45 AM

Case 7: Percutaneous Retrieval of an Embolized Left Atrial Appendage Occlusion Device through the Double Transseptal Approach  
Presenter: Sang Yeub Lee, MD  
8:00 AM

Adjourn
9:05 AM
Role of CTA or MRA Imaging Studies in PAD
Presenter: Michael Wholey, MD, MBA, FSCAI

9:13 AM
Aortoiliac Bifurcation Disease - Stenting Options & Techniques
Presenter: John Bacharach, MD

9:21 AM
Iliac Artery Stenting - Bare Metal or ePTFE-covered Stent
Presenter: John Fritz Angle, MD

9:28 AM
Mesenteric Intervention - Tips & Tricks
Presenter: James Zidar, MD, FSCAI

SFA Stenting
9:36 a.m. – 11:00 a.m.

Session Moderators & Panelists: Robert Bersin, MD, MPH, FSCAI; William Gray, MD, FSCAI; Stephen Ramee, MD, MS, FSCAI; Peter Soukas, MD, FSCAI

9:36 AM
SFA Intervention - Stenting as Definitive Therapy with New Stent Designs
Presenter: D. Christopher Metzger, MD, FSCAI

9:44 AM
Pathological and Biomechanical Considerations for Stent in SFA

9:51 AM
Insights from the IMPERIAL and MAJESTIC SFA Studies
Presenter: William Gray, MD, FSCAI

9:59 AM
When Do I Use Covered Stents in the Fem-Pop Segment?
Presenter: Peter Soukas, MD, FSCAI

10:07 AM
Fem-Pop Stenting - Is Zilver PTX DES the "De-Facto" Stent to Deploy?
Presenter: Krishna Rocha-Singh, MD, FSCAI

10:15 AM
Live Case #1 from Ochsner Heart and Vascular Institute - New Orleans, LA
Operator: Stephen Ramee, MD, MS, FSCAI
Moderator: William Bachinsky, MD, FSCAI
Moderator: Robert Bersin, MD, MPH, FSCAI
Moderator: Mark Wholey, MD
Digital Moderator: Peter Soukas, MD, FSCAI
Panel: James Zidar, MD, FSCAI
SFA Drug-coated Balloon
11:00 a.m. – 11:32 a.m.

Session Moderators & Panelists: Kenneth Rosenfield, MD, MSCAI; Thomas Zeller, MD; Leonardo Clavijo, MD, PhD, FSCAI

11:00 AM
Definitive Therapies - How to Optimize DCB Outcomes: Lessons from the Germans
Presenter: Thomas Zeller, MD

11:10 AM
Fem-Pop Intervention - Is Drug-coated Balloon a Game Changer?
Presenter: Kenneth Rosenfield, MD, MSCAI

11:17 AM
What Kind of Vessel Preparation is Best before DCB Usage for Peripheral Interventions
Presenter: Marianne Brodmann, MD

11:24 AM
How Should We Apply Drug-coated Balloons to Clinical Practice?
Presenter: Ehrin Armstrong, MD, FSCAI

Advantages and Indications for the Supera Stent (NON-CME, Sponsored by Abbott)
11:32 a.m. – 12:50 p.m.

Session Moderators & Panelists: George Adams, MD, MHS

11:32 AM
Power Break

11:50 AM
Supera Self-expanding Stents for Endovascular Treatment of Femoropopliteal Disease: The Clinical Evidence
Presenter: George Adams, MD, MHS

12:00 PM
Live Case #2 from MedStar Washington Hospital Center - Washington, DC
Operator: Nelson Bernardo, MD, FSCAI
Operator: D. Christopher Metzger, MD, FSCAI
Panel: Michael Jaff, DO, FSCAI
Panel: Prakash Krishnan, MD
Panel: Jihad Mustapha, MD, FSCAI
Panel: Craig Walker, MD

12:40 PM
Break

The Role of Stent Grafts in the Leg (Supported through an educational grant from Gore & Associates)
12:50 p.m. – 1:30 p.m.

**Session Moderators & Panelists:** Venkatesh Ramaiah, MD, FACS; Edward Woo, MD

12:50 PM

**Stent Graft for the Treatment of ISR: The RELINE Study**
Presenter: Peter Soukas, MD, FSCAI

1:00 PM

**Conquering Restenosis: Use of Drug-coated Balloons and Other Future Therapies**
Presenter: Edward Woo, MD

1:10 PM

**Can Drug-coated Balloons Work in Synergy with Stent Grafts?**
Presenter: Thomas Zeller, MD

1:20 PM

**Use of Graft Stents as a Bailout of Iliac and Femoral Perforations**
Presenter: Nelson Bernardo, MD, FSCAI

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**Atherectomy and Debulking**
1:30 p.m. – 2:10 p.m.

**Session Moderators & Panelists:** Craig Walker, MD; Giancarlo Biamino, MD, PhD; Marianne Brodmann, MD

1:30 PM

**DISRUPT PAD 2: 30-day Follow-up on the Use of Lithoplasty(r) for the Treatment of de Novo Calcified SFA/Popliteal Disease**
Presenter: Marianne Brodmann, MD

1:40 PM

**Use of Atherectomy and 'Specialty' Balloons in Fem-Pop Intervention**
Presenter: Prakash Krishnan, MD

1:50 PM

**Debulking/Atherectomy Prior to DCB**
Presenter: Robert Lookstein, MD

2:00 PM

**Common Femoral Artery Stenosis: Is Surgery Still the Best Revascularization Option?**
Presenter: Dipankar Mukherjee

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**Multidisciplinary CLI Management**
2:10 p.m. – 5:30 p.m.

**Session Moderators & Panelists:** Richard Neville, MD; Yazan Khatib, FACC, FSVM, FSCAI; Leonardo Clavijo, MD, PhD, FSCAI
2:10 PM
Keynote Lecture: Multidisciplinary Approach for a Successful CLI Management Program
Presenter: Michael Jaff, DO, FSCAI

2:20 PM
Below the Knee CTO’s – Crossing From Above with Wires and Devices
Presenter: Sahil Parikh, MD, FSCAI

2:30 PM
Tibiopedal Access and Intervention and/or Transcollateral Intervention
Presenter: Arthur Lee, MD, FACC, FSCAI

2:40 PM
Chronic Total Occlusion Crossing Based on Cap Morphology (C-TOP) in CLI Patients: A Pilot Study and Interim Analysis of the PRIME Registry
Presenter: Jihad Mustapha, MD, FSCAI

2:50 PM
Calcium in Below the Knee Lesions: Does it Really Matter?
Presenter: Giancarlo Biamino, MD, PhD

3:00 PM
Role of Drug-Coated Balloon in BTK Intervention
Presenter: Thomas Zeller, MD

3:10 PM
Break and Visit the Exhibit Hall

3:30 PM
Live Case #4 MedStar Washington Hospital Center - Washington, DC
Operator: Nelson Bernardo, MD, FSCAI
Moderator: Vinay Kumar, MD, FACS
Moderator: Mark Whooley, MD
Digital Moderator: James Zidar, MD, FSCAI
Panel: Gholam Ali, MD, FSVM
Panel: Giancarlo Biamino, MD, PhD
Panel: Jihad Mustapha, MD, FSCAI
Panel: Peter Soukas, MD, FSCAI
Panel: Thomas Zeller, MD
Panel: Craig Walker, MD

4:10 PM
Has Pedal Access Been a Game Changer? A Decade of Experience
Presenter: Craig Walker, MD

4:20 PM
Drug-eluting Technologies for Critical Limb Ischemia
Presenter: Giancarlo Biamino, MD, PhD

4:30 PM
Complex Decision Making in Salvage Therapy for Peripheral Arterial Disease
Presenter: Ehtisham Mahmud, MD, FSCAI
4:40 PM
**Acute Limb Ischemia Outpatient Management**
Presenter: Yazan Khatib, FACC, FSVM, FSCAI

4:50 PM
**The Angiosome Concept - Clinical and Revascularization Implications**
Presenter: Richard Neville, MD

5:00 PM
**Role of Fibrinolytic Therapy in PAD Intervention - Which Lesion and When**
Presenter: Leonardo Clavijo, MD, PhD, FSCAI

5:10 PM
**Panel Discussion: The Future of CLI Management**
Moderator: Craig Walker, MD
Moderator: Mark Wholey, MD
Digital Moderator: James Zidar, MD, FSVM
Panel: Vinay Kumar, MD, FACS
Panel: Giancarlo Biamino, MD, PhD
Panel: Thomas Zeller, MD
Panel: Gholam Ali, MD, FSCAI
Panel: Richard Neville, MD

5:30 PM
Adjourn

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**CRT VALVE - AORTIC**
Monday, February 22, 2016
6:30 a.m. – 11:54 a.m.
Room: Regency
Track: Valve & Structural

**Session Course Directors:** Paul Corso, MD; Augusto Pichard, MD, FSVM; Michael Reardon, MD; Ron Waksman, MD, FSVM

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Valve & Structural Heart Revolution for the Surgeon - Breakfast II
6:30 a.m. – 8:10 a.m.

**Session Moderators & Panelists:** Paul Corso, MD; Sameer Gafoor, MD, FSVM; Howard Herrmann, MD, FACC, MScAI; Jochen Reinöhl, MD; Liam Ryan, MD

6:30 AM
**Transcarotid Approach**
Presenter: Christian Shults, MD
6:40 AM
Transfemoral Access Devices and Tips for Closure Devices
Presenter: James Zidar, MD, FSCAI

6:50 AM
Direct Aortic TAVR Experience with Balloon-expandable and Self-expanding Valve
Presenter: Michael Reardon, MD

7:00 AM
How to Perform a Successful Transapical
Presenter: Christian Shults, MD

7:10 AM
Transapical Closure Devices
Presenter: Howard Herrmann, MD, FACC, MSCAI

7:20 AM
Optimizing Valve Sizing: Role of CT vs. Echo
Presenter: Axel Linke, MD

7:30 AM
Decision-making in Aortic Stenosis from Traditional AVR, to Sutureless AVR, to TAVR
Presenter: Niv Ad, MD

7:40 AM
Transaortic Transcatheter Aortic Valve Implantation of Lotus Valve: First-in-man Multi-center Experience
Presenter: Vinayak Bapat, FRCS(CTh)

7:50 AM
Impact of TAVR on Clinical Practice in Germany
Presenter: Jochen Reinöhl, MD

8:00 AM
Panel Discussion: Optimizing Access and Valve Sizing
Panel: Paul Corso, MD
Panel: Howard Herrmann, MD, FACC, MSCAI
Moderator: Michael Reardon, MD
Digital Moderator: James Zidar, MD, FSCAI

TAVR State of the Field
8:45 a.m. – 11:30 a.m.

Session Moderators & Panelists: Maurice Buchbinder, MD, FSCAI; Michael Reardon, MD; Samir Kapadia, MD, FSCAI; Jochen Reinöhl, MD

8:45 AM
Live Case #1 from MedStar Washington Hospital Center - Washington, DC
Operator: Augusto Pichard, MD, FSCAI
Operator: Lowell Satler, MD, FSCAI
Moderator: Maurice Buchbinder, MD, FSCAI
Moderator: Ian Meredith AM, MBBS, BsC, PhD, FSCAI
Moderator: Ron Waksman, MD, FSCAI
Digital Moderator: Samir Kapadia, MD, FSCAI
Panel: Eberhard Grube, MD, FSCAI
Panel: Axel Linke, MD
Panel: Michael Reardon, MD
Panel: Josep Rodes-Cabau, MD

9:50 AM
**TAVR: What Does the Future Hold Technology-Wise?**
Presenter: Eberhard Grube, MD, FSCAI

10:00 AM
**TAVR: Where Are We Going from Here - The Surgeon's Perspective**
Presenter: Michael Mack, MD

10:10 AM
**Mitral Valve Repair/Replacement: State of the Field**
Presenter: Alec Vahanian, MD

10:20 AM
**Live Case #2 from Belfast, Ireland - Royal Victoria Hospital**
Operator: Ganesh Manoharan, MBBCh, MD
Operator: Mark Spence, MD, FRCP
Moderator: Maurice Buchbinder, MD, FSCAI
Digital Moderator: Samir Kapadia, MD, FSCAI
Panel: Eberhard Grube, MD, FSCAI
Panel: Axel Linke, MD
Panel: Ian Meredith AM, MBBS, BsC, PhD, FSCAI
Panel: Michael Reardon, MD
Panel: Josep Rodes-Cabau, MD
Panel: Jochen Reinöhl, MD

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**Transcatheter Aortic Valves**  
11:30 a.m. – 11:54 a.m.

