

# Transcatheter Cardiovascular Therapeutics (TCT) 2014 Agenda

Last updated on September 14, 2014 at 9:05 pm

## Friday, September 12, 2014

### Hands-on TAVR Imaging

Friday, September 12

8:00 AM - 5:30 PM

Room: Level 1, Room 103A

**8:00 AM - 5:30 PM**

#### Hands-on TAVR Imaging

**Moderators:** Susheel Kodali, Jonathon A. Leipsic  
Philipp Blanke, Rolf Raaijmakers

8:00 AM

#### Introduction

Jonathon A. Leipsic

8:05 AM

#### Workstation Buttonology

**Moderator:** Rolf Raaijmakers

8:30 AM

#### How CT has Changed my Approach to TAVR

Susheel Kodali

8:50 AM

#### MDCT for Annular Sizing

Susheel Kodali, Jonathon A. Leipsic

9:10 AM

#### CT Case Reviews: Initial Review of Annular and Root Assessments and Discussion of Sizing

**Case Presenters:** Philipp Blanke, Jonathon A. Leipsic

12:00 PM

#### Lunch Break

1:00 PM

#### Everything but the Annulus

**Case Presenter:** Philipp Blanke

1:30 PM

#### Continuation of CT Interpretation

**Case Presenter:** Jonathon A. Leipsic

3:00 PM

#### Break

3:15 PM

#### Annular Rupture and Coronary Occlusion Prediction by CT

Jonathon A. Leipsic

3:45 PM

#### CT Case Reviews

**Discussant:** Philipp Blanke

**Case Presenter:** Jonathon A. Leipsic

### Special Session: ABCs of Interventional Cardiology 2014: An Introductory Course

Friday, September 12

12:00 PM - 5:00 PM

Room: Level 1, Room 102A/B

**12:00 PM - 1:30 PM**

#### Session I. Basics of Cardiac Anatomy and Angiography

**Moderators:** George D. Dangas, Vijay Kunadian

**Digital Moderator:** Stamatios Lerakis

**Discussants:** Ziad A. Ali, Hemal Gada, Philippe Généreux, Robert T. Pyo

12:00 PM

#### Cardiac and Coronary Anatomy

Vijay Kunadian

12:12 PM

#### Discussion with Audience Q&A

12:15 PM	<b>Right Heart Catheterization: Technique and Hemodynamics</b> Robert T. Pyo
12:27 PM	<b>Discussion with Audience Q&amp;A</b>
12:30 PM	<b>Left Heart Catheterization: Technique and Hemodynamics</b> Hemal Gada
12:42 PM	<b>Discussion with Audience Q&amp;A</b>
12:45 PM	<b>Coronary Angiography I: Basic Technique and Interpretation</b> Vijay Kunadian
12:57 PM	<b>Discussion with Audience Q&amp;A</b>
1:00 PM	<b>Coronary Angiography II: Artifacts and Pitfalls</b> Philippe Généreux
1:12 PM	<b>Discussion with Audience Q&amp;A</b>
1:15 PM	<b>Intravascular Imaging: Core Concepts</b> Ziad A. Ali
1:27 PM	<b>Discussion with Audience Q&amp;A</b>

**1:30 PM - 1:45 PM**      **Break**

**1:45 PM - 3:15 PM**      **Session II. Basics of Cardiovascular Pathophysiology**

**Moderators:** Greg L. Kaluza, Manish A. Parikh  
**Digital Moderator:** Varinder P. Singh  
**Discussants:** Ziad A. Ali, Allen Jeremias, Michael C. Kim

1:45 PM	<b>Coronary Artery Disease: Pathology and Pathogenesis</b> Greg L. Kaluza
1:57 PM	<b>Discussion with Audience Q&amp;A</b>
2:00 PM	<b>Coronary Pathophysiology and FFR</b> Allen Jeremias
2:12 PM	<b>Discussion with Audience Q&amp;A</b>
2:15 PM	<b>Acute Coronary Syndromes: NSTEMI</b> Ziad A. Ali
2:27 PM	<b>Discussion with Audience Q&amp;A</b>
2:30 PM	<b>Acute Coronary Syndromes: STEMI</b> Michael C. Kim
2:42 PM	<b>Discussion with Audience Q&amp;A</b>
2:45 PM	<b>Valvular Heart Disease for the Interventionalist</b> Nicola Corvaja
2:57 PM	<b>Discussion with Audience Q&amp;A</b>
3:00 PM	<b>CHF and Cardiomyopathy</b> Allen Jeremias
3:12 PM	<b>Discussion with Audience Q&amp;A</b>

**3:15 PM - 3:30 PM**      **Break**

**3:30 PM - 5:00 PM**      **Session III. Introduction to Coronary Angioplasty and Stenting**

**Moderators:** Manish A. Parikh, Robert T. Pyo  
**Digital Moderator:** Jonathan Feig  
**Discussants:** Ziad A. Ali, Davide Capodanno

3:30 PM	<b>Cath Lab Room Setup</b> Manish A. Parikh
3:42 PM	<b>Discussion with Audience Q&amp;A</b>
3:45 PM	<b>Vascular Access Routes and Technique</b> Robert T. Pyo

3:57 PM	<b>Discussion with Audience Q&amp;A</b>
4:00 PM	<b>Guiding Catheters, Wires, and Balloons: Equipment and Results</b> Manish A. Parikh
4:12 PM	<b>Discussion with Audience Q&amp;A</b>
4:15 PM	<b>Atherotomy, Atherectomy, and Embolic Protection</b> Davide Capodanno
4:27 PM	<b>Discussion with Audience Q&amp;A</b>
4:30 PM	<b>DES Systems and Outcomes</b> Ziad A. Ali
4:42 PM	<b>Discussion with Audience Q&amp;A</b>
4:45 PM	<b>Basics of Interventional Pharmacology</b> Piera Capranzano
4:57 PM	<b>Discussion with Audience Q&amp;A</b>

## Saturday, September 13, 2014

### Main Arena I, Saturday, Sept. 13

Accreditation: CME/CNE

Saturday, September 13  
8:00 AM - 2:00 PM  
Room: Level 3, Ballroom

#### 8:00 AM - 9:30 AM

#### Plenary Session I: Live Cases I

**Live Case Moderator:** Gregg W. Stone

**Live Case Co-Moderator:** Alain G. Cribier

**Digital Moderator:** Jorge A. Belardi

**Live Case Discussants:** Giulio Guagliumi, Timothy D. Henry, Jean-Claude Laborde, Martin B. Leon, William L. Lombardi, Raj Makkar, Jeffrey W. Moses, Carlos Pedra, Augusto D. Pichard, Alan C. Yeung, David X. Zhao

**Digital Panelists:** Jose A. Alvarez, John C. Messenger

8:00 AM **NewYork-Presbyterian Hospital/Columbia University Medical Center, New York, NY**

8:45 AM **Fu Wai Hospital, National Center for Cardiovascular Diseases, Beijing, China**

#### 9:30 AM - 9:45 AM

#### Plenary Session II: TCT 2014 – Preparing for the Future!

9:30 AM **Opening Video**

9:40 AM **Introductory Remarks**  
Martin B. Leon, Gregg W. Stone

#### 9:45 AM - 10:45 AM

#### Plenary Session III: Healthcare Economics and Medical Innovation

**Moderators:** Juan F. Granada, Jack C. Lewin

**Digital Moderator:** William S. Weintraub

**Discussants:** Louis A. Cannon, David J. Cohen, Peter J. Fitzgerald, Eric Le Royer, Martin B. Leon, Frank Litvack, Uwe E. Reinhardt, Jeffrey Shuren

**Digital Panelists:** Nabil Dib, Ross Prpic

9:45 AM -  
10:30 AM **Keynote Lectures**

9:45 AM **The Realities of Healthcare Economics: Global and US Perspectives**  
**Keynote Speaker:** Uwe E. Reinhardt

10:15 AM **Can Regulation and Innovation Coexist and Flourish?**  
**Keynote Speaker:** Jeffrey Shuren

10:30 AM **Roundtable Discussion**

10:45 AM - 11:00 AM

Plenary Session IV

10:45 AM **TCT 2014 Career Achievement Award**  
**Award Presenters:** Martin B. Leon, Gregg W. Stone  
**Award Recipient:** Michael J. Mack

11:00 AM - 12:00 PM

Plenary Session V: Late-Breaking Clinical Trials #1

**Moderator:** Patrick W. Serruys  
**Digital Moderator:** David J. Cohen  
**Discussants:** Ralph G. Brindis, Anthony N. DeMaria, John G. Harold, David R. Holmes Jr., Michael J. Mack, Raj Makkar, Jeffrey J. Popma, Michael J. Reardon, David E. Thaler  
**Digital Panelists:** Nicola Corvaja, Jean-François Tanguay

11:00 AM **PARTNER I: Five-Year Results From a Prospective, Randomized Trial of Transcatheter Aortic Valve Replacement with a Balloon-Expandable Device Versus Conservative Care in Extremely High-Risk Patients with Aortic Stenosis**  
Samir R. Kapadia

11:12 AM **LBCT #1 - Discussion**

11:24 AM **US CoreValve High Risk Trial: Cost-Effectiveness Analysis From a Prospective, Randomized Trial of Transcatheter Aortic Valve Replacement with a Self-Expanding Device Versus Surgical Aortic Valve Replacement in High-Risk Patients with Aortic Stenosis**  
Matthew R. Reynolds

11:34 AM **LBCT #2 - Discussion**

11:42 AM **CLEAN-TAVI: A Prospective, Randomized Trial of Cerebral Embolic Protection in High-Risk Patients with Aortic Stenosis Undergoing Transcatheter Aortic Valve Replacement**  
Axel Linke

11:52 AM **LBCT #3 - Discussion**

12:00 PM - 12:30 PM

Plenary Session VI: First Reports #1

**Moderator:** Robert J. Applegate  
**Digital Moderator:** Ronald Caputo  
**Discussants:** Vinayak Bapat, Nicola Corvaja, Larry S. Dean, Danny Dvir, Hitinder S. Gurm, R. Stefan Kiesz, Thosaphol Limpijankit, Gregory Mishkel, Neil E. Moat, S. Chiu Wong  
**Digital Panelists:** Michael S. Lee, Oscar A. Mendiz, Gert Richardt

12:00 PM **The CoreValve US Pivotal Trial: Two-Year Results with a Self-Expanding Bioprosthesis in Extremely High-Risk Patients with Aortic Stenosis**  
Steven J. Yakubov

12:10 PM **First Report #1 - Discussion**

12:15 PM **ISAR-CLOSURE: A Prospective, Randomized Trial of Two Vascular Closure Devices Versus Manual Compression After Femoral Artery Access**  
Stefanie Schulz

12:25 PM **First Report #2 - Discussion**

12:30 PM - 2:00 PM

Plenary Session VII: Live Cases II

**Live Case Moderator:** Martin B. Leon  
**Live Case Co-Moderator:** Peter C. Block  
**Digital Moderator:** Roger J. Laham  
**Live Case Discussants:** Antonio L. Bartorelli, Samir R. Kapadia, Ran Kornowski, Paul H. Kramer, Michael J. Mack, Igor F. Palacios, Volker Rudolph, Goran Stankovic, Huay Cheem Tan, Jonathan M. Tobis  
**Digital Panelists:** George S. Hanzel, James R. Margolis

12:30 PM **CardioVascular Center, Frankfurt, Germany**

1:15 PM **Henry Ford Hospital, Detroit, MI - Structural**

Coronary Theater I, Saturday, Sept. 13

Accreditation: CME/CNE

Saturday, September 13  
8:00 AM - 12:00 PM  
Room: Lower Level, Coronary Theater