**Session Moderators & Panelists:** Ron Waksman, MD, FSCAI; Michael Reardon, MD; Alec Vahanian, MD; Kreton Mavromatis, MD

11:30 AM
**Patient Selection and TAVR vs. SAVR: Are We Ready for Low-risk Patients?**
Presenter: Michael Reardon, MD

11:38 AM
**What Does the Future Hold for Alternative Access**
Presenter: Vinayak Bapat, FRCS(CTh)

11:46 AM
**TAVR: Unresolved Issues for 2016**
Presenter: Josep Rodes-Cabau, MD
11:54 AM

Adjourn

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CRT VALVE & STRUCTURAL WITH FDA

Monday, February 22, 2016
12:50 p.m. – 5:00 p.m.
Room: Blue Room
Track: Valve & Structural

Session Course Directors: Ron Waksman, MD, FSCAI

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LAA Closure: A Second Look on Future Studies
12:50 p.m. – 1:45 p.m.

Session Moderators & Panelists: David Holmes, MD, FSCAI; Nicole Ibrahim, PhD; Rochelle Fink, MD, JD

12:50 PM

Lessons from WATCHMAN Launch
Presenter: Ken Stein, MD

12:58 PM

LAA Occlusion Post-approval Studies: Opportunities and Challenges
Presenter: Maurice Buchbinder, MD, FSCAI

1:06 PM

Looking Forward: New Clinical Trial Design – FDA Perspective
Presenter: Rachel Neubrander

1:14 PM

Panel Discussion: Future Evaluation of LAA Closure Devices
Moderator: David Holmes, MD, FSCAI
Moderator: Nicole Ibrahim, PhD
Panel: Maurice Buchbinder, MD, FSCAI
Panel: Megan Coylewright, MD, MPH
Panel: Andrew Farb, MD
Panel: William Gray, MD, FSCAI
Panel: Rachel Neubrander
Panel: Ken Stein, MD
Panel: Ron Waksman, MD, FSCAI
Panel: Katherine Wallon, BS

1:34 PM

Break
Pediatric Cardiovascular Device Development: Challenges and Regulatory Pathways
1:45 p.m. – 2:30 p.m.

Session Moderators & Panelists: John Cheatham; Nicole Ibrahim, PhD; Scott Lim, MD; Michael Slack, MD, FSCAI

1:45 PM
Disease States, Devices and Unmet Needs
Presenter: Thomas Forbes, MD

1:53 PM
Industry Perspective
Presenter: Rhonda Robb, MBA, FSCAI

2:01 PM
FDA Perspective
Presenter: Jennifer Piselli, BS

2:09 PM
Panel Discussion: How to Bring Pediatric Devices to Market
Moderator: John Cheatham
Moderator: Nicole Ibrahim, PhD
Moderator: Scott Lim, MD
Moderator: Michael Slack, MD, FSCAI
Panel: Warren Cutright, DVM
Panel: Thomas Forbes, MD
Panel: Matthew Gillespie
Panel: John Laschinger, MD
Panel: Marissa Miller, DVM, MPH
Panel: Nicole Milligan, BS
Panel: Vasum Peiris, MD MPH
Panel: Jennifer Piselli, BS
Panel: Richard Ringel, MD
Panel: Rhonda Robb, MBA, FSCAI

Transcatheter Mitral Therapy: Regulatory Pathways for an Emerging Technology
2:30 p.m. – 3:30 p.m.

Session Moderators & Panelists: Matthew Hillebrenner, MSE; JoAnn Lindenfeld

2:30 PM
COAPT: Lessons Learned
Presenter: Charles Simonton, MD, FSCAI

2:38 PM
Optimizing Patient Population for Transcatheter Mitral Therapy
Presenter: Michael Mack, MD

2:46 PM
Optimizing Clinical Trials for Mitral Therapy: Appropriate Control and Trial Endpoints
Presenter: Mariell Jessup
2:54 PM

Panel Discussion: Clinical Trials for 2015: Getting the Right Data at Right Time
Moderator: Matthew Hillebrenner, MSE
Moderator: JoAnn Lindenfeld
Panel: Yuval Binur
Panel: Steven Goldberg, MD, FSCAI
Panel: Jamey Jacobs
Panel: Mariell Jessup
Panel: John Laschinger, MD
Panel: Michael Mack, MD
Panel: Rachel Neubrander
Panel: Bray Patrick-Lake
Panel: Stanton Rowe
Panel: Charles Simonton, MD, FSCAI

3:15 PM
Break

Percutaneous Aortic Valves: Knowledge Gaps in a Maturing Technology
3:30 p.m. – 5:00 p.m.

Session Moderators & Panelists: Ron Waksman, MD, FSCAI; Changfu Wu, PhD; Matthew Brennan

3:30 PM
TAVR Patient Populations Not Served with Current Indications
Presenter: Michael Reardon, MD

3:38 PM
Update to Leaflet Thrombosis Findings
Presenter: Rajendra Makkar, MD, FSCAI

3:46 PM
TAVR Bioprosthesis Thrombosis: Have Findings Changed Clinical Practice?
Presenter: Azeem Latib, MD

3:54 PM
Anticoagulation Post-TAVR: How Should We Find the Optimal Protocol?
Presenter: Alec Vahanian, MD

4:02 PM
How to Assess Cognitive Impairment in Patients Undergoing TAVR
Presenter: Ronald Lazar, PhD, FAHA

4:10 PM
Surrogates Endpoint: Is it Sufficient to Support Approval and Clinical Use of Cerebral Embolic Protection Devices
Presenter: Michael Mack, MD

4:18 PM
Panel Discussion and Question & Answer: How to Evaluate and Treat Leaflet Thrombosis
DES BIOABSORBABLE AND DCB TECHNOLOGIES
Monday, February 22, 2016
6:45 a.m. – 4:35 p.m.
Room: Empire
Track: Technology & Innovation

Session Course Directors: Michael Joner, MD; Renu Virmani, MD; Ron Waksman, MD, FSCAI

Breakfast: The Drug-coated Balloon Periphery
6:45 a.m. – 7:00 a.m.

Session Moderators & Panelists:

6:45 AM
Breakfast

7:00 AM
Coating Formulation and Anti-proliferative Choices on Drug Transfer and Tissue Pharmacokinetics
Presenter: Juan Granada, MD

7:10 AM
What Are the Pathological Concerns with DCB Technology?
Presenter: Renu Virmani, MD
7:20 AM
DCB for Peripheral Application: Show Me the Data I – DCB for SFA Lesions
Presenter: Marianne Brodmann, MD

7:30 AM
Show Me the Data II: DCB for Below the Knee Lesions and Limb Salvage
Presenter: Thomas Zeller, MD

7:40 AM
Directional Atherectomy and Drug-coated Balloon in the Treatment of Long, Severely Calcified SFA Lesions
Presenter: Krishna Rocha-Singh, MD, FSCAI

7:50 AM
Panel Discussion: How the Approval of DCB for Peripheral Application Will Impact the Technology Development
Moderator: Krishna Rocha-Singh, MD, FSCAI
Moderator: Thomas Zeller, MD
Digital Moderator: Juan Granada, MD
Panel: Marianne Brodmann, MD
Panel: Michael Jaff, DO, FSCAI
Panel: Renu Virmani, MD

8:00 AM
Break

DCB Technology Symposium - Coronary
8:45 a.m. – 9:30 a.m.

Session Moderators & Panelists: Juan Granada, MD; Bruno Scheller, MD; Robert Schwartz, MD, FSCAI; Ioannis Iakovou, MD, PhD

8:45 AM
DCB for In-stent Restenosis: Is It Superior to DES?
Presenter: Robert Byrne, MB BCh, PhD

8:52 AM
Is There Any Role of DCB for the Treatment of De Novo Lesions?
Presenter: Juan Granada, MD

8:59 AM
DCB as Adjunct Therapy to DES and BRS
Presenter: Azeem Latib, MD

9:06 AM
What Will be the Regulatory Requirements for DCB Approval for Coronary Application in the US?
Presenter: Andrew Farb, MD

9:13 AM
DCB for Coronary Intervention: State of the Field and Where are we Going From Here?
Presenter: Bruno Scheller, MD
9:20 AM

Panel Discussion: Will DCB Play a Role for Coronary Application in the US?
Moderator: Juan Granada, MD
Moderator: Robert Schwartz, MD, FSCAI
Moderator: Bruno Scheller, MD
Digital Moderator: Ioannis Iakovou, MD, PhD
Panel: Robert Byrne, MB BCh, PhD
Panel: Andrew Farb, MD
Panel: Gary Gershony, MD, FSCAI
Panel: Azeem Latib, MD

DES Thrombosis Restenosis and DAPT Duration
9:30 a.m. – 11:00 a.m.

Session Moderators & Panelists: Donald Cutlip, MD, FSCAI; Michael Joner, MD; Stephen Ellis, MD, FSCAI

9:30 AM
DES Thrombosis: Is It Still a Problem in 2016?
Presenter: Donald Cutlip, MD, FSCAI

9:40 AM
DES Restenosis Management in 2016
Presenter: Robert Byrne, MB BCh, PhD

9:50 AM
Does Neoatherosclerosis Contribute to Very Late Stent Thrombosis of BMS and DES?
Presenter: Renu Virmani, MD

10:00 AM
EVOLVE Short-DAPT Study Design Considerations
Presenter: Ajay Kirtane, MD, SM

10:07 AM
What is the DAPT Score?
Presenter: Robert Yeh, MD, MSc

10:17 AM
Shorter Duration of DAPT is Feasible and Better
Presenter: Philip Urban, MD

10:27 AM
DES in AF: WOEST for All or Tailored Approach?
Presenter: Michael Rinaldi, MD

10:37 AM
Panel Discussion: Optimal Duration of DAPT Justified the Risk of Bleeding
Panel: Robert Byrne, MB BCh, PhD
Panel: David Cohen, MD, FSCAI
Panel: Paul Gurbel, MD, FSCAI
Biodegradable Polymer DES Programs
11:00 a.m. – 12:00 p.m.

Session Moderators & Panelists: Michael Joner, MD; Jacques Koolen, MD, PhD, FSCAI; Nick West, MD; Josiah Wilcox, PhD

11:00 AM
Do the Clinical Data Support the Use of DES with Biodegradable Polymers over DES with Durable Polymers?
Presenter: Robert Byrne, MB BCh, PhD

11:10 AM
Everolimus-Eluting Bioabsorbable-Polymer DES Outcomes: SYNERGY Update
Presenter: Dean Kereiakes, MD, FACC, FSCAI

11:20 AM
EXCELLA Novolimus Elution from PLLA Polymer-Coated Stents
Presenter: Stefan Verheye, MD, PhD

11:27 AM
Orsiro: PLLA/Sirolimus Biodegradable: The BIOFLOW Studies In-depth
Presenter: Thomas Pilgrim, MD

11:34 AM
Combo: A Combination of Sirolimus-Eluting Biodegradable Polymer and Anti-CD34 Antibody Coated Stent
Presenter: Mitchell Krucoff, MD, FSCAI

11:41 AM
The MiStent Program Technology and Clinical Data Update
Presenter: David Kandzari, MD, FSCAI

11:48 AM
Emerging Programs of DES with Biodegradable Polymers
Presenter: Ricardo Costa, PhD

11:55 AM
Panel Discussion: Biodegradable Polymer DES – Are There Clinically Important Differences Between Devices? Durable, Biodegradable, Polymer-Free: What Does the Future Hold?
Moderator: Robert Byrne, MB BCh, PhD
Panel: Michael Joner, MD
Panel: Alexandra Lansky, MD, FSCAI
Panel: Ron Waksman, MD, FSCAI
Panel: Josiah Wilcox, PhD
Metallic & Bioresorbable Technologies: Examining the Potential of Two PCI Therapies (NON-CME, Sponsored by Abbott)
12:00 p.m. – 1:30 p.m.

Session Moderators & Panelists: Dimitri Karmpaliotis, MD, PhD, FSCAI

12:00 PM
Power Break
12:15 PM

Introduction and Agenda Overview
Presenter: Dimitri Karmpaliotis, MD, PhD, FSCAI

12:20 PM
Metallic Drug-Eluting Stents
Presenter: Khaldoon Alaswad, MD, FSCAI

12:40 PM
Fully Bioresorbable Scaffolds
Presenter: Dimitri Karmpaliotis, MD, PhD, FSCAI

1:05 PM
Q&A
1:15 PM
Break

The Great CMO Debate (NON-CME)
1:30 p.m. – 2:30 p.m.

Session Moderators & Panelists: Ian Meredith AM, MBBS, BsC, PhD, FSCAI; Azeem Latib, MD

1:30 PM

Why BRS Will Be Widely Adopted and Used in the US
Presenter: Charles Simonton, MD, FSCAI

1:40 PM

Biodegradable Polymer Technology Will Dominate the Field
Presenter: Keith Dawkins, MD, FSCAI

1:50 PM

Non-Polymeric Will be the Preferred Technology
Presenter: Martin Rothman, MD, MB, ChB

2:00 PM
Panel Discussion
Moderator: Azeem Latib, MD
Moderator: Ian Meredith AM, MBBS, BsC, PhD, FSCAI
Panel: Charles Simonton, MD, FSCAI
Panel: Josiah Wilcox, PhD
2:10 PM
Break

Non-Polymeric DES Development
2:30 p.m. – 3:10 p.m.

Session Moderators & Panelists: Marie-Claude Morice, MD, FACC; Jacques Koolen, MD, PhD, FSCAI

2:30 PM
Non-Polymeric DES Development: Update on the Drug-filled Stent
Presenter: Josiah Wilcox, PhD

2:40 PM
The BioFreedom Surface Etching Polymer-Free DES System
Presenter: Ron Waksman, MD, FSCAI

2:50 PM
Lessons from the LEADERS FREE Trial
Presenter: Philip Urban, MD

3:00 PM
Is There a Role for BMS in 2016?
Presenter: James Hermiller, MD, FACC, FSCAI

Dedicated Stents for Lesion Specific
3:10 p.m. – 3:55 p.m.

Session Moderators & Panelists: Philippe Genereux, MD; Ricardo Costa, PhD

3:10 PM
Stents for STEMI: the MGaurd Experience
Presenter: Edo Kaluski, MD, FSCAI

3:20 PM
Stents for Bifurcations: The Tryton Stent
Presenter: Philippe Genereux, MD

3:30 PM
Stents for Long Lesion: The BioMime Morph Stent
Presenter: Juan Granada, MD

3:40 PM
Dedicated Bifurcation Stents: Do They Still Have a Role?
Presenter: Ricardo Costa, PhD
Panel Discussion: Is there a Role for a Lesion-based Dedicated Stent and Should it be DES?
Moderator: Philippe Genereux, MD
Moderator: Nick West, MD
Digital Moderator: Ricardo Costa, PhD
Panel: Maurice Buchbinder, MD, FSCAI
Panel: Aaron Kaplan, MD, FSCAI
Panel: David Rizik, MD, FSCAI

New Stent Platforms and Local Drug Delivery
3:55 p.m. – 4:35 p.m.

Session Moderators & Panelists: Michael Joner, MD; Nick West, MD; Ricardo Costa, PhD

3:55 PM
Utility of Direct Adventitial Delivery of Dexamethasone to Prevent Restenosis - DANCE and LIMBO Studies
Presenter: George Adams, MD, MHS

4:02 PM
Local Drug Delivery Primer for PAD
Presenter: Sahil Parikh, MD, FSCAI

4:09 PM
Micro-engineered Grooved Stent Surfaces and Beyond: Technology Description and Preliminary Data
Presenter: Juan Granada, MD

4:15 PM
Novel Ultra-Thin Drug-eluting Stents with Biodegradable Polymers
Presenter: Ricardo Costa, PhD

4:22 PM
How Can We Improve the Current Stent Technology?
Presenter: Michael Joner, MD

4:29 PM
Panel Discussion: What Should Be the Features of the Stent of the Next Decade?
Moderator: Michael Joner, MD
Moderator: Nick West, MD
Digital Moderator: Ricardo Costa, PhD
Panel: Edo Kaluski, MD, FSCAI
Panel: David Rizik, MD, FSCAI
Panel: Sahil Parikh, MD, FSCAI

ESSENTIALS OF CLINICAL RESEARCH
Monday, February 22, 2016
8:50 a.m. – 4:45 p.m.
Room: Blue Prefunction
Track: Atherosclerosis & Research

Session Course Directors: Alexandra Lansky, MD, FSCAI; Ajay Kirtane, MD, SM; Rebecca Torguson, MPH

How to Build a Successful Clinical Research Program: Part I
8:50 a.m. – 10:10 a.m.

Session Moderators & Panelists: Alexandra Lansky, MD, FSCAI; Rebecca Torguson, MPH; David Cox, MD, FSCAI

8:50 AM
Building and Maintaining a Sound Clinical Research Program
Presenter: Louis Cannon, MD, FSCAI, FACC

9:00 AM
The Role and Expectations of a Research Coordinator

9:10 AM
What Are the Essentials to Run a Large Research Organization?
Presenter: A. Michael Lincoff, MD

9:20 AM
Guiding Principles in Clinical Research: The Essentials (GCP, Informed Consent, and Quality Assurance)
Presenter: Charles Mackay, PhD

9:30 AM
How Does the IRB Function and How to Get Approval for the First Time
Presenter: Priscilla Adler, MBA, CCRP

9:40 AM
Ethics of Human Subjects Research
Presenter: Charles Mackay, PhD

9:50 AM
FDA Audits
Presenter: Kate Dalton, MS, RD, CCRC

10:00 AM
Investigator-initiated Research: What Are Your Responsibilities?
Presenter: Roxana Mehran, MD, FACC, FSCAI

How to Build a Successful Clinical Research Program: Part II
10:10 a.m. – 11:00 a.m.
Session Moderators & Panelists: Alexandra Lansky, MD, FSCAI; Rebecca Torguson, MPH; David Cox, MD, FSCAI

10:10 AM  
**Tips on How to Increase Screening and Enrollment into Clinical Trials**  
Presenter: D. Christopher Metzger, MD, FSCAI

10:20 AM  
**Utilizing EMR’s to Maximize Screening Populations**  
Presenter: Petros Okubagzi, MD

10:30 AM  
**Challenges and Success of In and Out Patient-based Research Programs**  
Presenter: John Wang, MD, MSc, FSCAI

10:40 AM  
**How to Set-up a Successful Valve Clinical Research Program**  
Presenter: Susheel Kodali, MD, FSCAI

10:50 AM  
**Panel Discussion: How to Build a Successful Clinical Research Program**  
Moderator: Alexandra Lansky, MD, FSCAI  
Panel: Rebecca Torguson, MPH  
Panel: Petros Okubagzi, MD  
Panel: Kate Dalton, MS, RD, CCRC  
Panel: David Cox, MD, FSCAI

Clinical Trial Organizations  
11:00 a.m. – 12:20 p.m.

Session Moderators & Panelists: Rebecca Torguson, MPH; Donald Cutlip, MD, FSCAI; Sunil Rao, MD, FSCAI

11:00 AM  
**How to Write a Clinical Protocol**  
Presenter: Rebecca Torguson, MPH

11:10 AM  
**What Are the FDA Requirements for Submitting an IDE/IND?**  
Presenter: Andrew Farb, MD

11:20 AM  
**Clinical Trial Organizations: Roles and Responsibilities of CRO’s and ARO’s**  
Presenter: William Weintraub, MD

11:30 AM  
**The Adjudicators: CEC Essentials**  
Presenter: Donald Cutlip, MD, FSCAI

11:40 AM
Core Labs: A Crucial Component of Clinical Research
Presenter: Alexandra Lansky, MD, FSCAI

11:50 AM

Watching from Above: Role of the DSMB
Presenter: Ajay Kirtane, MD, SM

12:00 PM

Panel Discussion: Clinical Trial Organizations
Moderator: Rebecca Torguson, MPH
Panel: Donald Cutlip, MD, FSCAI
Panel: Ajay Kirtane, MD, SM
Panel: Alexandra Lansky, MD, FSCAI
Panel: Sunil Rao, MD, FSCAI

Meet the Editor (Lunch Symposium)
12:20 p.m. – 1:30 p.m.

Session Moderators & Panelists: Steven Bailey, MD, MSCAI; Cindy Grines, MD, FSCAI; Spencer King, MD, FSCAI; Ron Waksman, MD, FSCAI

12:20 PM
Lunch
12:30 PM
How to Get Your Paper Published in JACC
Presenter: Spencer King, MD, FSCAI

12:37 PM
Highlights of Catheterization and Cardiovascular Interventions
Presenter: Steven Bailey, MD, MSCAI

12:44 PM
Highlights from Journal of Interventional Cardiology
Presenter: Cindy Grines, MD, FSCAI

12:51 PM
How to Get your Paper Published in a Respectable Journal: The Author Perspective
Presenter: William Weintraub, MD

12:58 PM
Q&A with the Audience
1:15 PM
Break

Trial Designs, Statistical Considerations and Publications
1:30 p.m. – 2:30 p.m.

Session Moderators & Panelists: Zorina Galis, PhD; William Weintraub, MD

1:30 PM
Randomized vs. Observational Studies: Strengths and Weaknesses
Presenter: William Weintraub, MD

1:40 PM
How to Conduct Cost-effectiveness Studies
Presenter: David Cohen, MD, FSCAI

1:50 PM
Statistical Analytical Challenges
Presenter: Daniel Canos, PhD, MPH

2:00 PM
Conflict of Interest Issues: Balancing Industry Involvement
Presenter: George Vetrovec, MD, MSCAI

2:10 PM
How to Write a Scientific Manuscript and Get it Published
Presenter: Robert Byrne, MB BCh, PhD

2:20 PM
Panel Discussion: Trial Designs, Statistical Considerations and Publications
Moderator: William Weintraub, MD
Panel: Alexandra Lansky, MD, FSCAI
Panel: George Vetrovec, MD, MSCAI
Panel: Daniel Canos, PhD, MPH

Clinical Trial Interpretation: Pitfalls and Practical Lessons
2:30 p.m. – 3:25 p.m.

Session Moderators & Panelists: Ajay Kirtane, MD, SM; Allen Taylor, MD; John Somberg, MD

2:30 PM
Registry-based Randomized Trials
Presenter: Mitchell Krucoff, MD, FSCAI

2:40 PM
Sub-group Analyses and Data Interpretation
Presenter: Daniel Canos, PhD, MPH

2:50 PM
Practicalities and Misapplications of Composite Endpoints in Clinical Trials
Presenter: Ajay Kirtane, MD, SM
3:00 PM  
**The Role of Surrogate Endpoints in Clinical Trials**  
Presenter: Donald Cutlip, MD, FSCAI

3:10 PM  
**Panel Discussion: Clinical Trial Interpretation: Pitfalls and Practical Lessons**  
Moderator: Ajay Kirtane, MD, SM  
Panel: Donald Cutlip, MD, FSCAI  
Panel: Allen Taylor, MD  
Panel: John Somberg, MD  
Panel: Lilly Yue, PhD

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**How to Secure a Research Grant**  
3:25 p.m. – 4:45 p.m.

**Session Moderators & Panelists:** Jose Vargas, MD, PhD; David Cox, MD, FSCAI

3:25 PM  
**How to Build a Budget for Your Study**  
Presenter: Petros Okubagzi, MD

3:35 PM  
**How to Solicit a Grant from the Federal Government: Who Should We Apply To?**  
Presenter: Jose Vargas, MD, PhD

3:45 PM  
**NIH Funding 101**  
Presenter: Zorina Galis, PhD

3:55 PM  
**How to Secure an Industry Research Grant**  

4:05 PM  
**Contract Executed in Less than a Month: Is it Possible?**  
Presenter: Christina Stanger, MA, CRA

4:15 PM  
**Disparities in Enrollment into Clinical Trials**  
Presenter: Roxana Mehran, MD, FACC, FSCAI

4:25 PM  
**Panel Discussion: How to Secure a Research Grant**  
Panel: David Cox, MD, FSCAI  
Panel: Umberto Campia, MD, MS  
Panel: Christina Stanger, MA, CRA

4:35 PM  
**How to Innovate and Reduce the Pre-Clinical and Clinical Trials by Comparing Data and Building Virtual Patient Models**  
Presenter: Vizma Carver
FELLOWS CERTIFICATION COURSE

Monday, February 22, 2016
3:00 p.m. – 5:00 p.m.
Room: Congressional AB
Track: Satellite Symposia

Session Course Directors: Jeffrey Chambers, MD, FSCAI

3:00 PM
Diamondback 360 Coronary OAS Mechanism of Action
Presenter: Jeffrey Chambers, MD, FSCAI

Session 1: Didactic
3:15 p.m. – 4:00 p.m.

Session Moderators & Panelists: Jeffrey Chambers, MD, FSCAI

3:15 PM
ORBIT II Clinical Trial Results
Presenter: Jeffrey Chambers, MD, FSCAI

3:30 PM
Diamondback 360 Coronary OAS Pre-recorded Case Reviews and Panel Discussion
Panel: Jeffrey Chambers, MD, FSCAI
Panel: Arthur Lee, MD, FACC, FSCAI

Session 2: Hands-on Demo Training
4:00 p.m. – 5:00 p.m.