**8:00 AM - 10:00 AM**

**Session 1: Live Cases - Complex MVD**

**Live Case Moderator:** Roxana Mehran  
**Live Case Co-Moderator:** Javier Escaned  
**Digital Moderator:** Kevin J. Beatt  
**Live Case Discussants:** Germano Di Sciascio, Vasim Farooq, Dietmar H. Glogar, Spencer B. King III, Eugenia Nikolsky, Miodrag C. Ostojic, Jamil Abdalla Saad, Samin K. Sharma, A.J. Conrad Smith  
**Digital Panelists:** Nirat Beohar, Thierry Corcos

8:00 AM **Sussex Cardiac Centre, Brighton and Sussex University Hospitals, Brighton, United Kingdom**

9:00 AM **Henry Ford Hospital, Detroit, MI**

**10:00 AM - 12:00 PM**

**Session 2: Live Cases - LM/Bifurcations**

**Live Case Moderator:** Antonio Colombo  
**Live Case Co-Moderator:** Seung-Jung Park  
**Digital Moderator:** Issam D. Moussa  
**Live Case Discussants:** David Antonucci, Nirat Beohar, Wolfgang Bocksch, Pawel E. Buszman, Didier Carrié, Evald H. Christiansen, Michalis Hamilos, Expedito E. Ribeiro  
**Digital Panelists:** Sufia Rahman, Fayaz Shawl, Bernhard Witzenbichler

10:00 AM **Antwerp Cardiovascular Center, Antwerp, Belgium**

11:00 AM **Fu Wai Hospital, National Center for Cardiovascular Diseases, Beijing, China**

**Structural Theater I, Saturday, Sept. 13**

Accreditation: CME/CNE

Saturday, September 13  
8:00 AM - 12:00 PM

Room: Lower Level, Structural/Endovascular Theater

**8:00 AM - 10:00 AM**

**Session 1: Live Cases - Structural and LAA Closure**

**Live Case Moderator:** Maurice Buchbinder  
**Live Case Co-Moderators:** Saibal Kar, Vivek Y. Reddy  
**Digital Moderator:** Brian K. Whisenant  
**Live Case Discussants:** Salman M Azam, Eric A. Cohen, Roberto J Cubeddu, Jan Kovac, Gregory Mishkel, Fabian Nietlispach, Carlos E. Ruiz, Peter B Sick  
**Digital Panelists:** Evgeny V. Merkulov, Jean-Michel Paradis

8:00 AM **Antwerp Cardiovascular Center, Antwerp, Belgium**

9:00 AM **CardioVascular Center, Frankfurt, Germany**

**10:00 AM - 12:00 PM**

**Session 2: Live Cases - TAVR**

**Live Case Moderator:** Ian T. Meredith  
**Live Case Co-Moderator:** Howard C. Herrmann  
**Digital Moderator:** Wesley R. Pedersen  
**Live Case Discussants:** Vasilis Babaliaros, Daniel H. Berrocal, Gregory P. Fontana, Jan Kovac, Gabriel Maluenda, Georg Nickenig, Thomas Schmitz, Konstantinos Toutouzas  
**Digital Panelists:** Omer Goktekin, Hyo-Soo Kim

10:00 AM **Sussex Cardiac Centre, Brighton and Sussex University Hospitals, Brighton, United Kingdom**

11:00 AM **NewYork-Presbyterian Hospital/Columbia University Medical Center, New York, NY**

**Didactic Symposia: Advan. Imaging: OCT, NIRS & IVUS**

Accreditation: CME/CNE

**2:00 PM - 3:03 PM**

**Session I. Clinical Decision Making Beyond FFR**

**Moderators:** Gary S. Mintz, Patrick W. Serruys  
**Digital Moderator:** Ryan D. Madder  
**Discussants:** Hector M. Garcia-Garcia, Takashi Kubo, Emerson C. Perin, Francesco Prati, Evelyn S. Regar  
**Digital Panelists:** Robert J. Russo, Mladen I. Vidovich

2:00 PM **OCT Utility in the Unstable Patient With ACS/NSTEMI**  
Francesco Prati

2:12 PM **NIRS Utility in the Unstable Patient With ACS/NSTEMI**  
David Erlinge

2:24 PM **OCT for Identifying Vulnerable Plaque Prior to Coronary Thrombosis**  
Yuji Ikari

2:36 PM **NIRS for Identifying Vulnerable Plaque Prior to Coronary Thrombosis**  
Akiko Maehara

2:48 PM **Roundtable Discussion with Audience Q&A**

**3:03 PM - 4:10 PM**

**Session II. Advanced Intravascular Imaging for PCI Guidance and Optimization**

**Moderators:** Fernando Alfonso, Patrick A. Calvert  
**Digital Moderator:** James A. Goldstein  
**Discussants:** David Erlinge, Giulio Guagliumi, Yuji Ikari, Yukio Ozaki, Francesco Prati  
**Digital Panelists:** Carlo Di Mario, Michael J. Lim, Elias Sanidas

3:03 PM **OCT for Preventing Periprocedural Complications of PCI**  
Marco A. Costa

3:15 PM **NIRS for Preventing Periprocedural Complications of PCI**  
Emmanouil S. Brilakis

3:27 PM **OCT for Assessing Long-term Complications of PCI**  
Giulio Guagliumi

3:43 PM **Avoiding Long-term Complications with PCI: Imaging Guidance with NIRS**  
James A. Goldstein

3:55 PM **Roundtable Discussion with Audience Q&A**

**4:10 PM - 4:43 PM**

**Session III. Oral Abstracts**

**Moderators:** Carlo Di Mario, Morton J. Kern  
**Digital Moderator:** Pedro R. Moreno  
**Discussants:** Takashi Akasaka, Steven P. Marso, Mladen I. Vidovich  
**Digital Panelists:** Jacek Legutko, Yoshinobu Onuma, Sandeep Singh

4:10 PM **TCT 398: Identification of Vulnerable Patients by Intracoronary Near-Infrared Spectroscopy**  
Ryan D. Madder

4:18 PM **Roundtable Discussion with Audience Q&A**

4:21 PM **TCT 365: Incomplete Stent Apposition Causes High Shear Flow Disturbances and Delay in Neointimal Coverage as a Function of Strut-to-Wall Detachment Distance**  
Nicolas Foin

4:29 PM **Roundtable Discussion with Audience Q&A**

4:32 PM **TCT 366: Thrombus Downstream From Plaque Rupture Site in Acute Myocardial Infarction Identified on Optical Coherence Tomography**  
Hyon-he Garza

4:40 PM **Roundtable Discussion with Audience Q&A**

**4:46 PM - 5:00 PM**

**Invited Lecture: State-of-the-Art in HD-IVUS with Case Presentations**

**Moderators:** Carlo Di Mario, Morton J. Kern  
**Digital Moderator:** Pedro R. Moreno  
**Discussants:** Takashi Akasaka, Jacek Legutko, Steven P. Marso, Mladen I. Vidovich  
**Digital Panelists:** Yoshinobu Onuma, Sandeep Singh

## Didactic Symposia: Carotid & PV Intervention 1

Accreditation: CME/CNE

Saturday, September 13

2:00 PM - 5:14 PM

Room: Level 1, Room 102A

### 2:00 PM - 3:06 PM

#### Session I. Carotid Intervention

**Moderators:** Leo Nelson Hopkins, Sriram S. Iyer

**Digital Moderator:** Zvonimir Krajcer

**Discussants:** Hugo F. Londero, Sumaira Macdonald, Oscar A. Mendiz, Mark H. Wholey

**Digital Panelists:** Jacques Busquet, Christos Christou

2:00 PM **DWI MRI Lesions, Cranial Nerve Injury, Neuropsychometric Testing, etc: Is it Time to Incorporate These Outcomes in Carotid Trial Primary Endpoints?**  
Sumaira Macdonald

2:08 PM **TCT 548: Proximal Occlusion Versus Distal Filter for Cerebral Protection During Carotid Stenting: A Meta-analysis of MRI Studies**  
Salvatore Cassese, MD

2:16 PM **CREST 2 Trial and Registry: Goals, Design, and Challenges**  
Sriram S. Iyer

2:24 PM **TCT 549: Could Staged Carotid Stenting with CABG Be Noninferior to Combined Carotid Endarterectomy and CABG for Carotid and Coronary Revascularization? A Meta-analysis of Prospective Studies**  
Daniel Garcia, MD

2:32 PM **Next-Generation Carotid Artery Stents: Are Mesh/Membrane Stents Game Changers?**  
Peter A. Schneider

2:40 PM **Subclavian and Innominate Intervention: Not as Easy as it Looks**  
Douglas E. Drachman

2:48 PM **Current Status of Acute Stroke Therapy: Trials, Tribulations, and Practical Issues**  
Adnan Siddiqui

2:56 PM **Roundtable Discussion with Audience Q&A**

### 3:06 PM - 4:34 PM

#### Session II. Intervention for Claudication

**Moderators:** Robert M. Bersin, Dierk Scheinert

**Digital Moderator:** Roger Gammon

**Discussants:** J. Dawn Abbott, J. Michael Bacharach, Jacques Busquet, Dmitriy N. Feldman, Mahmood K. Razavi

**Digital Panelists:** Slobodan Antov, Jang-Whan Bae

3:06 PM **Percutaneous Reconstruction of Complex Aortoiliac Disease: Tips from Imaging to Intervention**  
Mark W. Burket

3:14 PM **Covered Stents for Iliac and SFA Obstructive Disease: Overhyped or Underused?**  
Robert M. Bersin

3:22 PM **Endovascular Approaches to Common Femoral Artery Obstructive Disease: Finally Ready for Primetime?**  
Thomas Zeller

3:30 PM **Master Class in SFA Technologies: Lining up the Data**  
William A. Gray

3:38 PM **Calcification in Femoropopliteal Intervention: Management Options and Outcomes**  
D. Christopher Metzger

3:46 PM **Atherectomy: Device Review and Their Place in the Management of Claudicants**  
Lawrence A. Garcia

3:54 PM	<b>A Panoply of CTO Devices: Review of Mechanisms and Available Data</b> Tony Das
4:02 PM	<b>Bioresorbable Scaffolds: Status Update and Potential Role in Femoropopliteal Disease</b> Mahmood K. Razavi
4:10 PM	<b>Cost-effectiveness of Antiproliferative Therapies for Claudication</b> Michael R. Jaff
4:18 PM	<b>Surgical Rescue of Failed Endovascular Intervention: When to Throw in the Endovascular Towel</b> Richard M. Green
4:26 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>

4:34 PM - 5:14 PM

**Session III. Rapid-Fire Technology Updates**

**Moderators:** John R. Laird Jr, Daniel J. McCormick

**Digital Moderator:** Dmitriy N. Feldman

**Discussants:** Mark C. Bates, David H. Deaton, Thomas A. Ischinger, Dierk Scheinert

**Digital Panelists:** Carlos I. Mena-Hurtado, Sahil A. Parikh

4:34 PM	<b>Shockwave Lithoplasty: Working on the Chain Gang</b> Todd J. Brinton
4:39 PM	<b>Tack-It Dissection Repair: Full Metal Jacket No More</b> Marianne Brodmann
4:44 PM	<b>Avinger OCT CTO Device: Importance of Maintaining the Central Lumen</b> Arne Schwindt
4:49 PM	<b>Excimer Laser for Femoropopliteal In-Stent Restenosis: Light at the End of the Tunnel?</b> Carlos I. Mena-Hurtado
4:54 PM	<b>Robotic Endovascular Intervention: Advantages, Opportunities, and Predictions for Its Broader Application</b> Constantino S. Pena
4:59 PM	<b>Multilayer Stents for the Treatment of Visceral Aneurysms: Hope or Hoax?</b> Michel Camille Henry
5:04 PM	<b>Ultrasound-Facilitated Drug-Coated Balloons: Powering the Future?</b> Craig M. Walker
5:09 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>