Session Moderators & Panelists:

4:00 PM
Device Set-up and Overview with CSI Engineering

4:30 PM
Treatment Techniques and Troubleshooting
Presenter: Arthur Lee, MD, FACC, FSCAI

INTERESTING CASES - CORONARY
Monday, February 22, 2016
11:30 a.m. – 12:30 p.m.
Room: Exhibit Hall
Track: Coronary

Session Course Directors: Israel Barbash, MD; Sa'ar Minha, MD; Ramon Quesada, MD, FSCAI; Adhir Shroff, MD, MPH

11:30 AM
Anterior STEMI Presenting with Left Main Occlusion
Presenter: Rodrigo Bagur, MD, PhD

11:40 AM
Coronary Aneurysm Treatment with Coiling and Stenting
Presenter: Evbu Enakpene, MD

11:50 AM
Left Main Perforation - A Cath Lab Nightmare
Presenter: Khaled Mandour, NHI, MSC

12:00 PM
Percutaneous Intervention of Anomalous LCX-modified Anchoring Wire Technique for STEMI Intervention
Presenter: Mayank Mittal, MD

12:10 PM
Beak-Like Ostium Lesion of LM in ACS: Similar Presentation, Different Etiology
Presenter: Jun Pu, MD, FESC

12:20 PM
Arrested Post-RCA Dissection After Stenting
Presenter: Ahmed Hassan Zaid

JAPAN FDA: JAPAN - US SYNERGIES IN THE SECOND DECADE
Monday, February 22, 2016
9:30 a.m. – 4:30 p.m.
Room: Hampton
Track: Technology & Innovation

Session Course Directors: Fumiaki Ikeno, MD; Mitchell Krucoff, MD, FSCAI

Opening Perspectives
9:30 a.m. – 10:30 a.m.

Session Moderators & Panelists: Kenneth Cavanaugh, PhD; Takahiro Uchida, MD, MSc; Fumiaki Ikeno, MD
9:30 AM
From “Device Lag” to Exportation of Novel Medical Devices: The “Abenomics” Perspective
Presenter: Fumiaki Ikeno, MD

9:45 AM
Objectives and Mechanisms of Global Regulatory Harmonization
Presenter: Melissa Torres, MBE, MSE

10:00 AM
Ways to Improve the Conduct of Clinical Studies in the US and Japan
Presenter: Bob Thatcher

10:15 AM
Impact of Harmonization by Doing HBD: Into the Second Decade
Presenter: Mitchell Krucoff, MD, FSCAI

Balancing Pre- and Post-market Data Collection: FDA
10:30 a.m. – 1:00 p.m.

Session Moderators & Panelists: Danica Marinac-Dabic, MD, PhD; Kazuo Sase, MD, PhD; Fumiaki Ikeno, MD

10:30 AM
Efforts of RAPID Project: Clinician View
Presenter: Schuyler Jones, MD

10:45 AM
Balancing Pre- and Post-market Data Collection: FDA

11:00 AM
Registry Project by National Clinical Database (NCD), Japan: Clinician View
Presenter: Hiraku Kumamaru, MD ScD

11:15 AM
The Project of Medical Information Database Infrastructure for Post-Marketing Drug Safety in Japan
Presenter: Yoshinori Takeuchi, DVM, PhD

11:30 AM
Discussion
Panel: Schuyler Jones, MD
Panel: Hiraku Kumamaru, MD ScD
Panel: Kohei Otsuki
Panel: Richard Rapoza, PhD
Panel: Yuka Suzuki, PhD
Panel: Yoshinori Takeuchi, DVM, PhD

12:00 PM
Lunch
Japan-US Synergies: Bioresorbable Stent, Novel Coronary Devices, Unsolved Issues and Challenges  
1:00 p.m. – 3:00 p.m.

Session Moderators & Panelists: Gary Thompson; Takafumi Ueno, MD, PhD; Fumiaki Ikeno, MD

1:00 PM
**US Academic View: Bioabsorbable Stent Benefit/Risk Compared to Other DES – Same or Different in Japan and US**
Presenter: Ron Waksman, MD, FSCAI

1:10 PM
**Japan Academic View: Bioabsorbable Stent Benefit/Risk Compared to Other DES – Same or Different in Japan and US**
Presenter: Yoshinobu Onuma, MD, PhD

1:20 PM
**Bioabsorbable Stent: Unsolved Issues and Challenges in US**
Presenter: Mitchell Krucoff, MD, FSCAI

1:30 PM
**Bioabsorbable Stent: Unsolved Issues and Challenges in Japan**
Presenter: Takashi Akasaka, MD, PhD

1:40 PM
**Bioabsorbable Stent Non-clinical Study: PMDA**
Presenter: Yuko Shirai

1:50 PM
**Bioabsorbable Stent Clinical Study: FDA**
Presenter: Patrick Magee

2:00 PM
**Discussion**
Panel: Takashi Akasaka, MD, PhD
Panel: Kenya Brothers, PhD
Panel: Mami Ho, MD
Panel: Michael John
Panel: Mitchell Krucoff, MD, FSCAI
Panel: Akiko Machara, MD
Panel: Hiroaki Miyata, PhD
Panel: Yoshinobu Onuma, MD, PhD
Panel: Yukio Ozaki, MD, PhD
Panel: Richard Rapoza, PhD
Panel: Akiko Maehara, MD
Panel: Hiroaki Miyata, PhD
Panel: Yoshinobu Onuma, MD, PhD
Panel: Yukio Ozaki, MD, PhD
Panel: Richard Rapoza, PhD
Panel: Yuko Shirai

2:30 PM
**Break**

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Japan-US Synergies: Optimal Design for Evaluation of Renal Denervation Devices

3:00 p.m. – 4:30 p.m.
Session Moderators & Panelists: Kenneth Cavanaugh, PhD; Hiroyoshi Yokoi, MD; Fumiaki Ikeno, MD

3:00 PM
Lessons Learned from SYMPLICITY HTN-3 Results for Further Clinical Trials
Presenter: Sidney Cohen, MD, PhD

3:10 PM
Optimal Design for Evaluation of Renal Denervation Devices: US Academia View
Presenter: David Kandzari, MD, FSCAI

3:20 PM
Optimal Design for Evaluation of Renal Denervation Devices: Japan Academia View
Presenter: Takafumi Ueno, MD, PhD

3:30 PM
Sham Operation and Other Points to Consider for Evaluation of Renal Denervation Devices: Japan Academia View
Presenter: Koji Ikeda, PhD

3:40 PM
Optimal Design for Evaluation of Renal Denervation Devices: FDA View
Presenter: Hiren Mistry, MSE

3:50 PM
Optimal Design for Evaluation of Renal Denervation Devices: PMDA View
Presenter: Kohei Otsuki

4:00 PM
Discussion: When Will Sham Operation Still be Required?
Panel: Kenneth Cavanaugh, PhD
Panel: David Kandzari, MD, FSCAI
Panel: Hiren Mistry, MSE
Panel: Hiroaki Miyata, PhD
Panel: Kohei Otsuki
Panel: Yuka Suzuki, PhD
Panel: Takahiro Uchida, MD, MSc

MASTERS TRANSRADIAL INTERVENTION
Monday, February 22, 2016
8:45 a.m. – 4:25 p.m.
Room: Diplomat
Track: Coronary

Session Course Directors: Ajay Kirtane, MD, SM; Mitchell Krucoff, MD, FSCAI; Sunil Rao, MD, FSCAI
Masters Sessions in Transradial Intervention
8:45 a.m. – 10:00 a.m.

Session Moderators & Panelists: Sunil Rao, MD, FSCAI

8:45 AM
Didactic I: Beginner, Intermediate, Advanced: Definition & Relevance of the Transradial Intervention (TRI) Learning Curve Beyond the Basics
Presenter: Sunil Rao, MD, FSCAI

8:55 AM
Live Case I
Operator: Ferdinand Kiemeneij, MD, PhD
Operator: Shigeru Saito, MD, FACC, FSCAI
Panel: Philippe Genereux, MD
Panel: Ajay Kirtane, MD, SM
Panel: Samir Pancholy, MD, FSCAI
Panel: Tejas Patel, MD, FSCAI
Panel: Ramon Quesada, MD, FSCAI
Panel: Sunil Rao, MD, FSCAI
Panel: Daniel Steinberg, MD, FSCAI

9:40 AM
Didactic II: Repeated Radial Access: Strategies for Preserving Patency
Presenter: Samir Pancholy, MD, FSCAI

9:50 AM
Panel Discussion
Panel: Philippe Genereux, MD
Moderator: Ajay Kirtane, MD, SM
Moderator: Mitchell Krucoff, MD, FSCAI
Panel: Samir Pancholy, MD, FSCAI
Panel: Ramon Quesada, MD, FSCAI
Panel: Sunil Rao, MD, FSCAI

Radial for Lesion Subsets
10:00 a.m. – 10:50 a.m.

Session Moderators & Panelists: Samir Pancholy, MD, FSCAI

10:00 AM
Didactic III: High-risk Patients with Severe Calcified Lesions: Is TRI a Safer and & Better Option?
Presenter: Mitchell Krucoff, MD, FSCAI

10:10 AM
Live Case II
Operator: Ferdinand Kiemeneij, MD, PhD
Operator: Tejas Patel, MD, FSCAI
Panel: Philippe Genereux, MD
Panel: Perwaiz Meraj, MD, FSCAI
Hot Topic Debate: Femoral or Radial for STEMI in the USA?
10:50 a.m. – 1:00 p.m.

Session Moderators & Panelists: James Blankenship, MD, MHCM, FSCAI; Daniel Steinberg, MD, FSCAI

10:50 AM
Debate: Enthusiasm Does Not a Gold Standard Re-make: Femoral is Best
Presenter: Ron Waksman, MD, FSCAI

11:00 AM
Debate: If I Am Having a STEMI, Stick Me in the Wrist: TRI is the New Gold Standard
Presenter: Christopher Pyne, MD

11:10 AM
Questions & Discussion
Panel: Philippe Genereux, MD
Moderator: Ajay Kirtane, MD, SM
Panel: Samir Pancholy, MD, FSCAI
Panel: Ramon Quesada, MD, FSCAI
Panel: Sunil Rao, MD, FSCAI
Panel: Daniel Steinberg, MD, FSCAI

11:20 AM
Live Case III
Operator: Shigeru Saito, MD, FACC, FSCAI
Operator: Tejas Patel, MD, FSCAI
Panel: Philippe Genereux, MD
Panel: Perwaiz Meraj, MD, FSCAI
Panel: Samir Pancholy, MD, FSCAI
Panel: Sunil Rao, MD, FSCAI
Panel: Daniel Steinberg, MD, FSCAI

12:00 PM
Power Break and Visit Exhibit Hall

My Most Complex Vascular Access Cases
1:00 p.m. – 2:30 p.m.

Session Moderators & Panelists: Olivier Bertrand, MD, PhD, FSCAI; Ian Gilchrist, MD, FSCAI

1:00 PM
Case Presentation I
1:10 PM  
**Case Presentation II**

1:20 PM  
**Didactic IV Lecture: Ulnar Access**
Presenter: Sasko Kedev, MD, PhD, FSCAI

1:30 PM  
**Lecture Didactic: Performing Right Heart Cath Using the Basilic Vein as Default**
Presenter: Edo Kaluski, MD, FSCAI

1:40 PM  
**Questions & Discussion**
Moderator: Olivier Bertrand, MD, PhD, FSCAI  
Moderator: Ian Gilchrist, MD, FSCAI  
Panel: Ferdinand Kiemeneij, MD, PhD  
Panel: Tejas Patel, MD, FSCAI  
Panel: Ramon Quesada, MD, FSCAI  
Panel: Howard Cohen, MD  
Panel: Sasko Kedev, MD, PhD, FSCAI  
Panel: Edo Kaluski, MD, FSCAI

1:50 PM  
**Live Case IV**
Operator: Tejas Patel, MD, FSCAI  
Operator: Shigeru Saito, MD, FACC, FSCAI  
Panel: Robert Gallino, MD  
Panel: Ajay Kirtane, MD, SM  
Panel: Robert Lager, MD  
Panel: Samir Pancholy, MD, FSCAI  
Panel: Ramon Quesada, MD, FSCAI  
Panel: Sunil Rao, MD, FSCAI  
Panel: Daniel Steinberg, MD, FSCAI

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**My Most Complex PCI**

2:30 p.m. – 3:40 p.m.

**Session Moderators & Panelists:** Ronald Caputo, MD, FSCAI; Howard Cohen, MD

2:30 PM  
**Radial Access for Endovascular Interventions (Carotids, Subclavian, Iliacs)**
Presenter: Sasko Kedev, MD, PhD, FSCAI

2:40 PM  
**Complex PCI Case Presentation I**
Presenter: Olivier Bertrand, MD, PhD, FSCAI

2:50 PM  
**Complex PCI Case Presentation II**
3:00 PM
**Complex PCI Case Presentation III**
Presenter: Adam Greenbaum, FACC, FSCAI

3:10 PM
**Break and Visit the Exhibit Hall**

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**My Worst Nightmares**
3:40 p.m. – 4:25 p.m.

**Session Moderators & Panelists:** Edo Kaluski, MD, FSCAI; Sasko Kedev, MD, PhD, FSCAI

3:40 PM
**Worst Nightmares Case Presentation I**
Presenter: Samir Pancholy, MD, FSCAI

3:50 PM
**Complications of Transradial Access**
Presenter: Mauricio Cohen, MD, FACC, FSCAI

4:00 PM
**Worst Nightmares Case Presentation II**
Presenter: Ronald Caputo, MD, FSCAI

4:10 PM
**Worst Nightmares Case Presentation III**
Presenter: Ian Gilchrist, MD, FSCAI

4:20 PM
**Closing Remarks**
Presenter: Mitchell Krucoff, MD, FSCAI

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**NEW PATHWAYS FOR COMPLEX INTERVENTION - EVENING SYMPOSIUM**
Monday, February 22, 2016
6:00 p.m. – 7:45 p.m.

**Room:** Palladian

**Track:** Satellite Symposia

**Session Course Directors:** Cindy Grines, MD, FSCAI; Jeffrey Moses, MD, FSCAI

6:00 PM
Evening Break
6:30 PM
Hemodynamic Support for High-Risk PCI and Complete Revascularization
Presenter: Ehtisham Mahmud, MD, FSCAI

6:45 PM
MitraClip: A Therapeutic Solution for Patients with Severe MR – Not a Candidate for Surgery
Presenter: Brijeshwar Maini, MD

7:00 PM
Unprotected Left Main Coronary Disease: Thoughtful Insights
Presenter: Jeffrey Moses, MD, FSCAI

7:15 PM
Will Bioresorbable Scaffold be Suitable for Complex Intervention?
Presenter: Azeem Latib, MD

7:30 PM
Panel Discussion
Moderator: David Rizik, MD, FSCAI
Panel: John Lasala, MD, PhD, FSCAI
Panel: Yoshinobu Onuma, MD, PhD

PCI MEET THE EXPERTS
Monday, February 22, 2016
5:00 p.m. – 6:00 p.m.
Room: Lobby Lounge
Track: Satellite Symposia

Session Course Directors: John Wang, MD, MSc, FSCAI; John Lasala, MD, PhD, FSCAI

5:00 PM
Heavy Thrombus Burden in PCI: A Dilemma
Presenter: Wael Abushokka, MD

5:10 PM
High-risk Left Main PCI with Impella Support in a Post-TAVR Patient
Presenter: Abdelkader Almanfi, MD, MRCP(UK)

SIMULATION SESSION
TRANSFORMATIVE TECHNOLOGY MAY IMPROVE CLINICAL OUTCOMES - EVENING SYMPOSIUM

Monday, February 22, 2016
6:00 p.m. – 7:45 p.m.
Room: Diplomat
Track: Satellite Symposia

Session Course Directors: Dean Kereiakes, MD, FACC, FSCAI; John Wang, MD, MSc, FSCAI

6:00 PM
Evening Break

6:20 PM
A Complex PCI with Synergy Stent
Presenter: John Wang, MD, MSc, FSCAI

6:30 PM
DES Evolution from First Generation to Third Generation DES with Biodegradable Polymers
Presenter: Dean Kereiakes, MD, FACC, FSCAI

6:45 PM
The Promise in the Technology and the Data of the LOTUS Valve Insight to Second-generation Valve Technology and the REPRISE Trials
Presenter: Ian Meredith AM, MBBS, BsC, PhD, FSCAI

7:00 PM
Interesting Case with the LOTUS Valve: How Will It Make A Difference?
Presenter: David Rizik, MD, FSCAI

7:10 PM
An Interesting Case Utilizing the WATCHMAN Device
Presenter: Maurice Buchbinder, MD, FSCAI

7:20 PM
Reducing Stroke in Patients with AF: Paradigm Shift with LAA Closure What Does the Future Hold?
Presenter: Sameer Gafoor, MD, FSCAI

7:35 PM
Roundtable Discussion with Q &A
VALVE-IN-VALVE - WORKING LUNCH
Monday, February 22, 2016
12:00 p.m. – 12:50 p.m.
Room: Blue Room
Track: Valve & Structural

Session Course Directors: Vinayak Bapat, FRCS(CTh); Danny Dvir, MD; Mayra Guerrero, MD, FACC, FSCAI; Samir Kapadia, MD, FSCAI; Ron Waksman, MD, FSCAI

12:00 PM
Lunch
12:10 PM
Keynote Lecture: The Essentials of Valve-in-Valve Aortic Position
Presenter: Vinayak Bapat, FRCS(CTh)

12:25 PM
Valve-in-Valve or Valve-in-Ring in Mitral Position
Presenter: Danny Dvir, MD

12:32 PM
Predictors and Prevention: Coronary Obstruction During Aortic Valve-in-Valve Therapy
Presenter: Rajendra Makkar, MD, FSCAI

12:39 PM
Experts Discussion and Question and Answer
Panel: Vinayak Bapat, FRCS(CTh)
Panel: Danny Dvir, MD
Panel: Mayra Guerrero, MD, FACC, FSCAI
Panel: Samir Kapadia, MD, FSCAI
Panel: Ron Waksman, MD, FSCAI

YOUNG LEADER ROUNDTABLE
Monday, February 22, 2016
6:00 p.m. – 7:20 p.m.
Room: Medtronic Suite
Track: Special Symposia
Tuesday, February 23, 2016

ABC SYMPOSIUM
Tuesday, February 23, 2016
12:30 p.m. – 1:45 p.m.
Room: Empire
Track: Special Symposia

Session Course Directors: Yele Aluko, MD, MBA

Inequalities in Interventional Cardiology: The Impact of Health Policy and Clinical Practice on Achieving Health Equity
12:30 p.m. – 1:45 p.m.

Session Moderators & Panelists: Yele Aluko, MD, MBA; Sara Collins, MD; Ron Waksman, MD, FSCAI

12:30 PM
Power Break
12:45 PM
Inequalities in the Use of TAVR
Presenter: David Holmes, MD, FSCAI

1:00 PM
Race, Socioeconomic Status, and Life Expectancy After AMI
Presenter: James Blankenship, MD, MHCM, FSCAI

1:15 PM
Keynote Presentation: Affordable Care Act
Keynote Speaker: Donna Brazile

1:35 PM
Discussion and Questions
Moderator: Yele Aluko, MD, MBA
Panel: James Blankenship, MD, MHCM, FSCAI
Panel: Donna Brazile
Panel: Sara Collins, MD
Panel: Conrad Smith, MD
1:45 PM
Adjourn

CARDIOTUBE INTERVIEWS
Tuesday, February 23, 2016
8:30 a.m. – 12:30 p.m.
Room: BirdCage
Track:

Session Course Directors: Steven Bailey, MD, MSCAI; Martin Rothman, MD, MB, ChB

CARDIOVASCULAR INNOVATIONS
Tuesday, February 23, 2016
7:00 a.m. – 3:15 p.m.
Room: Hampton
Track: Technology & Innovation

Session Course Directors: Steven Bailey, MD, MSCAI

Cardiovascular Innovations for CRT 2016 (Breakfast Symposium)
7:00 a.m. – 8:00 a.m.

Session Moderators & Panelists: Israel Barbash, MD; Edo Kaluski, MD, FSCAI; Robert Lederman, MD; Tim Fischell, MD, FSCAI

7:00 AM
Innovation I: First Clinical Experience with Targeted Renal Nerve Demodulation (TREND-I): Using a Neurotropic Agent for the Treatment of Sympathetic Hypertension
Presenter: Mark Wholey, MD

7:10 AM
Innovation II: Victory 1 – The First Polymer-free Long-Term Drug-eluting Stent
Presenter: Christiane Maues, MD

7:20 AM
Innovation III: The Use of the CrossLock™ Catheter in a Patient with Critical Limb Ischemia and a Popliteal Occlusion
Presenter: Rich Heuser, MD, FSCAI

7:30 AM
Innovation IV: Intravascular Assessment of Arterial Diseases Using Compensated Optical Coherence Tomography
Presenter: Nicolas Foin, MSc, PhD
7:40 AM

Innovation V: On-Demand Urgent Care
Presenter: Regina Druz, MD, FACC
7:50 AM
Break

A Great Time for Innovation
8:00 a.m. – 8:30 a.m.

Session Moderators & Panelists: Steven Bailey, MD, MSCAI; Rich Heuser, MD, FSCAI; Ehtisham Mahmud, MD, FSCAI
8:00 AM
Innovation in Healthcare: How They Will Impact Your Practice
Presenter: Rafael Beyar, MD, DSc
8:10 AM
What's Hot: So Many Things to Choose
Presenter: Steven Bailey, MD, MSCAI
8:20 AM
Is Being an Entrepreneur Inconsistent with Being a Physician?
Presenter: Martin Rothman, MD, MB, ChB

Cath Lab Innovations
8:30 a.m. – 9:30 a.m.

Session Moderators & Panelists: Steven Bailey, MD, MSCAI; Rich Heuser, MD, FSCAI; Ehtisham Mahmud, MD, FSCAI
8:30 AM
Percutaneous Biventricular Support for Cardiogenic Shock
Presenter: Navin Kapur, MD, FSCAI
8:40 AM
Applications of Augmented and Virtual Reality in the Cath Lab
Presenter: Christian Assad-Kottner, MD
8:50 AM
Robotic-PCI: Practical Considerations for Adoption of Robotics in your Cath Lab
Presenter: Ryan Madder, MD
9:00 AM
Robotically-assisted Peripheral Vascular Intervention
Presenter: Ehtisham Mahmud, MD, FSCAI

9:10 AM

New Support Catheters for Antegrade Crossing of CTOs: The Prodigy and CrossLock Catheters
Presenter: Rich Heuser, MD, FSCAI

9:20 AM

How to Detect and Measure Autonomic Signals from the Artery Lumen
Presenter: Robert Schwartz, MD, FSCAI

Imaging & Physiology-Assisted Angioplasty
9:30 a.m. – 10:40 a.m.

Session Moderators & Panelists: Hector Garcia-Garcia, MD, PhD; Ioannis Iakovou, MD, PhD; Ehtisham Mahmud, MD, FSCAI

9:30 AM

MRI Catheterization Update 2016
Presenter: Robert Lederman, MD

9:40 AM

NIRS-IVUS Imaging as an Aid to Anti-atherosclerotic Drug Development
Presenter: James Muller, MD

9:50 AM

Innovation in Co-registration
Presenter: Hector Garcia-Garcia, MD, PhD

10:00 AM

Emerging FFR Wire-based Technology
Presenter: Justin Davies, BSc, MBBS, PhD

10:10 AM

Your T-Shirt Recording Your Every QRS: Emerging Trends in Consumer Generated Data
Presenter: Kevin Maloy, MD

10:20 AM

Panel Discussion: Cath Lab of the Future – What Are Major Changes We Will See?
Panel: Hans Bonnier, MD, PhD, FSCAI
Panel: Rich Heuser, MD, FSCAI
Panel: Robert Lederman, MD
Panel: Ehtisham Mahmud, MD, FSCAI

The Best Innovation for CRT 2016
10:40 a.m. – 1:45 p.m.
**Session Moderators & Panelists:** Steven Bailey, MD, MSCAI; Israel Barbash, MD; Mark Bates, MD, DSc, FSCAI; Rafael Beyar, MD, DSc; Tim Fischell, MD, FSCAI; Edo Kaluski, MD, FSCAI; Robert Lederman, MD; Toby Rogers, MD; Martin Rothman, MD, MB, ChB; Israel Barbash, MD

10:40 AM

**Innovation I: Transcatheter Tricuspid Repair with the Trialign System**
Presenter: Scott Lim, MD

10:50 AM

**Innovation II: Contrast-sparing Guidewire Support Catheters to Reduce Incidence of Contrast-induced Nephropathy During Complex Interventions**
Presenter: Ronald Solar, PhD

11:00 AM

**Innovation III: Development of Miniature IVUS-OCT Sensor for Real-time Intravascular Imaging**
Presenter: Ram Ramilingam, 7016656

11:10 AM

**Innovation IV: Introduction of the Punctual Guidewire for Arterial and Venous Access**
Presenter: Rich Heuser, MD, FSCAI

11:20 AM

**Innovation V: The ORACLE™ Device: A New Snare for Removal of Thrombus**
Presenter: Rich Heuser, MD, FSCAI

11:32 AM

**Innovation VI: CardiAMP Autologous Cell Therapy with Companion Diagnostic**
Presenter: Peter Altman, PhD

11:50 AM

**Discussion and Announcement of the Best CRT 2016 Innovation Award**
Judge: Steven Bailey, MD, MSCAI
Judge: Israel Barbash, MD
Judge: Mark Bates, MD, DSc, FSCAI
Judge: Rafael Beyar, MD, DSc
Judge: Tim Fischell, MD, FSCAI
Judge: Edo Kaluski, MD, FSCAI
Judge: Robert Lederman, MD
Judge: Toby Rogers, MD
Judge: Martin Rothman, MD, MB, ChB

11:55 AM

**Audience Vote**

12:00 PM

**Low Frequency Ultrasound for a Calcific Aortic Valve**
Presenter: Daniel Hawkins, MBA

12:10 PM

**When Is an Idea an Innovation and When is an Innovation a Company?**
Presenter: Mark Bates, MD, DSc, FSCAI

12:20 PM
Innovation in Ventricular Assist Device
Presenter: Steven Boyce, MD

12:30 PM
Lunch and Visit the Exhibits (12:30 - 1:45 PM)

Potpourri of Israeli Cardiology: From Innovation to Practice
1:45 p.m. – 2:25 p.m.