**Didactic Symposia: Clinical Trial Design & Interp. 1**

Accreditation: CME/CNE

Saturday, September 13

2:00 PM - 5:04 PM

Room: Level 2, Room 206

2:00 PM - 2:45 PM

**Session I. Road to Excellence in Clinical Research: The Nuts and Bolts of Building a Premier Center**

**Moderators:** Roxana Mehran, Bernhard Witzensbichler

**Digital Moderator:** Somjot S. Brar

**Discussants:** Alejandra Guerchicoff, D. Christopher Metzger, Thomas D. Stuckey, Ron Waksman, Jochen Wöhrle

**Digital Panelists:** Usman Baber, Atul Pathak

2:00 PM	<b>Setting-up a Thriving Clinical Research Program: The Basics and More</b> David A. Cox
2:07 PM	<b>Guiding Principles in Clinical Research: The Essentials (GCP, IRB, Informed Consent, and Quality Assurance)</b> Kate Dalton
2:19 PM	<b>How to Be a Key Enroller in Clinical Trials: Building the Team!</b> James C. Blankenship
2:26 PM	<b>The Informed Consent Process: More Complicated Than Informed!</b> Theresa Franklin-Bond



**2:45 PM - 3:56 PM****Session II. Biostatistics: What Clinical Cardiologists Need to Know****Moderators:** Stuart J. Pocock, William S. Weintraub**Digital Moderator:** David J. Cohen**Discussants:** Ori Ben-Yehuda, Donald Cutlip, Melissa Nichols, Tullio Palmerini, Matthew T. Roe, Lilly Q Yue**Digital Panelists:** Elmir Omerovic, Robert W. Yeh2:45 PM **Randomized vs Observational Studies: Strengths and Weaknesses**  
Stuart J. Pocock2:55 PM **Subgroup Analyses: Proceed (and Interpret) with Caution**  
Eugene H. Blackstone3:05 PM **Definition, Reliability, and Interpretation of Surrogate Endpoints**  
William S. Weintraub3:15 PM **Meta-analysis: From PRISMA Standards to Utility in Guiding Practice**  
Sripal Bangalore3:25 PM **TCT 252: Preprocedural Statin Administration Benefit According to Baseline Renal Function: A Meta-analysis of Randomized Controlled Trials**  
Daniele Giacoppo, MD3:33 PM **TCT 347: Assessment of Intravascular Ultrasound-Derived Minimal Lumen Area and Fractional Flow Reserve to Evaluate Functionally Significant Coronary Artery Disease: A Meta-analysis**  
Jae-Sik Jang, MD3:41 PM **Roundtable Discussion with Audience Q&A****3:56 PM - 5:04 PM****Session III. Clinical Trial Interpretation: Strengths and Weaknesses of Interventional Trials of the Last Year****Moderators:** Eugene H. Blackstone, Gregg W. Stone**Digital Moderator:** Ori Ben-Yehuda**Discussants:** Anthony N. DeMaria, Andrew Farb, Laura Mauri, Roxana Mehran, Stuart J. Pocock, Yunling Xu**Digital Panelists:** Young-Hoon Jeong, Robert C. Welsh3:56 PM **HEAT: Core Results and Study Group Interpretation**  
Rod H. Stables4:03 PM **Roundtable Discussion with Audience Q&A: Criticisms and Strengths; Impacts on Clinical Practice**4:13 PM **EUROMAX and HORIZONS-AMI: Core Results and Study Group Interpretation**  
Philippe Gabriel Steg4:20 PM **Roundtable Discussion with Audience Q&A: Criticisms and Strengths; Impacts on Clinical Practice**4:30 PM **CHOICE: Core Results and Study Group Interpretation**  
Mohamed Abdel-Wahab4:37 PM **Roundtable Discussion with Audience Q&A: Criticisms and Strengths; Impacts on Clinical Practice**4:47 PM **COREVALVE Pivotal Trials: Core Results and Study Group Interpretation**  
Jeffrey J. Popma4:54 PM **Roundtable Discussion with Audience Q&A: Criticisms and Strengths; Impacts on Clinical Practice****Didactic Symposia: Coronary Drug-Coated Balloons**

Accreditation: CME/CNE

Saturday, September 13

2:00 PM - 5:00 PM

Room: Level 1, Room 151A/B

**2:00 PM - 3:35 PM****Session I. De Novo Coronary Lesion Indication****Moderators:** Robert A. Byrne, Bruno Scheller**Digital Moderator:** Francesco Liistro**Discussants:** Upendra Kaul, Franz X. Kleber**Digital Panelists:** Paul JL Ong, Tudor C Poerner

2:00 PM **DCB ONLY and Vascular Restoration: Insights from Intracoronary OCT Human Studies**  
Tudor C Poerner

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2:10 PM -  
2:35 PM **Debate: Is it Worth Considering a DCB-Only Approach for De Novo Coronary Lesions?**

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2:10 PM **Pre-debate Vote: What Does the Audience Think?**  
**Moderator:** Bruno Scheller

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2:12 PM **The DCB-Only Approach Is Feasible: The Real Promise to Leave Nothing Behind!**  
Franz X. Kleber

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2:22 PM **DCB is a Useful Ancillary Tool but Unlikely to Become a Work-Horse Technology!**  
Antonio Colombo

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2:32 PM **Post-debate Vote: Did We Change Any Minds?**  
**Moderator:** Bruno Scheller

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2:35 PM **Roundtable Discussion with Audience Q&A**

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2:45 PM **Technique Strategy Selection: A Critical Review of International Consensus Group Position Papers**  
Sahil A. Parikh

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2:55 PM **DCB Only Followed by Provisional Stenting: Insights from BASKET-SMALL 2 Trial**  
Raban Jeger

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3:05 PM **DCB Plus Adjunctive Stenting: Technique and Clinical Results**  
Jochen Wöhrle

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3:15 PM **DCB Plus Provisional Scaffold (BRS): Technique and Clinical Results**  
Azeem Latib

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3:25 PM **Roundtable Discussion with Audience Q&A**

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**3:35 PM - 4:15 PM**

**Session II. Specific De Novo Coronary Lesion Indications**

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**Moderators:** Azeem Latib, Ron Waksman

**Digital Moderators:** Ronald Caputo, Thomas A. Ischinger

**Discussants:** Steven R. Bailey, Raban Jeger, Detlef G. Mathey, Luigi Salemme

**Digital Panelists:** Marianne Brodmann, Helmut Brussee

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3:35 PM **Bifurcations: Technical Approach and Clinical Results**  
Kenneth Chin

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3:45 PM **Small Vessel, Diabetic, and Diffuse Disease**  
Paul JL Ong

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3:55 PM **Acute Coronary Syndromes (Including STEMI)**  
Bruno Scheller

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4:05 PM **Roundtable Discussion with Audience Q&A**

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**4:15 PM - 5:00 PM**

**Session III. In-Stent Restenosis Indication**

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**Moderators:** Run-Lin Gao, Jochen Wöhrle

**Digital Moderator:** Bruno Scheller

**Discussants:** Kenneth Chin, Germano Di Sciascio, Junbo Ge, Detlef G. Mathey

**Digital Panelists:** Sameer I. Dani, Upendra Kaul, Vjekoslav Tomulic

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4:15 PM **Approach to In-Stent Restenosis in 2014: DCB or DES?**  
Robert A. Byrne

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4:25 PM **DCB in BMS vs DES ISR: Insights from the RIBS Trials**  
Fernando Alfonso

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4:35 PM **TCT 266: PEPCAD-DES: A Randomized, Multicenter, Single-Blinded Trial Comparing Paclitaxel-Coated Balloon Angioplasty with Plain Balloon Angioplasty in Drug-Eluting-Stent Restenosis: 3-Year Results**  
Jochen Wöhrle

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4:43 PM **TCT 267: Lower Mortality of Paclitaxel-Coated Balloon Compared with Paclitaxel-Eluting Stent for the Treatment of DES In-Stent Restenosis: Two-Year Follow-up of the PEPCAD China ISR Trial**  
Yelin Zhao

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4:51 PM **Moderated Discussion**

## Didactic Symposia: CTO: The Final Frontier 1

Accreditation: CME

Saturday, September 13

2:00 PM - 5:00 PM

Room: Level 2, Room 207A/B

### 2:00 PM - 3:30 PM

#### Session I. Managing the Antegrade Case

**Moderators:** J. Aaron Grantham, Masahisa Yamane

**Digital Moderator:** Mauro Carlino

**Discussants:** Masahiko Ochiai, Julian Strange, Minh Vo, Simon Walsh, Gerald S. Werner

**Digital Panelists:** John Cosgrave, Hisayuki Okada

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2:00 PM      **Preprocedure Decisions: Planning for Success**  
Minh Vo

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2:15 PM -  
3:30 PM      **Debate: Should the Antegrade Approach be the Default Strategy?**

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2:15 PM      **Pre-debate Vote: What Does the Audience Believe?**  
**Moderator:** Masahisa Yamane

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2:18 PM      **You Should Always Start Antegrade!**  
Gerald S. Werner

---

2:30 PM      **Why Start Antegrade if Success is Unlikely?!**  
Simon Walsh

---

2:42 PM      **Post-debate Vote: Have We Changed Any Minds?**  
**Moderator:** Masahisa Yamane

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2:45 PM      **Antegrade Guidewires: Technology and Selection**  
Masahiko Ochiai

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3:00 PM      **Necessary Devices for the Antegrade Toolbox**  
Julian Strange

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3:15 PM      **Roundtable Discussion with Audience Q&A**

### 3:30 PM - 4:00 PM

#### Session II. CTO Abstracts, Part 1

**Moderators:** David E. Kandzari, Maarten J. Suttrop

**Digital Moderator:** Richard R. Heuser

**Discussants:** David Antonucci, Haim Danenberg, Makoto Sekiguchi

**Digital Panelists:** David Daniels, Erlend Eriksen, Paul Fefer

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3:30 PM      **TCT 190: Percutaneous Coronary Intervention Versus Medical Therapy for Coronary Chronic Total Occlusion: Results from the Italian Registry of Chronic Total Occlusion (IRCTO)**  
Salvatore Tomasello

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3:40 PM      **Roundtable Discussion and Audience Q&A**

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3:45 PM      **TCT 191: Health-Related Quality of Life, Functional Status, and Myocardial Ischemia in Patients with Successful Chronic Total Occlusion Recanalization**  
Ester Bajo

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3:55 PM      **Roundtable Discussion with Audience Q&A**

### 4:00 PM - 5:00 PM

#### Session III. Difficult Antegrade Issues

**Moderators:** Emmanouil S. Brilakis, Stéphane Rinfret

**Digital Moderator:** Stephen P. Hoole

**Discussants:** Javier Escaned, Satoru Sumitsuji, Barry F. Uretsky, R. Michael Wyman

**Digital Panelists:** Mahmoud Hashemian, Peter Hausinger

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4:00 PM      **How to Solve Proximal Cap Ambiguity: Wire-Based Solutions**  
Satoru Sumitsuji

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4:12 PM      **How to Solve Proximal Cap Ambiguity: The Hybrid Approach**

Stéphane Rinfret

- 
- 4:24 PM      **Overcoming the Uncrossable/Impenetrable Proximal Cap: Wire-Based Approaches**  
Javier Escaned
- 
- 4:36 PM      **Overcoming the Uncrossable/Impenetrable Proximal Cap: The Hybrid Approach**  
R. Michael Wyman
- 
- 4:48 PM      **Roundtable Discussion with Audience Q&A**

## Didactic Symposia: Innovation 1: Workshop

Saturday, September 13  
2:00 PM - 5:00 PM  
Room: Level 1, Room 147A

### 2:00 PM - 3:25 PM

#### Session I. Innovation Models and Early Technology Development

**Moderators:** Peter J. Fitzgerald, Frank Litvack

**Digital Moderator:** Chaim S. Lotan

**Discussants:** Jim Barry, Hanson S. Gifford, Julio C. Palmaz, Dale A Wahlstrom, Paul G. Yock

**Digital Panelists:** Todd J. Brinton, Beverly A Huss, Michael Zhao

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- 2:00 PM      **The “New” Med–Tech Environment: Changes in the Ecosystem Impacting Technology Development**  
Frank Litvack
- 

- 2:10 PM      **Incubators and Accelerators**  
Hanson S. Gifford
- 

- 2:20 PM      **Organic Innovation: Corporate Perspective**  
Jim Barry
- 

- 2:30 PM      **Reverse Engineering and Region-Specific Innovation**  
Peter J. Fitzgerald
- 

- 2:40 PM      **Roundtable Discussion with Audience Q&A**
- 

### 2:55 PM - 3:25 PM

#### Intellectual Property Law Update

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- 2:55 PM      **First to File: One Year Later**  
James R. Shay
- 

- 3:05 PM      **International IP Landscape: Emerging Tools to Harmonize Filing and Protection**  
James M. Heslin
- 

- 3:15 PM      **Roundtable Discussion with Audience Q&A**
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### 3:25 PM - 4:10 PM

#### Session II. Emerging Funding Models

**Moderators:** Louis A. Cannon, Casey McGlynn

**Digital Moderator:** Peter J. Fitzgerald

**Discussants:** Yuval Binur, Michal Geva, Eric Le Royer, Dale A Wahlstrom, Michael Zhao

**Digital Panelists:** Gary Gershony, Frank Litvack

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- 3:25 PM      **The Venture Capital Model: Time to Revisit the Strategy?**  
Louis A. Cannon
- 

- 3:35 PM      **Collaborative Funding Models for De-Risking Investment in Early Stage Technologies**  
Dale A Wahlstrom
- 

- 3:45 PM      **Emerging Funding Models and International Partnerships**  
Casey McGlynn
- 

- 3:55 PM      **Corporate Funding and Collaborations - Roundtable Discussion with Audience Q&A**
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### 4:10 PM - 5:00 PM

#### Session III. Innovation Drivers and Movers

**Moderators:** Eric Le Royer, Dale A Wahlstrom

**Digital Moderator:** Casey McGlynn

**Discussants:** Rafael Beyar, Michal Geva, Beverly A Huss, William Murray, Xavier E. Pardo

**Digital Panelists:** Marco A. Costa, Leo Nelson Hopkins

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4:10 PM	<b>US Healthcare Reform: Impact on Innovation and Future Investment Trends</b> Jack C. Lewin
4:20 PM	<b>Regulatory Science and the Need for Harmonized Models to Accelerate the Device Development Process</b> William Murray
4:30 PM	<b>The Emergence of the East on the Global Innovation Chessboard</b> Eric Le Royer
4:40 PM	<b>The Global Innovation Climate: Emerging Trends and Models; Round Table Discussion with Audience Q&amp;A</b>
5:00 PM	<b>Adjourn</b>

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## Didactic Symposia: Mitral: Today & Tomorrow 1

Accreditation: CME/CNE

Saturday, September 13

2:00 PM - 5:11 PM

Room: Level 1, Room 146A

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### 2:00 PM - 3:08 PM

#### Session I. Mitral Regurgitation Overarching Concepts

**Moderators:** Blase A. Carabello, Allan Schwartz

**Digital Moderator:** Charles J. Davidson

**Discussants:** Jeffrey S. Borer, Patrick T. O'Gara, Maurice E. Sarano, Robert J. Siegel

**Digital Panelists:** Andrea Colli, James S. Gammie, Elvin Kedhi

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2:00 PM	<b>Primary vs Secondary Mitral Regurgitation: Two Different Diseases with Different Etiologies, Prognostic Impact, and Therapies</b> Jeffrey S. Borer
2:07 PM	<b>The Epidemiology of Mitral Regurgitation: How Little We Know!</b> Alec S. Vahanian
2:14 PM	<b>Prognosis of Secondary MR in Heart Failure: New Insights from the Italian Registry</b> Francesco Maisano
2:21 PM	<b>Just How Effective Is Biventricular Pacing for Functional Mitral Regurgitation?</b> Anita Asgar
2:28 PM	<b>TCT 788: Outcomes Following Percutaneous Reduction of Significant Mitral Regurgitation in EVEREST II High-Risk Patients Who Were Symptomatic Despite Cardiac Resynchronization Therapy</b> Saibal Kar
2:36 PM	<b>Updated US and EU Mitral Guidelines: Where Do They Agree and Disagree (and Why)?</b> Robert O. Bonow
2:46 PM	<b>Setting the Stage: Most Important Mitral Regurgitation Studies and Events of the Last 12 Months</b> Gregg W. Stone
2:56 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>

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### 3:08 PM - 3:54 PM

#### Session II. Imaging and Diagnostic Evaluation

**Moderators:** Paul A. Grayburn, Robert J. Siegel

**Digital Moderator:** Scott Lim

**Discussants:** Salman M Azam, Sherif F. Nagueh, Athena Poppas, Neil J. Weissman

**Digital Panelists:** George Gellert, Chad Kliger

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3:08 PM	<b>Echocardiography of Mitral Regurgitation: A Critical Appraisal of Quantification and Prognostic Impact</b> Robert J. Siegel
3:16 PM	<b>Role of Exercise and Viability in the Evaluation of Mitral Regurgitation</b> Maurice E. Sarano

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3:23 PM	<b>Beyond TEE 1: ICE</b> Brij Maini
3:30 PM	<b>Beyond TEE 2: CT, MRI, and Image Fusion</b> Jonathon A. Leipsic
3:38 PM	<b>TCT 807: Multislice Computed Tomography Procedural Planning for Transcatheter Mitral Annuloplasty</b> Jovana Pavicevic
3:46 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>

**3:54 PM - 5:11 PM**

**Session III. The MitraClip**

**Moderators:** Olaf Franzen, James B. Hermiller Jr  
**Digital Moderator:** Michael J. Rinaldi  
**Discussants:** Stephan Baldus, Eric A. Cohen, Corrado Tamburino, Alfredo Trento  
**Digital Panelists:** Volker Rudolph, Robaayah Zambahari

3:54 PM	<b>Heart Team Decisions: Who Is the Appropriate “Prohibitive-Risk DMR” Patient for MitraClip?</b> Gorav Ailawadi
4:01 PM	<b>TCT 789: Symptomatic Improvement with MitraClip Therapy for Prohibitively High-Risk DMR Patients</b> Brij Maini
4:09 PM	<b>Anatomic Criteria for the MitraClip: Are the Everest Criteria Just a Start?</b> Saibal Kar
4:16 PM	<b>Essentials of TEE Guidance for MitraClip (2D and 3D)</b> Samir R. Kapadia
4:23 PM	<b>TCT 790: Impact of Percutaneous Mitral Valve Repair on Tricuspid Regurgitation</b> Antonio Frangieh
4:31 PM	<b>Predictors of MitraClip Failure and the Risk of Overtreatment</b> Volker Rudolph
4:38 PM	<b>Techniques to Achieve Optimal MitraClip Results in Advanced Pathologies</b> Ralph Stephan von Bardeleben
4:45 PM	<b>Complications of the MitraClip: From the Common to the Unusual</b> Brian K. Whisenant
4:52 PM	<b>Final 5-Year EVEREST II Results: Perspectives on What We Might Have Done Differently</b> Ted E. Feldman
4:59 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>

**Didactic Symposia: PFO Closure & Adult Congenital 1**

Accreditation: CME/CNE

Saturday, September 13

2:00 PM - 5:00 PM

Room: Level 2, Room 209A/B

**2:00 PM - 3:15 PM**

**Session I. PFO and Stroke**

**Moderators:** Matthew J. Price, Mark Reisman  
**Digital Moderator:** Sheldon Goldberg  
**Discussants:** John D. Carroll, Sanjay Kaul, David E. Thaler  
**Digital Panelists:** Matthew A Crystal, Abel Romero-Corral, Harsimran Sachdeva Singh

2:00 PM	<b>Meta-analyses of PFO Closure Trials for Stroke: What Is the Evidence?</b> Abel Romero-Corral
2:15 PM	<b>ASA/AHA Guidelines 2014: PFO Closure for Cryptogenic Stroke Is Now Class III LOE A! Is This the Final Word from the Neurology Community?</b> David E. Thaler
2:30 PM	<b>Dissecting the Evidence: Is There Anyone with Stroke Who Can Benefit from PFO Closure?</b> John D. Carroll

2:45 PM **The Clinical Trialist's Perspective on the Evidence and Certainty: How Should It Influence Regulatory Decisions, Clinical Practice, and Guidelines?**  
Sanjay Kaul

3:00 PM **Preserving Choices for Patients**  
Mark Reisman

3:08 PM **Roundtable Discussion with Audience Q&A**

**3:15 PM - 4:15 PM Session II. PFO, Migraine, Hypoxemia, and Novel Closure Devices**

**Moderators:** Jonathan M. Tobis, Brian K. Whisenant  
**Digital Moderator:** Carey D. Kimmelstiel  
**Discussants:** Sameer Gafoor, John C. Messenger, Michael J. Mullen  
**Digital Panelists:** Oktay Asim Ergene, Neil Wilson

3:15 PM **Overview of PFO Closure for Migraines and Premium Trial Update**  
Jonathan M. Tobis

3:30 PM **Orthodeoxia-Platypnea**  
John C. Messenger

3:42 PM **PFO and Sleep Apnea**  
Michael J. Mullen

3:54 PM **PFO/ASD Closure with a New Bioreabsorbable Device: Important Advance?**  
Sameer Gafoor

4:04 PM **Roundtable Discussion with Audience Q&A**

**4:15 PM - 5:00 PM Session III. PFO Abstracts**

**Moderators:** Stephen J.D. Brecker, Michael J. Mullen  
**Digital Moderator:** Paul H. Kramer  
**Discussants:** Eric Horlick, Frank F. Ing, Carey D. Kimmelstiel  
**Digital Panelists:** John P. Breinholt, Damien P. Kenny

4:15 PM **TCT 158: Assessment of Sleep Apnea in Patients With and Without a Patent Foramen Ovale**  
Rubine Gevorgyan, MD

4:25 PM **Roundtable Discussion with Audience Q&A**

4:30 PM **TCT 159: Patent Foramen Ovale Closure in Patients with Orthodeoxia-Platypnea Syndrome**  
Mohammad Mojadidi, MD

4:40 PM **Roundtable Discussion with Audience Q&A**

4:45 PM **TCT 160: The Genetic Basis of Patent Foramen Ovale**  
Nabil Nouredin, MD

4:55 PM **Roundtable Discussion with Audience Q&A**

**Didactic Symposia: RDN & Hypertension Therapies 1**

Accreditation: CME/CNE

Saturday, September 13

2:00 PM - 5:00 PM

Room: Level 1, Room 152A/B

**2:00 PM - 3:30 PM Session I. Preclinical Models and the Foundation of Renal Denervation Therapies**

**Moderators:** Juan F. Granada, Paul A. Sobotka  
**Digital Moderator:** Farrell O. Mendelsohn  
**Discussants:** Michael Joner, Robert S. Schwartz, Renu Virmani, Michael A. Weber, Gregory J. Wilson  
**Digital Panelists:** John A. Ormiston, C. Venkata S. Ram