Session Moderators & Panelists: Haim Danenberg, MD; Rafael Beyar, MD, DSc; Yuval Binur

1:45 PM
Israel Innovation in Cardiology: The Start-Up Nation
Presenter: Yuval Binur

1:55 PM
Mitral Innovations for Treating MR: The Israeli Experience
Presenter: Israel Barbash, MD

2:05 PM
A Novel Website for Innovation and New Technology: ICI INNOVATION
Presenter: Haim Danenberg, MD

2:15 PM
Apical Closure Devices
Presenter: Rafael Beyar, MD, DSc

MI2 at CRT
2:25 p.m. – 3:15 p.m.

Session Moderators & Panelists: Mark Smith; Raj Ratwani, PhD

2:25 PM
Emerging Trends in Consumer Generated Data
Presenter: Kevin Maloy, MD

2:35 PM
Research & Data Visualization
Presenter: Raj Ratwani, PhD

2:45 PM
Getting & Using Data
Presenter: Steven Rappaport, MD

2:55 PM
Panel Discussion: Data Informatics and Digital Gadgets – How They Will Impact Medicine

Panel: Raj Ratwani, PhD
Moderator: Mark Smith
Panel: Kevin Maloy, MD

3:15 PM
Adjourn

COMPLEX CORONARY INTERVENTIONS II
Tuesday, February 23, 2016
8:00 a.m. – 4:05 p.m.
Room: Regency
Track: Coronary

Session Course Directors: Maurice Buchbinder, MD, FSCAI; Spencer King, MD, FSCAI; Lowell Satler, MD, FSCAI; Ron Waksman, MD, FSCAI

Complex Coronary Interventions II
8:00 a.m. – 10:10 a.m.

Session Moderators & Panelists: Maurice Buchbinder, MD, FSCAI; Eberhard Grube, MD, FSCAI; Ian Meredith AM, MBBS, BsC, PhD, FSCAI; Ron Waksman, MD, FSCAI; Haim Danenberg, MD

8:00 AM
Live Case Demonstration from Milan
Operator: Antonio Colombo, MD, MSCAI
Moderator: Maurice Buchbinder, MD, FSCAI
Moderator: Ron Waksman, MD, FSCAI
Panel: Hans Bonnier, MD, PhD, FSCAI
Panel: Howard Cohen, MD
Panel: David Cox, MD, FSCAI
Panel: Eberhard Grube, MD, FSCAI
Panel: Spencer King, MD, FSCAI
Panel: Jacques Koolen, MD, PhD, FSCAI
Panel: Azeem Latib, MD
Panel: David Rizik, MD, FSCAI
Panel: Daniel Steinberg, MD, FSCAI

9:00 AM
Hemodynamic Support for High-risk PCI – 2016
Presenter: Navin Kapur, MD, FSCAI

9:10 AM
Live Case Demonstration – MedStar Washington Hospital Center
Moderator: Maurice Buchbinder, MD, FSCAI
Moderator: Eberhard Grube, MD, FSCAI
Moderator: Ron Waksman, MD, FSCAI
Digital Moderator: Haim Danenberg, MD
Panel: Hans Bonnier, MD, PhD, FSCAI
Panel: Michael Cowley, MD, MSCAI
Panel: David Cox, MD, FSCAI
Panel: Spencer King, MD, FSCAI
Panel: Jeffrey Moses, MD, FSCAI
Panel: Jason Ricci, MD, FACC, FSCAI
Panel: David Rizik, MD, FSCAI
Panel: Daniel Steinberg, MD, FSCAI

10:10 AM

Break

Complex Coronary Interventions: Complex Lesion Subsets
10:30 a.m. – 2:00 p.m.

Session Moderators & Panelists: Eberhard Grube, MD, FSCAI; Spencer King, MD, FSCAI; Jeffrey Moses, MD, FSCAI; Israel Barbash, MD

10:30 AM

Keynote Lecture: Multivessel PCI – Does the Second Generations DES Make a Difference?
Presenter: Jeffrey Moses, MD, FSCAI

10:40 AM

Multivessel PCI: The Surgical Approach Has Not Changed
Presenter: Michael Mack, MD

10:50 AM

How to Deal with the Appropriate Use Criteria for PCI
Presenter: James Blankenship, MD, MHCM, FSCAI

11:00 AM

Live Case Demonstration from Brussels, Belgium
Operator: Danny Schoors, MD, PhD
Moderator: Maurice Buchbinder, MD, FSCAI
Moderator: Michael Cowley, MD, MSCAI
Moderator: Ron Waksman, MD, FSCAI
Digital Moderator: Ayman Magd, MD, FSCAI
Panel: Hans Bonnier, MD, PhD, FSCAI
Panel: Howard Cohen, MD
Panel: David Cox, MD, FSCAI
Panel: Eberhard Grube, MD, FSCAI
Panel: Spencer King, MD, FSCAI
Panel: Jacques Koolen, MD, PhD, FSCAI
Panel: Ian Meredith AM, MBBS, BSc, PhD, FSCAI
Panel: Jeffrey Moses, MD, FSCAI
Panel: Fayaz Shawl, MD, FSCAI

11:30 AM
Live Case Demonstration from MedStar Washington Hospital Center - Washington, DC

Operator: Augusto Pichard, MD, FSCAI
Operator: Lowell Satler, MD, FSCAI
Moderator: Maurice Buchbinder, MD, FSCAI
Moderator: Michael Cowley, MD, MScAI
Moderator: Ron Waksman, MD, FSCAI
Panel: Hans Bonnier, MD, PhD, FSCAI
Panel: Howard Cohen, MD
Panel: David Cox, MD, FSCAI
Panel: Eberhard Grube, MD, FSCAI
Panel: Spencer King, MD, FSCAI
Panel: Jacques Koolen, MD, PhD, FSCAI
Panel: Ian Meredith AM, MBBS, BSc, PhD, FSCAI
Panel: Jeffrey Moses, MD, FSCAI
Panel: Srinli Naidu, MD, FSCAI
Panel: Jason Ricci, MD, FACC, FSCAI
Panel: Fayaz Shawl, MD, FSCAI
Panel: Daniel Steinberg, MD, FSCAI

12:15 PM

Management of Coronary Perforation in the Modern Era
Presenter: John Douglas, MD, FSCAI

12:25 PM

Thrombus Management in the Cath Lab
Presenter: David Cox, MD, FSCAI

12:35 PM

Lunch and Visit the Exhibits and Simulators

1:15 PM

Live Case Demonstration from MedStar Washington Hospital Center - Washington, DC

Operator: Augusto Pichard, MD, FSCAI
Operator: Lowell Satler, MD, FSCAI
Moderator: Michael Cowley, MD, MScAI
Moderator: John Douglas, MD, FSCAI
Moderator: Jeffrey Moses, MD, FSCAI
Panel: David Cox, MD, FSCAI
Panel: John Douglas, MD, FSCAI
Panel: Eberhard Grube, MD, FSCAI
Panel: Rich Heuser, MD, FSCAI
Panel: Jacques Koolen, MD, PhD, FSCAI
Panel: Ramon Quesada, MD, FSCAI
Panel: David Rizik, MD, FSCAI
Panel: Fayaz Shawl, MD, FSCAI

2:00 p.m. – 4:05 p.m.

Procedures to iMPACT Your Practice

Session Moderators & Panelists: Michael Cowley, MD, MScAI; David Cox, MD, FSCAI; Srinli Naidu, MD, FSCAI

2:00 PM
Bifurcation Stenting Step-by-Step: TAP or for Mini-Crush
Presenter: Ioannis Iakovou, MD, PhD
2:10 PM

How and When to Perform Alcohol Septal Ablation
Presenter: John Douglas, MD, FSCAI
2:20 PM

How to Support Cardiogenic Shock Patients
Presenter: John Lasala, MD, PhD, FSCAI
2:30 PM

Live Case Demonstration from MedStar Washington Hospital Center - Washington, DC
Operator: Augusto Pichard, MD, FSCAI
Operator: Lowell Satler, MD, FSCAI
Moderator: Michael Cowley, MD, MScAI
Moderator: David Cox, MD, FSCAI
Moderator: John Douglas, MD, FSCAI
Panel: Rich Heuser, MD, FSCAI
Panel: Jacques Koolen, MD, PhD, FSCAI
Panel: Jeffrey Moses, MD, FSCAI
Panel: Srihari Naidu, MD, FSCAI
Panel: Ramon Quesada, MD, FSCAI
Panel: Fayaz Shawl, MD, FSCAI
3:30 PM

Cath Lab Nightmares: Managing Someone Else's Complication
Presenter: John Douglas, MD, FSCAI
3:40 PM

Cath Lab Nightmares: How to Avoid the Worst Complication
Presenter: Itsik Ben-Dor, MD
3:50 PM

Cath Lab Catastrophes: Management and Preventive Strategies
Presenter: Fayaz Shawl, MD, FSCAI
4:00 PM

CRT 2016 Closing Remarks
Presenter: Ron Waksman, MD, FSCAI
4:05 PM
Adjourn
**Room:** Palladian  
**Track:** Endovascular

**Session Course Directors:** Nelson Bernardo, MD, FSCAI; D. Christopher Metzger, MD, FSCAI; Mark Wholey, MD; Edward Woo, MD

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**Embolic Protection and Filters**  
8:00 a.m. – 8:30 a.m.

**Session Moderators & Panelists:** D. Christopher Metzger, MD, FSCAI; Mark Wholey, MD; Nelson Bernardo, MD, FSCAI

8:00 AM  
**Welcome Remarks & Introduction**  
Presenter: Mark Wholey, MD

8:10 AM  
**Tips & Tricks in the Retrieval of a "Full" Distal Embolic Protection Filter**  
Presenter: D. Christopher Metzger, MD, FSCAI

8:20 AM  
**IVC Filter Placement - The Nuances and What to Watch Out For**  
Presenter: Frederick Beavers, MD

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**Vein Management**  
8:30 a.m. – 10:20 a.m.

**Session Moderators & Panelists:** Steve Abramowitz, MD; Kenneth Rosenfield, MD, MSCAI; Gregory Trachiotis, MD; Cameron Akbari, MD, MBA

8:30 AM  
**Catheter-based Treatment of Peripheral Venous Reflux Disease**  
Presenter: Misaki Kiguchi, MD, MBA

8:40 AM  
**Peripheral Venous Reflux - When is Surgical Intervention Necessary?**  
Presenter: Cameron Akbari, MD, MBA

8:50 AM  
**Catheter-based Treatment of DVT - Who and When?**  
Presenter: Leonardo Clavijo, MD, PhD, FSCAI

9:00 AM  
**Recanalization of Central Venous Total Occlusions**  
Presenter: Steve Abramowitz, MD

9:10 AM
Catheter-based Treatment of Pulmonary Embolism
Presenter: Kenneth Rosenfield, MD, MSCAI

9:20 AM
Live Case #5 from MedStar Washington Hospital Center - Washington, DC
Operator: Nelson Bernardo, MD, FSCAI
Moderator: Cameron Akbari, MD, MBA
Panel: Leonardo Clavijo, MD, PhD, FSCAI

10:05 AM
Break and Visit the Exhibit Hall

Aortic Disease & AAA
10:20 a.m. – 1:20 p.m.
Session Moderators & Panelists: Nelson Bernardo, MD, FSCAI; Gregory Trachiotis, MD; Edward Woo, MD; Christian Shults, MD

10:20 AM
Review of Currently Available Endografts and Basic Techniques for Implantation
Presenter: Steve Abramowitz, MD

10:30 AM
New and Exciting Devices on the Horizon
Presenter: Nelson Bernardo, MD, FSCAI

10:40 AM
Technique and Benefits of Cutdowns vs. Percutaneous Access
Presenter: Rajesh Malik

10:50 AM
Management of Type II Endoleaks
Presenter: Tareq Massimi, MD, RPVI

11:00 AM
Tips and Tricks for Snorkel/Chimney Procedures
Presenter: Edward Woo, MD

11:10 AM
Iliac Artery Aneurysm: What and How to Treat
Presenter: Misaki Kiguchi, MD, MBA

11:20 AM
Panel Discussion and Question & Answer
Moderator: Nelson Bernardo, MD, FSCAI
Moderator: Joseph Lombardi, MD
Moderator: Edward Woo, MD
Digital Moderator: Christian Shults, MD
Panel: Steve Abramowitz, MD
Panel: Misaki Kiguchi, MD, MBA
11:30 AM
**Live Case #6 from MedStar Washington Hospital Center - Washington, DC**
Operator: Nelson Bernardo, MD, FSCAI
Moderator: Edward Woo, MD
Panel: Christian Shults, MD

12:20 PM
**Lunch and Visit the Exhibit Hall**

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**Thoracic**
1:20 p.m. – 2:45 p.m.

**Session Moderators & Panelists:** Rajesh Malik; Christian Shults, MD; Gregory Trachiotis, MD

1:20 PM
**Spinal Cord Ischemia: Minimizing Risks and Treatments if it Happens**
Presenter: Jason Ricci, MD, FACC, FSCAI

1:30 PM
**Zone II TEVAR**
Presenter: Edward Woo, MD

1:40 PM
**Management of Acute Type B Dissections**
Presenter: Ali Azizzadeh, MD

1:50 PM
**Best Options for Treating Arch Aneurysms**

2:00 PM
**Treatment of Chronic Type B Dissections with Aneurysmal Degeneration**
Presenter: Joseph Lombardi, MD

2:10 PM
**Current and Future Therapies for Type A Dissections**

2:20 PM
**Panel Discussion and Question & Answer**
Moderator: Edward Woo, MD
Digital Moderator: Steve Abramowitz, MD
Panel: Christian Shults, MD

2:30 PM
**Complex Ostial Disease of the Aortic Arch Vessels**
Presenter: Christian Shults, MD

2:40 PM
Closing Remarks
Presenter: Edward Woo, MD

2:45 PM
Adjourn

CRT VALVE - STRUCTURAL INNOVATIONS
Tuesday, February 23, 2016
8:00 a.m. – 11:37 a.m.
Room: Diplomat
Track: Valve & Structural

Session Course Directors: Paul Corso, MD; Augusto Pichard, MD, FSCAI; Michael Reardon, MD; Ron Waksman, MD, FSCAI

Second and Third Generation Aortic Valve Systems
8:00 a.m. – 9:27 a.m.

Session Moderators & Panelists: Steven Goldberg, MD, FSCAI; Reginald Low, MD; Rajendra Makkar, MD, FSCAI; Kreton Mavromatis, MD

8:00 AM
The Direct-Flow Device: Design Iterations, Technology Improvements, Experiences with a Repositionable, and Self-Expanding Percutaneous Aortic Valve
Presenter: Isaac George, MD

8:08 AM
The Lotus Device: Next Generation Improvements – Lessons from the REPRISE Trials
Presenter: Ian Meredith AM, MBBS, BsC, PhD, FSCAI

8:16 AM
Claret Cerebral Protection Device Updates from the US FDA: Approved Sentinel TAVR Safety and Efficacy Study
Presenter: Axel Linke, MD

8:24 AM
JenaValve: Self-Expanding Aortic Valve for Pure Aortic Regurgitation
Presenter: Hans Figulla, MD, PhD

8:32 AM
Portico Self-Expanding Aortic Valve: Latest Iterations and Status of Trial
Presenter: Rajendra Makkar, MD, FSCAI

8:40 AM
CoreValve Evolut R Program
Presenter: Rhonda Robb, MBA, FSCAI
8:48 AM
**Sapien 3 Programme Update**  
Presenter: Martyn Thomas, MD, PhD

8:56 AM
**North American Experience with the ACURATE Neo Transfemoral Transcatheter Aortic Valve**  
Presenter: Rodrigo Bagur, MD, PhD

9:04 AM
**TAVR for Aortic Insufficiency**  
Presenter: Christopher Meduri, MD, MPH, FSCAI

9:12 AM
**Panel Discussion: What Are the Unmet Needs for the Next-Generation Aortic Valves?**  
Moderator: Hans Figulla, MD, PhD  
Moderator: Steven Goldberg, MD, FSCAI  
Panel: Axel Linke, MD  
Panel: Reginald Low, MD  
Panel: Rajendra Makkar, MD, FSCAI

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**Preventing Complications: Access and Closure**  
9:27 a.m. – 10:30 a.m.

**Session Moderators & Panelists:** Raoul Bonan, MD, FSCAI; Michael Reardon, MD; Rajendra Makkar, MD, FSCAI

9:27 AM
**Transfemoral Closure Devices**  
Presenter: Rajendra Makkar, MD, FSCAI

9:32 AM
**Update on Transcaval Access**  
Presenter: Robert Lederman, MD

9:37 AM
**New Devices for Stroke Prevention**  
Presenter: Raoul Bonan, MD, FSCAI

9:44 AM
**New Advances to Prevent Aortic Regurgitation**  
Presenter: Steven Goldberg, MD, FSCAI

9:51 AM
**Imaging Technologies for Accurate Position of the Valve**  
Presenter: Axel Linke, MD

9:58 AM
**Outcomes of Expanded Applications of TAVR Technology: AR, Bicuspid, MVR TR**  
Presenter: Charles Davidson, MD, FSCAI
10:06 AM
**Alternative Access Transapical Closure Devices**
Presenter: Michael Reardon, MD

10:13 AM
**Discussion: What is the Ideal Closure Device**

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**Pulmonic, Tricuspid, Patent Foramen Ovale, Left Atrial Appendage Occluders**
10:30 a.m. – 11:37 a.m.

**Session Moderators & Panelists:** Michael Slack, MD, FSCAI; Rebecca Hahn, MD

10:30 AM
**Pulmonic Valve Replacements**
Presenter: Michael Slack, MD, FSCAI

10:37 AM
**Percutaneous Annuloplasty for Tricuspid Regurgitation (Mitralign)**
Presenter: Rebecca Hahn, MD

10:44 AM
**New Tricuspid Valve Devices (Direct Flow Medical)**
Presenter: Azeem Latib, MD

10:52 AM
**Tricuspid Challenges and Solutions: The Edwards Program**
Presenter: Jinny Lee

11:00 AM
**Patent Foramen Ovale Devices and Trials Update: Are Current Data Sufficient for Approval?**
Presenter: Steven Goldberg, MD, FSCAI

11:08 AM
**Patent Foramen Ovale Closure: Review of the Trials for Migraine**
Presenter: William Gray, MD, FSCAI

11:16 AM
**Anticoagulation Protocols Post Left Atrial Appendage Closures**
Presenter: Sameer Gafoor, MD, FSCAI

11:24 AM
**Discussion and Q&A with Presenters**

11:37 AM
**Adjourn and Lunch Break**
FDA TOWN HALL  
Tuesday, February 23, 2016  
8:15 a.m. – 4:00 p.m.  
Room: Blue Room  
Track: Technology & Innovation  

Session Course Directors: Mitchell Krucoff, MD, FSCAI; Ron Waksman, MD, FSCAI; Bram Zuckerman, MD  

Launching a National Medical Device Evaluation System  
8:15 a.m. – 10:00 a.m.  

Session Moderators & Panelists: Mitchell Krucoff, MD, FSCAI; Gregory Pappas; Ron Waksman, MD, FSCAI  

8:15 AM  
State of the CDRH Union  
Presenter: William Maisel, MD, MPH  

8:30 AM  
FDA Perspective on a National Medical Device Evaluation System  
Presenter: Gregory Pappas  

8:45 AM  
Medical Device Registry Task Force Recommendations and Next Steps  
Presenter: Mitchell Krucoff, MD, FSCAI  

9:00 AM  
Planning Board Recommendations and Next Steps  
9:15 AM  
Discussion  
Panel: Owen Faris, PhD  
Panel: David Holmes, MD, FSCAI  
Panel: Mitchell Krucoff, MD, FSCAI  
Panel: Michael Mack, MD  
Panel: William Maisel, MD, MPH  
Panel: Danica Marinac-Dabic, MD, PhD  
Panel: Martin Rothman, MD, MB, ChB  

9:45 AM  
Break  

Overcoming USA Research Barriers in 2016  
10:00 a.m. – 11:00 a.m.  

Session Moderators & Panelists: Mitchell Krucoff, MD, FSCAI; Bram Zuckerman, MD; Joseph Chin, MD, MS; David Cohen, MD, FSCAI
10:00 AM
Perspectives on IDE Decision-making
Presenter: Owen Faris, PhD

10:10 AM
Medical Device Innovation Consortium (MDIC): Focus and Collaboration on Regulatory Science
Presenter: Michael Minogue

10:20 AM
Economic and Claims Data for Endpoint Ascertainment
Presenter: Tamara Syrek Jensen, JD

10:30 AM
Third Party Payers and Research Enrollment: Ongoing Challenges
Presenter: Aaron Kaplan, MD, FSCAI

10:40 AM
Discussion
Panel: David Cohen, MD, FSCAI
Panel: Owen Faris, PhD
Panel: Rosemarie Hakim, PhD
Panel: Louis Jacques, MD
Panel: Roxana Mehran, MD, FACC, FSCAI
Panel: Charles Simonton, MD, FSCAI
Panel: Mitchell Sugarman, MBA
Panel: Tamara Syrek Jensen, JD
Panel: Craig Thompson, MD, FSCAI

Registry-based Trials and Device Benefit/Risk: Supporting Regulatory Decisions and Best Practice Guidelines
11:00 a.m. – 12:00 p.m.
Session Moderators & Panelists: Matthew Hillebrenner, MSE; Roxana Mehran, MD, FACC, FSCAI

11:00 AM
Registry-based Pre- and Post-market IDE Studies: The FDA View
Presenter: John Laschinger, MD

11:10 AM
Making Registries Reliable
Presenter: John Rumsfeld, MD, PhD

11:20 AM
Novel Study Design for Expanded Indications: SAFE STEMI for Seniors
Presenter: David Kong, MD, AM

11:30 AM
Valve Case Study: Registry Support of Both IDE and Surveillance Applications
Presenter: Danica Marinac-Dabic, MD, PhD
The Early Access PMA Program
Presenter: Owen Faris, PhD

11:50 AM
Discussion
Panel: Keith Dawkins, MD, FSCAI
Panel: Andrew Farb, MD
Panel: Owen Faris, PhD
Panel: David Kong, MD, AM
Panel: John Laschinger, MD
Panel: Michael Mack, MD
Panel: William Maisel, MD, MPH
Panel: Danica Marinac-Dabic, MD, PhD
Panel: Tamara Syrek Jensen, JD
Panel: Larry Wood
Panel: Gary Thompson

The Changing Landscape of Medical Device Innovation: Bridging Clinical Care, Research Methods, and Infrastructure (NON-CME, Sponsored by Cordis, a Cardinal Health Company)
12:00 p.m. – 1:30 p.m.

Session Moderators & Panelists: Stuart Seides, MD, FSCAI; Ron Waksman, MD, FSCAI

12:00 PM
Break
12:15 PM
Keynote Address: Re-envisioning Clinical Evidence for New Therapeutics (including 10 minutes Q&A)
Presenter: Robert Califf, MD

12:45 PM
Healthcare Economics – How Industry Copes with the Changes
Presenter: Don Casey

1:00 PM
Healthcare Economics: How Hospitals Cope with the Changes
Presenter: Stuart Seides, MD, FSCAI

1:10 PM
How is the Street Reacting to Recent Healthcare Policy Changes
Presenter: Rick Wise

1:20 PM
Break

Advancing the Early Feasibility Study Envelope in the USA
1:30 p.m. – 2:30 p.m.