2:00 PM **Renal Nerve Microanatomy - The Foundation for RDN Technologies**  
Michael Joner

2:10 PM -  
2:40 PM **Translational Dilemmas: Preclinical Models for Testing RDN Therapies**

2:10 PM	<b>Lack of Preclinical Understanding Underlies the Negative Randomized Trial Results!</b> Robert S. Schwartz
2:21 PM	<b>There Is Hope for Producing Preclinical Models for Successful Device Development</b> Gregory J. Wilson
2:32 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>
2:37 PM	<b>Post-discussion Vote: Do We Have Reasonable Animal Models to Test RDN Therapies?</b> <b>Moderator:</b> Paul A. Sobotka

2:40 PM	<b>TCT 402: Renal Norepinephrine Reduction Following Radiofrequency Renal Denervation Correlates with Extent of Nerve Ablation: Roles of Ablation Areas, Anatomy, and Number of Treatments</b> Rami Tzafiri
2:48 PM	<b>Preclinical Insights Into the Optimal Ablation Location for Renal Denervation Procedures</b> Robert J. Melder
2:56 PM	<b>TCT 403: Peripheral Endothelial Function and Sympathetic Influence on Dermal Microcirculation Correlate with Long-term Blood Pressure Response in Renal Denervation Patients</b> Ulrich Hink
3:04 PM	<b>Does One Size Fit All for Renal Denervation to Work? From Symplicity to Complexity</b> Felix Mahfoud
3:14 PM	<b>Next Steps: Translational Opportunities and Methodologies to Get Us Back on Track!</b> Juan F. Granada
3:22 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>

#### 3:30 PM - 4:12 PM

#### Session II. Energy Sources for RDN Therapies: A Focused Update

**Moderators:** Krishna J. Rocha-Singh, Stephen G. Worthley  
**Digital Moderator:** Robert S. Schwartz  
**Discussants:** Joost Daemen, Tim A. Fischell, Vivek Y. Reddy, Jie Wang  
**Digital Panelists:** Chandan Devireddy, Ivan G. Horvath

3:30 PM	<b>Essentials of Radiofrequency Ablation (Irrigated and Nonirrigated, Monopolar and Bipolar)</b> Vivek Y. Reddy
3:38 PM	<b>Essentials of Ultrasound Ablation</b> Joost Daemen
3:46 PM	<b>Essentials of Chemical Ablation</b> Tim A. Fischell
3:54 PM	<b>Essentials of Mapping the Renal Nerves In Vivo</b> Jie Wang
4:02 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>

#### 4:12 PM - 5:00 PM

#### Session III. Hypertension Around the World: How to Diagnose and Treat (in Collaboration with the Resistant Hypertension Course)

**Moderators:** Ajay J. Kirtane, Felix Mahfoud  
**Digital Moderator:** John A. Ormiston  
**Discussants:** Thomas F. Luscher, Atul Pathak, C. Venkata S. Ram, Michael A. Weber  
**Digital Panelists:** Kintur Sanghvi, Stephen G. Worthley

4:12 PM	<b>Workup and Treatment of Hypertension: From A to Z</b> Atul Pathak
4:17 PM	<b>What it Means to Have (and Be) a Hypertension Referral Center</b> C. Venkata S. Ram
4:27 PM	<b>Current Status of Advanced Hypertension Treatment in the United States</b> Michael A. Weber
4:37 PM	<b>Guidelines and Recommendations for the Practical Application of Renal Denervation Therapies in a Post-SYMPPLICITY 3 World</b> Thomas F. Luscher
4:47 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>



## Didactic Symposia: Shock & Hemodyn. Support

Accreditation: CME/CNE

Saturday, September 13

2:00 PM - 5:04 PM

Room: Level 2, Room 201

### 2:00 PM - 2:59 PM

#### Session I. Hemodynamic Support in Cardiogenic Shock

**Moderators:** Brij Maini, Holger Thiele

**Digital Moderator:** Rajesh M. Dave

**Discussants:** Cindy L. Grines, Jeffrey W. Moses, Gert Richardt, David X. Zhao

**Digital Panelists:** Jose Luis Assad-Morell, William J. French

- 
- 2:00 PM      **Overview and Comparative Analysis of Percutaneous Hemodynamic Support Devices**  
Jeffrey W. Moses
- 
- 2:10 PM      **Cardiogenic Shock: Dissecting the Data for (or Against) IABP**  
Gert Richardt
- 
- 2:20 PM      **Cardiogenic Shock: Dissecting the Data for (or Against) Impella**  
Cindy L. Grines
- 
- 2:27 PM      **Cardiogenic Shock: Dissecting the Data for (or Against) TandemHeart**  
David X. Zhao
- 
- 2:34 PM      **Cardiogenic Shock: Dissecting the Data for (or Against) VA ECMO**  
Aly El Banayosy
- 
- 2:41 PM      **TCT 65: The Efficacy and Safety of Mechanical Hemodynamic Support in Patients Undergoing High-Risk Percutaneous Coronary Intervention With or Without Cardiogenic Shock: Bayesian Approach Network Meta-analysis of 13 Randomized Controlled Trials**  
Jonhanne Park
- 
- 2:49 PM      **Roundtable Discussion with Audience Q&A**

### 2:59 PM - 3:34 PM

#### Session II. Cardiogenic Shock Case Presentations

**Moderators:** David A. Cox, Cindy L. Grines

**Digital Moderator:** Fayaz Shawl

**Discussants:** Francisco Fdez-Aviles, Roger J. Laham, Michael S. Lee, Gert Richardt, David X. Zhao

**Digital Panelists:** Uros U. Babic, Lene Holmvang, Vijay Kunadian

- 
- 2:59 PM      **A Case of True Cardiogenic Shock Where No Support Device was Required**  
**Case Presenter:** Holger Thiele
- 
- 3:06 PM      **A Case of True Cardiogenic Shock Where IABP was Necessary and Sufficient**  
**Case Presenter:** Nico H.J. Pijls
- 
- 3:13 PM      **A Case of Cardiogenic Shock Necessitating Impella Use**  
**Case Presenter:** Vladimir Dzavik
- 
- 3:20 PM      **A Case of Cardiogenic Shock Necessitating TandemHeart Use**  
**Case Presenter:** Richard Smalling
- 
- 3:27 PM      **A Case of Cardiogenic Shock Where Only VA ECMO Would Do**  
**Case Presenter:** Gerhard C. Schuler

### 3:34 PM - 4:19 PM

#### Session III. Hemodynamic Support in High-Risk PCI

**Moderators:** Simon R. Dixon, Jeffrey W. Moses

**Digital Moderator:** Goran K. Olivecrona

**Discussants:** Mauricio G. Cohen, Nicola Corvaja, Vijay Kunadian, Ernest L. Mazzaferri, Jr, Michael Mooney

**Digital Panelists:** Ali Al Masood, Hongbing Yan

- 
- 3:34 PM - 4:01 PM      **A Case-Based Debate: Is Prophylactic Hemodynamic Support Necessary for High-Risk PCI in the Nonshock Patient?**
- 
- 3:34 PM      **Case Presentation Setting the Stage: Should Prophylactic Hemodynamic Support Be Used?**  
**Case Presenter:** Srihari S. Naidu
- 
- 3:37 PM      **Pre-debate Audience Vote: Is Prophylactic Hemodynamic Support Necessary in this Case? If So, Which**

**Device?**

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3:39 PM     **Prophylactic Hemodynamic Support is Expensive, Causes Complications, and Is Rarely Required in High-Risk PCI. Not in This Case!**  
Antonio Colombo

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3:46 PM     **Put Your Ego Aside: Prophylactic Use Avoids Procedural Catastrophes and Improves Late Outcomes and Should be Used in This Case!**  
David X. Zhao

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3:53 PM     **How I Treated My Patient**  
**Case Presenter:** Srihari S. Naidu

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3:57 PM     **Post-debate Vote: Regardless of the Outcome of the Case, was Prophylactic Support the Best Decision for the Patient?**

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4:01 PM     **TCT 66: Intra-aortic Balloon Pump and Percutaneous LVAD for Patients Undergoing High-Risk PCI: A Meta-analysis**  
Daniel Garcia

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4:09 PM     **Roundtable Discussion with Audience Q&A**

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**4:19 PM - 5:04 PM**

**Session IV. New Devices and Advanced Approaches for Hemodynamic Support**

**Moderators:** Vladimir Dzavik, David R. Holmes Jr., Hiroo Takayama

**Digital Moderator:** Kirk N. Garratt

**Discussants:** Ronan Margey, Oyvind Reitan, Marvin J. Slepian, Nir Uriel

**Digital Panelists:** Guillermo Torre-Amione, Alan Zajarias

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4:19 PM     **Impella RP: Hemodynamic Support for the Failing Right Ventricle**  
Ronan Margey

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4:26 PM     **The Thoratec PHP**  
David E. Kandzari

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4:33 PM     **The Reitan Catheter Pump**  
Oyvind Reitan

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4:40 PM     **The Subclavian Artery Approach for ECMO**  
Hiroo Takayama

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4:47 PM     **How and When to Migrate Percutaneous Devices to VADs and Issues of Termination**  
Nir Uriel

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4:54 PM     **Roundtable Discussion with Audience Q&A**

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**Didactic Symposia: TAVR: Today & Tomorrow 1**

Accreditation: CME/CNE

Saturday, September 13

2:00 PM - 5:15 PM

Room: Level 2, Room 202A/B

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

**Session I. TAVR Perspectives 2014**

**Moderators:** A. Pieter Kappetein, Martin B. Leon

**Digital Moderator:** Howard C. Herrmann

**Discussants:** Alain G. Cribier, Eberhard Grube, Raj Makkar, Ganesh Manoharan, Vinod H. Thourani

**Digital Panelists:** Saif Anwaruddin, Vasilis Babaliaros

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2:00 PM     **Important Changes in the New 2014 ACC/AHA Aortic Valve Guidelines: Aligning Definitions of Aortic Stenosis Severity with Treatment Recommendations**  
Robert O. Bonow

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2:10 PM     **Discussion**

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2:12 PM     **Reflections on Transcatheter Aortic Valve Therapies from BAV to TAVR: Greatest Disappointments, Surprises, and Achievements**  
Alain G. Cribier

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2:22 PM     **Discussion**

2:24 PM	<b>Perspectives on the "Current Controversies" in TAVR for 2014</b> Martin B. Leon
2:34 PM	<b>Discussion</b>
2:36 PM	<b>Evolution of the Heart Valve Team Concept in the "Maturation Phase" of TAVR</b> Ganesh Manoharan
2:46 PM	<b>Discussion</b>
2:48 PM	<b>Changing Roles and Opportunities for the Cardiac Surgeon in the TAVR Era</b> Vinod H. Thourani
2:58 PM	<b>Discussion</b>

**3:00 PM - 3:55 PM**

**Session II. TAVR Clinical Indications 2014**

**Moderators:** Martin B. Leon, Neil E. Moat

**Digital Moderator:** Ariel Finkelstein

**Discussants:** Robert A. Guyton, Axel Linke, Michael J. Mack, Georg Nickenig, Nicolo Piazza

**Digital Panelists:** Wolfgang Bocksch, Marco Roffi

3:00 PM - 3:25 PM	<b>Debate of the Year: Should TAVR Clinical Indications Expand to "Lower-Risk" Patients?</b>
3:00 PM	<b>Pre-debate Vote: What Does the Audience Think?</b> <b>Moderator:</b> Martin B. Leon
3:02 PM	<b>PRO: It has Already Happened and Is Justified!</b> Nicolo Piazza
3:10 PM	<b>CON: A Call for Reason and Restraint!</b> Michael J. Mack
3:18 PM	<b>Animated Discussion</b>
3:23 PM	<b>Post-debate Vote: Did We Change Any Minds?</b> <b>Moderator:</b> Martin B. Leon
3:25 PM	<b>Updates from SURTAVI in Intermediate-Risk Patients</b> Patrick W. Serruys
3:30 PM	<b>Updates from PARTNER 2A and Sapien 3 in Intermediate-Risk Patients</b> Vinod H. Thourani
3:35 PM	<b>TCT 687: One-Year Outcomes of Transfemoral Transcatheter Versus Surgical Aortic Valve Replacement in Patients with Intermediate Surgical Risk: The Italian OBSERVANT Study</b> Marco Barbanti
3:43 PM	<b>Discussion</b>
3:45 PM	<b>Thoughtful Perspectives on the "Futile" Patient with Aortic Stenosis</b> Robert A. Guyton
3:53 PM	<b>Discussion</b>

**3:55 PM - 5:15 PM**

**Session III. TAVR Evidence-Based Medicine Corner – 5 Most Impactful Studies**

**Moderators:** Patrick W. Serruys, E. Murat Tuzcu

**Digital Moderator:** Ian T. Meredith

**Discussants:** John D. Carroll, Axel Linke, Jeffrey J. Popma, Michael J. Reardon, Mathew Williams

**Digital Panelists:** Carlos D Calderas, Michael J. Davidson

3:55 PM	<b>Lessons from the PARTNER Trials</b> E. Murat Tuzcu
4:05 PM	<b>Discussion</b>
4:07 PM	<b>Lessons from the CoreValve US Trials</b> Jeffrey J. Popma
4:17 PM	<b>Discussion</b>
4:19 PM	<b>Lessons from the ADVANCE Registry</b> Axel Linke
4:29 PM	<b>Discussion</b>

4:31 PM	<b>Lessons from the TVT Registry</b> John D. Carroll
4:41 PM	<b>Discussion</b>
4:43 PM	<b>TCT 688: One-Year Results of Transcatheter Aortic Valve Therapy for Failed Surgical Bioprostheses – PARTNER II Valve-in-Valve Registry</b> Rakesh M. Suri
4:51 PM	<b>TCT 689: Three- and Five-Year Outcomes after Transcatheter Aortic Valve Implantation in High-Risk Patients with Severe Aortic Stenosis: The U.K. TAVI (United Kingdom Aortic Valve Implantation) Registry</b> Alison Duncan
4:59 PM	<b>Discussion</b>
5:03 PM	<b>Lessons from the Global Valve-in-Valve Registry</b> Danny Dvir
5:13 PM	<b>Discussion</b>

### International Session: Complex Interventions

Accreditation: CME

Saturday, September 13

8:00 AM - 9:00 AM

Room: Lower Level, Presentation Theater 2

#### 8:00 AM - 8:30 AM

#### Session I. Spain Presents to Mexico

**Moderators:** Marco A. Alcocer-Gamba, Sunil V. Rao, Ramiro Trillo

**Discussants:** Marco Alcantara, Jorge Cortes Lawrenz, Felipe Hernandez, Juan Alberto Quintanilla Gutierrez, Jose R. Rumoroso

8:00 AM

#### Introduction and Objectives

8:03 AM

#### Patient #1: How Can I Leave This TAVI in Place?

**Case Presenter:** Rodrigo Estevez

8:08 AM

#### How Would I Treat This Patient?

José Alfredo Merino Rajme

8:13 AM

#### How Did I Treat This Patient?

**Case Presenter:** Rodrigo Estevez

8:20 AM

#### Roundtable Discussion and Audience Q&A

8:25 AM

#### Consensus and Take-home Messages

#### 8:30 AM - 9:00 AM

#### Session II. Mexico Presents to Spain

**Moderators:** Marco A. Alcocer-Gamba, Sunil V. Rao, Ramiro Trillo

**Discussants:** Marco Alcantara, Jorge Cortes Lawrenz, Felipe Hernandez, Juan Alberto Quintanilla Gutierrez, Jose R. Rumoroso

8:30 AM

#### Patient #2: How Can I Treat This 52 Year Old Patient with LF, LG, and Critical AS with Severely Depressed LVEF?

**Case Presenter:** Juan Alberto Quintanilla Gutierrez

8:35 AM

#### How Would I Treat This Patient?

Javier Martin-Moreiras

8:40 AM

#### How Did I Treat This Patient?

**Case Presenter:** Juan Alberto Quintanilla Gutierrez

8:47 AM

#### Roundtable Discussion and Audience Q&A

8:52 AM

#### Consensus and Take-home Messages

### International Session: Not So Straightforward ACS

Accreditation: CME

Saturday, September 13

8:00 AM - 9:00 AM

Room: Lower Level, Presentation Theater 1

**8:00 AM - 8:30 AM**

**Session I. Poland Presents to Romania**

**Moderators:** Dan Deleanu, Dariusz Dudek, Robert J. Gil, Greg L. Kaluza, Andrzej J. Ochala

**Discussants:** Jacek Legutko, Maciej Lesiak, Adam Witkowski, Lucian Zarma

8:00 AM **Case #1: NSTE-ACS Caused by Neoatherosclerosis in Saphenous Bypass Grafts: Insights from OCT**  
**Case Presenter:** Wojtek Wojakowski

8:05 AM **How Would I Treat This Patient?**  
Lucian Zarma

8:10 AM **How Did I Treat This Patient?**  
**Case Presenter:** Wojtek Wojakowski

8:17 AM **Roundtable Discussion with Audience Q&A**

8:25 AM **Consensus and Take-home Messages**  
Dan Deleanu

**8:30 AM - 9:00 AM**

**Session II. Romania Presents to Poland**

**Moderators:** Dan Deleanu, Dariusz Dudek, Robert J. Gil, Greg L. Kaluza, Andrzej J. Ochala

**Discussants:** Jacek Legutko, Maciej Lesiak, Adam Witkowski, Lucian Zarma

8:30 AM **Case #2: Stenting Nonculprit Lesions in STEM: Right or Wrong?**  
**Case Presenter:** Marin Postu

8:35 AM **How Would I Treat This Patient?**  
Jacek Legutko

8:40 AM **How Did I Treat This Patient?**  
**Case Presenter:** Marin Postu

8:47 AM **Roundtable Discussion with Audience Q&A**

8:55 AM **Consensus and Take-home Messages**  
Dariusz Dudek

**International Session: Invasive Imaging After PCI**

Accreditation: CME

Saturday, September 13

9:00 AM - 10:00 AM

Room: Lower Level, Presentation Theater 2

**9:00 AM - 9:30 AM**

**Session I. Austria Presents to Hungary**

**Moderators:** Andrea Abizaid, Kurt Huber, Bela Merkely

**Discussants:** Rudolf Berger, Helmut Brussee, Ivan G. Horvath, Zoltan Ruzsa

9:00 AM **Case #1: Bifurcation Stenting**  
**Case Presenter:** Stefan Harb

9:08 AM **Roundtable Discussion with Audience Q&A**

9:13 AM **Case #2: Malapposition After Bioresorbable Vascular Scaffold Implantation Diagnosed by IVUS/OCT**  
**Case Presenter:** Johann Sipoetz

9:21 AM **Roundtable Discussion with Audience Q&A**

9:26 AM **Consensus and Take-home Messages**  
Kurt Huber

**9:30 AM - 10:00 AM**

**Session II. Hungary Presents to Austria**

**Moderators:** Andrea Abizaid, Kurt Huber, Bela Merkely

**Discussants:** Rudolf Berger, Helmut Brussee, Ivan G. Horvath, Zoltan Ruzsa

9:30 AM	<b>Case #3: Venous Graft Stenting with BRS Guided by OCT</b> Case Presenter: Istvan F Edes
9:38 AM	<b>Roundtable Discussion with Audience Q&amp;A</b>
9:43 AM	<b>Case #4: CTO Retrograde Recanalization Guided by IVUS</b> Case Presenter: Peter Hausinger
9:51 AM	<b>Roundtable Discussion with Audience Q&amp;A</b>
9:56 AM	<b>Consensus and Take-home Messages</b> Bela Merkely

### International Session: Unusual In-Stent Restenosis

Accreditation: CME

Saturday, September 13

9:00 AM - 10:00 AM

Room: Lower Level, Presentation Theater 1

#### 9:00 AM - 9:30 AM

#### Session I. France Presents to Argentina

**Moderators:** Alejandro Cherro, Carlo Di Mario, Hervé Le Breton

**Discussants:** Jacques Berland, Alejandro D Fernandez, Miguel A Larribau, Eric Van Belle

9:00 AM	<b>Case #1: Restenosis in an Unusual Venous Bypass Bifurcated Lesion</b> Case Presenter: Jacques Berland
9:05 AM	<b>How Would I Treat This Case?</b> Miguel A Larribau
9:10 AM	<b>How Did I Treat This Case?</b> Case Presenter: Jacques Berland
9:17 AM	<b>Roundtable Discussion with Audience Q&amp;A</b>
9:25 AM	<b>Consensus and Take-home Messages</b> Hervé Le Breton

#### 9:30 AM - 10:00 AM

#### Session II. Argentina Presents to France

**Moderators:** Alejandro Cherro, Carlo Di Mario, Hervé Le Breton

**Discussants:** Jacques Berland, Alejandro D Fernandez, Miguel A Larribau, Eric Van Belle

9:30 AM	<b>Case #2: A Challenging Restenosis Lesion</b> Case Presenter: Alejandro D Fernandez
9:35 AM	<b>How Would I Treat This Case?</b> Eric Van Belle
9:40 AM	<b>How Did I Treat This Case?</b> Case Presenter: Alejandro D Fernandez
9:47 AM	<b>Roundtable Discussion with Audience Q&amp;A</b>
9:55 AM	<b>Consensus and Take-home Messages</b> Alejandro Cherro

### International Session: RCA CTO: Challenging Anatomy

Accreditation: CME

Saturday, September 13

10:00 AM - 11:00 AM

Room: Lower Level, Presentation Theater 1

10:00 AM - 10:30 AM

**Session I. Taiwan Presents to Japan**

**Moderators:** Jun-Jack Cheng, Juey-Jen Hwang, Yuji Ikari, Alexandra J. Lansky  
**Discussants:** Wen-Lieng Lee, Satoru Sumitsuji, Chiung-Jen Wu

- 
- 10:00 AM     **Case #1: RCA CTO in a Patient with Poor LV Function**  
                  **Case Presenter:** Paul Hsien-Li Kao
- 
- 10:05 AM     **How Would I Treat This Patient?**  
                  Satoru Sumitsuji
- 
- 10:10 AM     **How Did I Treat This Patient?**  
                  **Case Presenter:** Paul Hsien-Li Kao
- 
- 10:18 AM     **Roundtable Discussion with Audience Q&A**
- 
- 10:25 AM     **Consensus and Take-home Messages**  
                  Jun-Jack Cheng

10:30 AM - 11:00 AM

**Session II. Japan Presents to Taiwan**

**Moderators:** Jun-Jack Cheng, Juey-Jen Hwang, Yuji Ikari, Alexandra J. Lansky  
**Discussants:** Wen-Lieng Lee, Satoru Sumitsuji, Chiung-Jen Wu

- 
- 10:30 AM     **Case #2: RCA CTO with a Prior Failed Attempt**  
                  **Case Presenter:** Kiyoshi Hibi
- 
- 10:35 AM     **How Would I Treat This Patient?**  
                  Wen-Lieng Lee
- 
- 10:40 AM     **How Did I Treat This Patient?**  
                  **Case Presenter:** Kiyoshi Hibi
- 
- 10:48 AM     **Roundtable Discussion with Audience Q&A**
- 
- 10:55 AM     **Consensus and Take-home Messages**  
                  Yuji Ikari

**International Session: STEMI & Out-of-Hospital Arrest**

Accreditation: CME

Saturday, September 13

10:00 AM - 11:00 AM

Room: Lower Level, Presentation Theater 2

10:00 AM - 10:36 AM

**Session I. UK Presents to Denmark**

**Moderators:** Nick Curzen, Thomas Engstroem, Liliana R. Grinfeld, James Nolan  
**Discussants:** Henning Kelbaek, Douglas F Muir

- 
- 10:00 AM     **Case #1: Out-of-Hospital Cardiac Arrest Without ST-Segment Elevation**  
                  **Case Presenter:** Douglas F Muir
- 
- 10:04 AM     **How Would I Treat This Case?**  
                  Henning Kelbaek
- 
- 10:08 AM     **How Did I Treat This Case?**  
                  **Case Presenter:** Douglas F Muir
- 
- 10:12 AM     **Case #2: Out-of-Hospital Cardiac Arrest with ST-Segment Elevation and Bystander Disease**  
                  **Case Presenter:** Douglas G. Fraser
- 
- 10:16 AM     **How Would I Treat This Patient?**  
                  **Discussant:** Thomas Engstroem
- 
- 10:20 AM     **How Did I Treat This Patient?**  
                  **Case Presenter:** Douglas G. Fraser
- 
- 10:24 AM     **Roundtable Discussion with Audience Q&A**
- 
- 10:32 AM     **Consensus and Take-home Messages**  
                  Nick Curzen

10:36 AM - 11:00 AM

**Session II. Denmark Presents to UK**

**Moderators:** Nick Curzen, Thomas Engstroem, Liliana R. Grinfeld, James Nolan  
**Discussants:** Henning Kelbaek, Douglas F Muir

- 
- 10:36 AM      **Case #3: RV Infarction After Inferior STEMI with Cardiogenic Shock**  
                 **Case Presenter:** Lene Holmvang
- 
- 10:41 AM      **How Would I Treat This Patient?**  
                 Nick Curzen
- 
- 10:45 AM      **How Did I Treat This Patient?**  
                 **Case Presenter:** Lene Holmvang
- 
- 10:52 AM      **Roundtable Discussion with Audience Q&A**
- 
- 10:57 AM      **Consensus and Take-home Messages**  
                 Thomas Engstroem

**International Session: Challenging STEMI Cases**

Accreditation: CME

Saturday, September 13

11:00 AM - 12:00 PM

Room: Lower Level, Presentation Theater 1

11:00 AM - 11:30 AM

**Session I. Ireland Presents to Switzerland**

**Moderators:** Greg L. Kaluza, Niall T. Mulvihill, Thomas Pilgrim, Marco Roffi  
**Discussants:** John Cosgrave, Oliver Gaemperli, Simon Walsh

- 
- 11:00 AM      **Case #1: A High-Risk STEMI Patient**  
                 **Case Presenter:** John Cosgrave
- 
- 11:05 AM      **How Would I Treat This Patient?**  
                 Oliver Gaemperli
- 
- 11:10 AM      **How Did I Treat This Patient?**  
                 **Case Presenter:** John Cosgrave
- 
- 11:17 AM      **Roundtable Discussion with Audience Q&A**
- 
- 11:25 AM      **Consensus and Take-home Messages**  
                 Niall T. Mulvihill

11:30 AM - 12:00 PM

**Session II. Switzerland Presents to Ireland**

**Moderators:** Greg L. Kaluza, Niall T. Mulvihill, Thomas Pilgrim, Marco Roffi  
**Discussants:** John Cosgrave, Oliver Gaemperli, Simon Walsh

- 
- 11:30 AM      **Case #2: Another High-Risk STEMI Patient**  
                 **Case Presenter:** Olivier Muller
- 
- 11:35 AM      **How Would I Treat This Patient?**  
                 Simon Walsh
- 
- 11:40 AM      **How Did I Treat This Patient?**  
                 **Case Presenter:** Olivier Muller
- 
- 11:47 AM      **Roundtable Discussion with Audience Q&A**
- 
- 11:55 AM      **Consensus and Take-home Messages**  
                 Marco Roffi

**International Session: Complex Patients, Complex Interv**



Accreditation: CME

Saturday, September 13

11:00 AM - 12:00 PM

Room: Lower Level, Presentation Theater 2

**11:00 AM - 11:30 AM**

**Session I. Russia Presents to Hong Kong**

**Moderators:** Bagrat Alekyan, Michael Kang-Yin Lee, Jeffrey W. Moses

**Discussants:** Chi-Kin Chan, Kam-Tim Chan, Alexander Grigorievich Osiev, Alexey Protopopov

11:00 AM **Introduction and Objectives**

11:03 AM **Case #1: Simultaneous TAVI and Endovascular Multiregional Intervention in a High-Risk Patient**

**Case Presenter:** Alexey Protopopov

11:08 AM **How Would I Treat This Case?**

Kam-Tim Chan

11:13 AM **How Would I Treat This Patient?**

**Case Presenter:** Alexey Protopopov

11:20 AM **Roundtable Discussion with Audience Q&A**

11:25 AM **Consensus and Take-Home Messages**

Bagrat Alekyan

**11:30 AM - 12:00 PM**

**Session II. Hong Kong Presents to Russia**

**Moderators:** Bagrat Alekyan, Michael Kang-Yin Lee, Jeffrey W. Moses

**Discussants:** Chi-Kin Chan, Kam-Tim Chan, Alexander Grigorievich Osiev, Alexey Protopopov

11:30 AM **Case #2: RCA Dissection from Diagnostic Catheter**

**Case Presenter:** Li-Wah Tam

11:35 AM **How Would I Treat This Case?**

Alexander Grigorievich Osiev

11:40 AM **How Would I Treat This Case?**

**Case Presenter:** Li-Wah Tam

11:47 AM **Roundtable Discussion with Audience Q&A**

11:55 AM **Consensus and Take-home Messages**

Chi-Kin Chan

**Hot Topic Lunch: ACC Fellows Sess. 1: ACS & Pharma**

Accreditation: CME

Saturday, September 13

12:15 PM - 1:45 PM

Room: Level 1, Room 145A

**Moderators:** George D. Dangas, Neal S. Kleiman

**Discussants:** Dominick J. Angiolillo, Laurent Bonello, Harold L. Dauerman, Jurrien M. Ten Berg, Marco Valgimigli

**12:15 PM - 1:00 PM**

**Session I. Therapeutic Options in the Cath Lab**

12:15 PM **Antithrombin Alternatives: Pros and Cons**

Harold L. Dauerman

12:25 PM **Are GP IIb/IIIa Inhibitors Still Useful?**

Marco Valgimigli

12:35 PM **Preloading P2Y12 Antagonists in NSTEMI-ACS and STEMI: Safe and Effective? What Regimens?**

Dominick J. Angiolillo

12:45 PM **Panel Discussion**

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

**Session II. Chronic Pharmacotherapies**

1:00 PM	<b>Is Platelet Reactivity Testing (Genetic or Functional) Indicated/Useful in 2014?</b> Laurent Bonello
1:10 PM	<b>Optimal Duration of DAPT After Intracoronary Stenting: Current Status</b> Roxana Mehran
1:20 PM	<b>PCI and Anticoagulation: Triple Therapy</b> Jurrien M. Ten Berg
1:30 PM	<b>Panel Discussion</b>

### Hot Topic Lunch: Cath Lab Complications

Accreditation: CME/CNE

Saturday, September 13

12:15 PM - 1:45 PM

Room: Level 1, Room 149B

**12:15 PM - 1:45 PM**

#### Minimizing and Managing Cath Lab Complications

**Moderators:** Liliانا R. Grinfeld, Robert W. Yeh

**Discussants:** Chun Huie Lin, Seung-Jung Park, Bernhard Reimers, Vinod H. Thourani, Mladen I. Vidovich

12:15 PM	<b>Opening CTOs Can't Make Things Worse or Can It? The Spectrum of CTO- and PCI-Related Complications</b> Sudhir Rathore
12:24 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>
12:27 PM	<b>Preventing, Recognizing, and Managing Aorto-Iliac Rupture in Big Catheter Procedures</b> Bernhard Reimers
12:39 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>
12:42 PM	<b>Valvular Migration During TAVR</b> Ganesh Manoharan
12:54 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>
12:57 PM	<b>Transradial Catheterization Complications</b> Mladen I. Vidovich
1:09 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>
1:12 PM	<b>Complications During Catheterization of Adults with Congenital Heart Disease</b> Chun Huie Lin
1:24 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>
1:27 PM	<b>Bailing Out the Interventionalist: When Is a Surgeon Really Needed?</b> Vinod H. Thourani
1:39 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>

### Hot Topic Lunch: Healthcare Reforms in China

Saturday, September 13

12:15 PM - 1:45 PM

Room: Level 2, Room 209A/B

**12:15 PM - 1:45 PM**

#### Bringing Evidence-Based Best Practices to Patients and Payment Reform in Rural Hospitals

**Moderator:** Jack C. Lewin

**Discussants:** Robert O. Bonow, Tsung-Mei Cheng, Run-Lin Gao

12:15 PM	<b>Welcome and Introductions</b> Jack C. Lewin
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12:25 PM	<b>Featured Speaker: Tsung-Mei Cheng</b>
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Tsung-Mei Cheng

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12:55 PM	<b>China Provider Perspective</b> Run-Lin Gao
1:05 PM	<b>US Provider Perspective</b> Robert O. Bonow
1:15 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>

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### Hot Topic Lunch: Interventional Career Development

Accreditation: CME

Saturday, September 13  
12:15 PM - 1:45 PM  
Room: Level 1, Room 145B

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**12:15 PM - 1:45 PM**

**Career Development for the "New" Interventionalist**

**Moderators:** Manish A. Parikh, Sahil A. Parikh

**Discussants:** Ziad A. Ali, Saif Anwaruddin, Somjot S. Brar, Jay S. Giri, Ethan C. Korngold, Marcella Calfon Press, Jennifer A. Tremmel

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12:15 PM	<b>Balancing Multiple Skills: Coronary and Peripheral</b> Sahil A. Parikh
12:23 PM	<b>Balancing Multiple Skills: Coronary and Structural</b> Anita Asgar
12:31 PM	<b>Roundtable Discussion with Audience Q&amp;A: Establishing Yourself in Your New Practice</b>
12:41 PM	<b>Getting Involved in Quality Improvement Programs During Your First 5 Years (Which One and Why)</b> Manesh R. Patel
12:49 PM	<b>Staying Current and Remaining Relevant: Evolving with the Field</b> David A. Cox
12:57 PM	<b>Roundtable Discussion with Audience Q&amp;A: Avoiding "Rookie" Mistakes in Practice Development</b>
1:07 PM	<b>Getting Started in a University Practice: What to Do and What Not to Do</b> Jennifer A. Tremmel
1:15 PM	<b>Being a Good Site-Based Investigator: How to Pick Projects and Succeed</b> Ehrin J. Armstrong
1:23 PM	<b>Essentials in Your First Five Years to Grow Your Career</b> Manish A. Parikh
1:31 PM	<b>Roundtable Discussion with Audience Q&amp;A: Secrets for Success</b>

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### Hot Topic Lunch: JACC: Top Abstract Presentations

Accreditation: CME

Saturday, September 13  
12:15 PM - 1:45 PM  
Room: Level 1, Room 144B

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**12:15 PM - 1:45 PM**

**JACC Session: Top Oral Abstract Presentations to the Editors**

**Moderator:** Valentin Fuster

**Discussants:** Vasilis Babaliaros, David R. Holmes Jr., Spencer B. King III, Jagat Narula

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12:15 PM	<b>TCT 644: Stent Thrombosis Rates of the Biodegradable Polymer, Biolimus-Eluting Stent Versus the Durable Polymer, Everolimus-Eluting Stent in All Comers Undergoing PCI: A Pooled Analysis of the COMPARE II and NEXT Trials at 1 Year</b> Pieter C. Smits
12:25 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>

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12:30 PM	<b>TCT 127: Incidence, Predictors, and Prognostic Impact of Postdischarge Bleeding After Percutaneous Coronary Intervention</b> Philippe G�n�reux
12:40 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>
12:45 PM	<b>TCT 615: ABSORB EXTEND: An Interim Report on the 36-Month Clinical Outcomes from the First 250 Patients Enrolled</b> Pieter C. Smits
12:55 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>
1:00 PM	<b>TCT 313: Characterization of Lesion Shape and Hemodynamic Forces Acting on Coronary Artery Atherosclerotic Plaques Using Computational Flow Dynamics and Computed Tomography Data</b> Bon-Kwon Koo
1:10 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>
1:15 PM	<b>TCT 691: Clinical Impact of the Presence of Aortic Regurgitation Following Transcatheter Aortic Valve Replacement: Insights Into the Degree and Acuteness of Presentation</b> Marina Urena, MD
1:25 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>
1:30 PM	<b>TCT 692: Multicenter Clinical Study Evaluating a Novel Resheathable Self-Expanding Transcatheter Aortic Valve System</b> Ganesh Manoharan
1:40 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>

### Hot Topic Lunch: Radiation Course, Module 1

Accreditation: CME/CNE

Saturday, September 13  
12:15 PM - 1:45 PM  
Room: Level 1, Room 142

**12:15 PM - 1:45 PM**

**Basics**

12:15 PM	<b>Introduction and Sign In</b> Stephen Balter
12:30 PM	<b>Pretest</b> Stephen Balter
12:40 PM	<b>Basic Topics</b> Stephen Balter
1:20 PM	<b>Module 1 Exam</b> Stephen Balter
1:30 PM	<b>Discussion and Poster Viewing</b> Dustin Lynch

### Hot Topic Lunch: SCAI Leadership Boot Camp

Accreditation: CME

Saturday, September 13  
12:15 PM - 1:45 PM  
Room: Level 2, Room 208A/B

**12:15 PM - 1:45 PM**

**The SCAI Cath Lab Leadership Boot Camp**

**Moderators:** Peter L. Duffy, Sunil V. Rao

12:15 PM	<b>What is the SCAI Cath Lab Leadership Boot Camp?</b> Charles E. Chambers
12:25 PM	<b>The Role of the Cath Lab Leader: Quality and Education</b>

Kirk N. Garratt

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12:45 PM	<b>The 2014 Cath Lab: Budget, Inventory, and New Technology</b> Robert J. Applegate
1:05 PM	<b>Challenges for the Cath Lab Leader: From Credentialing to Conflict Resolution</b> Ehtisham Mahmud
1:25 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>

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### Hot Topic Lunch: Tricuspid Valve Disease

Accreditation: CME/CNE

Saturday, September 13  
12:15 PM - 1:47 PM  
Room: Level 1, Room 144C

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<b>12:15 PM - 1:47 PM</b>	<b>Tricuspid Valve Disease: An Emerging Therapeutic Target</b>
	<b>Moderator:</b> Alec S. Vahanian <b>Discussants:</b> James S. Gammie, Ziyad M. Hijazi, Scott Lim, Maurice E. Sarano, Lars Sondergaard
12:15 PM	<b>Tricuspid Regurgitation: Natural History and Surgical Indications and Outcomes</b> James S. Gammie
12:25 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>
12:30 PM	<b>Transcatheter Valve Implantation in the IVC/SVC</b> Alexander Lauten
12:40 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>
12:45 PM	<b>Transcatheter "Valve-in-Valve" and "Valve-in-Ring" in the Tricuspid Position After Surgical Failure: The Edwards Sapien Experience</b> Dominique Himbert
12:55 PM	<b>Transcatheter "Valve-in-Valve" and "Valve-in-Ring" in the Tricuspid Position After Surgical Failure: The Melody Experience</b> Doff B. McElhinney
1:05 PM	<b>Case Presentation: Complex Tricuspid Valve-in-Valve or Valve-in-Ring</b> <b>Case Presenter:</b> Ziyad M. Hijazi
1:13 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>
1:23 PM	<b>Tricinch: FIM Transfemoral Tricuspid Regurgitation Repair with a Cinching Device</b> Francesco Maisano
1:31 PM	<b>Mitralign: Percutaneous Annuloplasty for Tricuspid Regurgitation</b> Scott Lim
1:39 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>

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### Learn the Technique: CTO Antegrade Reentry Techniques

Accreditation: CME

Saturday, September 13  
12:15 PM - 1:45 PM  
Room: Level 1, Room 143A

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<b>12:15 PM - 1:45 PM</b>	<b>CTO Antegrade Reentry Techniques</b>
	<b>Moderators:</b> Minh Vo, Gerald S. Werner, R. Michael Wyman
12:15 PM	<b>Introduction: A Historic Perspective on Antegrade CTO PCI</b> Gerald S. Werner
12:25 PM	<b>The Bridgepoint CrossBoss and Stingray Device</b>

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R. Michael Wyman

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12:40 PM	<b>Taped Case #1: Antegrade Dissection and Reentry</b> <b>Case Presenter:</b> Simon Walsh
1:00 PM	<b>Tips and Tricks on Managing Distal Cap Bifurcations</b> Colm Hanratty
1:10 PM	<b>Taped Case #2: Antegrade Dissection and Reentry</b> <b>Case Presenter:</b> Emmanouil S. Brilakis
1:30 PM	<b>Tips and Tricks for Managing the Landing Zone and Hematomas</b> Simon Walsh

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### Learn the Technique: LAA Occlusion

Accreditation: CME

Saturday, September 13

12:15 PM - 1:45 PM

Room: Level 1, Room 144A

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**12:15 PM - 1:45 PM**

**LAA Occlusion**

**Moderators:** Josep Rodés-Cabau, Carlos E. Ruiz

**Discussants:** Pavel Cervinka, Ramon Quesada, Thomas Schmitz, Zoltan G. Turi, Brian K. Whisenant, Nina C. Wunderlich, Steven J. Yakubov

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12:15 PM	<b>Preprocedure Groundwork: Imaging the LAA and Device Selection</b> Carlos E. Ruiz
12:25 PM	<b>LAA Closure with the Watchman Device: A Perfect Case (Step-by-Step)</b> <b>Case Presenter:</b> Ramon Quesada
12:32 PM	<b>Watchman Nightmare Case and Teaching Moment #1: A Perforation</b> <b>Case Presenter:</b> Maurice Buchbinder
12:39 PM	<b>Watchman Nightmare Case and Teaching Moment #2: Improper Device Sizing with Embolization</b> <b>Case Presenter:</b> Vivek Y. Reddy
12:46 PM	<b>LAA Closure with the ACP Device: A Perfect Case (Step-by-Step)</b> <b>Case Presenter:</b> Josep Rodés-Cabau
12:53 PM	<b>ACP Nightmare Case and Teaching Moment #1: Embolization</b> <b>Case Presenter:</b> Jacqueline Saw
1:00 PM	<b>ACP Nightmare Case and Teaching Moment #2: An Unusual Complication</b> <b>Case Presenter:</b> Sameer Gafoor
1:07 PM	<b>LAA Closure with the LARIAT Device: A Perfect Case (Step-by-Step)</b> <b>Case Presenter:</b> Steven J. Yakubov
1:14 PM	<b>LARIAT Nightmare Case and Teaching Moment #1: RV Perforation</b> <b>Case Presenter:</b> Matthew J. Price
1:21 PM	<b>LARIAT Nightmare Case and Teaching Moment #2: Failure to Occlude</b> <b>Case Presenter:</b> Saibal Kar
1:28 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>
1:40 PM	<b>LAA Occlusion Perspectives: Takeaway Lessons from This Session</b> Zoltan G. Turi

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### Learn the Technique: Nuts & Bolts of FFR, iFR, & Pd/Pa

Accreditation: CME

Saturday, September 13

12:15 PM - 1:45 PM  
Room: Level 1, Room 143B

**12:15 PM - 1:45 PM**

**Nuts and Bolts of FFR, iFR, and Pd/Pa**

**Moderators:** Javier Escaned, Habib Samady  
**Discussants:** Justin E. Davies, William F. Fearon, Nico H.J. Pijls

- 
- 12:15 PM      **Optimal FFR Technique: Case-Based Review of Guide Selection, Hyperemia, Wire Manipulation, and Tracing Interpretation**  
**Case Presenter:** Nico H.J. Pijls
- 
- 12:30 PM      **FFR Artifacts, Pitfalls, and Grey Zones: Case-Based Review of Left Main and Serial Lesions**  
**Case Presenter:** William F. Fearon
- 
- 12:45 PM      **FFR Case Review in ACS and in Diffuse Disease**  
**Case Presenter:** Habib Samady
- 
- 1:00 PM        **Pd/Pa and iFR for Guiding PCI: Similarities and Differences Illustrated by Case Examples**  
**Case Presenter:** Javier Escaned
- 
- 1:15 PM        **Case Reviews: iFR to Guide PCI in Diffuse and Multivessel CAD**  
**Case Presenter:** Justin E. Davies
- 
- 1:30 PM        **Case Reviews: FFR and iFR in Patients with Prior Noninvasive Imaging in Complex CAD**  
**Case Presenter:** Allen Jeremias

**Learn the Technique: TAVR Tips & Tricks**

Accreditation: CME

Saturday, September 13  
12:15 PM - 1:45 PM  
Room: Level 1, Room 143C

**12:15 PM - 12:56 PM**

**Session I. Choosing a Valve Size**

**Moderators:** Gregory P. Fontana, Jean-Claude Laborde  
**Discussants:** Jonathon A. Leipsic, Stamatios Lerakis, Raj Makkar, Jeffrey J. Popma, E. Murat Tuzcu

- 
- 12:15 PM      **CT Imaging Protocols and Techniques for Annular Measurement**  
Jonathon A. Leipsic
- 
- 12:25 PM      **Annulus Sizing Using Echo (TTE and TEE)**  
Stamatios Lerakis
- 
- 12:35 PM      **Which Valve, Which Size? Three Illustrative Cases**  
**Case Presenter:** Stephen J.D. Brecker

**12:56 PM - 1:45 PM**

**Session II. Management of Challenging Clinical Scenarios**

**Moderators:** Gregory P. Fontana, Jean-Claude Laborde  
**Discussants:** Jonathon A. Leipsic, Stamatios Lerakis, Raj Makkar, Jeffrey J. Popma, E. Murat Tuzcu

- 
- 12:56 PM      **Case #4. How to Handle Bicuspid Valves with CoreValve**  
**Case Presenter:** Jean-Claude Laborde
- 
- 1:03 PM        **Case #5. How to Handle Bicuspid Valves with Sapien**  
**Case Presenter:** Azeem Latib
- 
- 1:10 PM        **Case #6. How to Handle a Horizontal Aorta with CoreValve**  
**Case Presenter:** Jean-Claude Laborde
- 
- 1:17 PM        **Case #7. How to Handle a Horizontal Aorta with Sapien**  
**Case Presenter:** E. Murat Tuzcu
- 
- 1:24 PM        **