Session Moderators & Panelists: Matthew Hillebrenner, MSE; Aaron Kaplan, MD, FSCAI; Rochelle Fink, MD, JD

1:30 PM
Early Feasibility Studies - an FDA Update
Presenter: Andrew Farb, MD

1:40 PM
Early Feasibility Experience – an Industry View
Presenter: Rick Geoffrion

1:50 PM
Early Feasibility in the USA – an Academic View
Presenter: Ron Waksman, MD, FSCAI

2:00 PM
Discussion
Panel: Dorothy Abel, BSBME
Panel: Yuval Binur
Panel: Andrew Farb, MD
Panel: Daniel Lemaitre
Panel: Hasan Semih Oktay, PhD
Panel: Stanton Rowe
Panel: Mark Turco, MD
Panel: Ron Waksman, MD, FSCAI
Panel: Changfu Wu, PhD

Evaluating DES for High-risk DAPT Patients
2:30 p.m. – 4:00 p.m.

Session Moderators & Panelists: Mitchell Krucoff, MD, FSCAI; Ron Waksman, MD, FSCAI; Bram Zuckerman, MD

2:30 PM
Adjunctive DAPT Labelling for DES - an FDA View
Presenter: Andrew Farb, MD

2:40 PM
Can We Define High-risk DAPT Patients in USA Practice?
Presenter: Roxana Mehran, MD, FACC, FSCAI

2:50 PM
EU Experience with 30-day DAPT – Challenges and Execution of Pivotal Trials
Presenter: Philip Urban, MD

3:00 PM
The Long and Short of DAPT – an Industry View
Presenter: Craig Thompson, MD, FSCAI
3:10 PM
Discussion
Panel: Jose Calle Gordo
Panel: Michael John
Panel: Ajay Kirtane, MD, SM
Panel: Roxana Mehran, MD, FACC, FSCAI
Panel: Stephen Rowland, PhD
Panel: Charles Simonton, MD, FSCAI
Panel: Craig Thompson, MD, FSCAI
Panel: Philip Urban, MD
Panel: Roseann White, MA
Panel: Bram Zuckerman, MD

3:30 PM
Final Comments and Wrap-up
Panel: Mitchell Krucoff, MD, FSCAI
Panel: Ron Waksman, MD, FSCAI
Panel: Bram Zuckerman, MD

4:00 PM
Adjourn

INTERESTING CASES - VALVE & STRUCTURAL
Tuesday, February 23, 2016
11:30 a.m. – 12:15 p.m.
Room: Exhibit Hall
Track: Valve & Structural

Session Course Directors: Elias Haddad, MD; Navin Kapur, MD, FSCAI; Thomas Pilgrim, MD; Daniel Steinberg, MD, FSCAI

11:30 AM
Percutaneous Transcatheter Closure of Prosthetic Mitral Valve Paravalvular Leak via Transapical Access and Transapical Closure Failure
Presenter: J Raider Estrada, MD

11:41 AM
Unexpected LM Occlusion During SAPIEN 3 Deployment Despite Adequate Coronary Ostia Height
Presenter: Rose Hansen, DNP

11:52 AM
Alcohol Septal Ablation for HOCM Complicated by a Highly Tortuous Septal Artery
Presenter: Gareth Rosser, MBBS, BSC

12:03 PM
Burned Coronaries - Imaging Insights into Acute STEMI from Thermal Injury of Coronary Artery Complicating Radiofrequency Ablation of VT
Presenter: Kapil Yadav
LEFT ATRIAL APPENDAGE CLOSURE WORKSHOP
Tuesday, February 23, 2016
12:30 p.m. – 3:20 p.m.
Room: Diplomat
Track: Satellite Symposia

Session Course Directors: Ramon Quesada, MD, FSCAI

12:30 PM
Live/Taped Case, MedStar Washington Hospital Center – Washington, DC
Presenter: Brijeshwar Maini, MD
Panel: Maurice Buchbinder, MD, FSCAI
Panel: Sameer Gafoor, MD, FSCAI
Panel: Ramon Quesada, MD, FSCAI

1:10 PM
LAA: Who and When
Presenter: David Holmes, MD, FSCAI

1:20 PM
Parade of Devices for Left Atrial Appendage Closure
Presenter: Horst Sievert, MD, FSCAI

1:30 PM
How to Develop a Successful LAAC Program
Presenter: Brijeshwar Maini, MD

1:40 PM
LAAC with the WATCHMAN Device: What You Should Watch Out For
Presenter: Sameer Gafoor, MD, FSCAI

1:50 PM
Anatomy of the Left Atrial Appendage: What You Need to Know
Presenter: Elena Ladich, MD

2:00 PM
How to Screen Patients for Left Atrial Appendage Closure
Presenter: Maurice Buchbinder, MD, FSCAI

2:10 PM
Imaging Assist LAA Deployment: What Are the Essentials?
Presenter: Rebecca Hahn, MD
2:20 PM
The WATCHMAN Procedure Description: Step-by-Step
Presenter: Brijeshwar Maini, MD

2:30 PM
The Essential Imaging Tools for Left Atrial Appendage Closure
Presenter: Steven Goldstein, MD

2:40 PM
Cost-effectiveness of LAA Closure vs. NOAC
Presenter: Sameer Gafoor, MD, FSCAI

2:50 PM
Reimbursement for LAA Closure: What You Need To Know
Presenter: Megan Coylewright, MD, MPH

3:00 PM
LAA Closure: New Studies and Reimbursement Status
Presenter: Keith Dawkins, MD, FSCAI

3:10 PM
Question & Answer
Moderator: Ramon Quesada, MD, FSCAI
Panel: Maurice Buchbinder, MD, FSCAI
Panel: Sameer Gafoor, MD, FSCAI
Panel: Elena Ladich, MD

3:20 PM
Adjourn

RENAL DENERVATION AND HYPERTENSION THERAPIES
Tuesday, February 23, 2016
6:45 a.m. – 12:30 p.m.
Room: Empire
Track: Technology & Innovation

Session Course Directors: Vasilios Papademetriou, MD, Dsc; Robert Schwartz, MD, FSCAI; Horst Sievert, MD, FSCAI

Renal Denervation Treatment for Resistant Hypertension: Innovative Technology Update
6:45 a.m. – 8:00 a.m.

Session Moderators & Panelists: Robert Schwartz, MD, FSCAI; Horst Sievert, MD, FSCAI
6:45 AM
Breakfast

7:00 AM
Denervx Microwave for Denervation
Presenter: Stephan Bertog, MD

7:07 AM
Second Generation Symplicity Catheter: Will It Make a Difference?
Presenter: Justin Davies, BSc, MBBS, PhD

7:14 AM
External Ultrasound Technology Update and Clinical Trial
Presenter: Eberhard Grube, MD, FSCAI

7:21 AM
Chemical Renal Denervation with Ethanol: First Report of Clinical Trial
Presenter: Tim Fischell, MD, FSCAI

7:30 AM
A Self-expanding Carotid Implant
Presenter: William Gray, MD, FSCAI

7:40 AM
Baroreceptor Reflex Stimulation
Presenter: Sameer Gafoor, MD, FSCAI

7:50 AM
Early Clinical Results with the Afferently Directed Non-vascular Renal Denervation System
Presenter: Rich Heuser, MD, FSCAI

Hypertension Definition, Pathophysiology, New Targets and Medical Therapy
8:00 a.m. – 9:10 a.m.

**Session Moderators & Panelists:** Robert Schwartz, MD, FSCAI; Horst Sievert, MD, FSCAI; Judith Veis, MD

8:00 AM
Hypertension Basics for Definition and Prevalence: Are Drugs Doing the Job?
Presenter: Judith Veis, MD

8:10 AM
Uncontrolled Hypertension vs.Resistant Hypertension: Prevalence, Prognosis, and Treatment
Presenter: Michael Weber, MD

8:20 AM
New Targets for Optimal Blood Pressure after SPRINT
Presenter: Lawrence Fine
8:30 AM  
**Ethnic/Racial Subsets and HTN Differences**  
Presenter: John Flack

8:40 AM  
**Impact of Baseline Blood Pressure and Age on Controlling Blood Pressure**

8:50 AM  
**Roundtable Moderated Discussion: Is There an Unmet Need for Device Based Renal Denervation?**  
Moderator: John Flack  
Panel: Stephan Bertog, MD  
Panel: Justin Davies, BSc, MBBS, PhD  
Panel: Vasilios Papademetriou, MD, Dsc  
Panel: Horst Sievert, MD, FSCAI  
Panel: Michael Weber, MD

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**New Preclinical Findings that May Impact Outcome of Renal Denervation**  
9:10 a.m. – 10:00 a.m.

**Session Moderators & Panelists:** Krishna Rocha-Singh, MD, FSCAI; Robert Schwartz, MD, FSCAI; Horst Sievert, MD, FSCAI

9:10 AM  
Presenter: Elena Ladich, MD

9:17 AM  
**Is There a Threshold for Tissue NEPI Reduction?**  
Presenter: Abraham Tzafriri, PhD

9:24 AM  
**Evolution of Renal Denervation: Locations Number of Ablation, Accessory Renal Arteries**  
Presenter: Justin Davies, BSc, MBBS, PhD

9:31 AM  
**Is Mapping of the Renal Nerve Feasible?**  
Presenter: Robert Schwartz, MD, FSCAI

9:38 AM  
**Roundtable Panel Discussion: How Should the RDN Procedure Evolve Based on the Latest Findings?**  
Moderator: Zorina Galis, PhD  
Panel: Michael Joner, MD  
Panel: Vasilios Papademetriou, MD, Dsc  
Panel: Krishna Rocha-Singh, MD, FSCAI  
Panel: Robert Schwartz, MD, FSCAI  
Panel: Renu Virmani, MD

9:45 AM  
**Break and Visit the Exhibit Hall**
Renal Denervation: New Data and Clinical Trial Design Update
10:00 a.m. – 12:30 p.m.

Session Moderators & Panelists: Ajay Kirtane, MD, SM; Felix Mahfoud, MD; Misti Malone; Vasilios Papademetriou, MD, Dsc

10:00 AM
Long-term Outcome of OUS Renal Denervation Trials
Presenter: Felix Mahfoud, MD

10:10 AM
SYMPLICITY 3 Long-term Outcome and Lessons Learned
Presenter: Ajay Kirtane, MD, SM

10:20 AM
Status of Renal Denervation Studies for Indications Beyond Hypertension, CHF, CKD, Sleep Apnea
Presenter: Justin Davies, BSc, MBBS, PhD

10:30 AM
Update on SPYRAL HTN Global Studies and Rationale for New Study Design
Presenter: Felix Mahfoud, MD

10:37 AM
Update on REINFORCE Study Rationale for Study Design
Presenter: Michael Weber, MD

10:44 AM
ReCor’s Trial Program
Presenter: Ajay Kirtane, MD, SM

10:51 AM
Long-term Outcome and Update on the ENLIGHTEN Study
Presenter: Vasilios Papademetriou, MD, Dsc

10:58 AM
Update on the CFDA Registration/Pivotal Trial
Presenter: Jie Wang, MD, PhD

11:05 AM
Renal Denervation for the Treatment of Pulmonary Hypertension
Presenter: Shaoliang Chen, MD

11:19 AM
Is There an Unmet Need for Device Treatment for Moderate Hypertension?
Presenter: Brent Egan, MD

11:26 AM
What are the FDA Parameters for Successful Study Design for Device Approval for Hypertension Therapy?
Presenter: Hiren Mistry, MSE

11:27 AM
What is the Optimal Device Trial Design for Hypertension Therapy?
Presenter: Michael Weber, MD

11:40 AM

US Preventive Services Task Force Recommendation on ABPM Rationale/Potential Implications
Presenter: Michael Weber, MD

11:47 AM

How Do I Treat Today’s Patients with Resistant Hypertension in My Practice?
Presenter: Horst Sievert, MD, FSCAI

11:48 AM

What Are the Primary Endpoints for Controlling Hypertension? Office vs. Ambulatory BP
Presenter: Felix Mahfoud, MD

11:54 AM

Why is There US Apathy Towards ABPM: Low Reimbursement or Cognitive Dissonance?
Presenter: Krishna Rocha-Singh, MD, FSCAI

12:01 PM

Cost-effectiveness in Moderate HTN Population
Presenter: Brent Egan, MD

12:08 PM

Panel Discussion: What Does the Future Hold for Renal Denervation?
Moderator: Krishna Rocha-Singh, MD, FSCAI
Moderator: Ron Waksman, MD, FSCAI
Panel: Justin Davies, BSc, MBBS, PhD
Panel: Felix Mahfoud, MD
Panel: Vasilios Papademetriou, MD, Dsc
Panel: Jie Wang, MD, PhD

12:30 PM

Adjourn

SIMULATION SESSION
Tuesday, February 23, 2016
9:00 a.m. – 11:00 a.m.
Room: Exhibit Hall
Track: 

Session Course Directors: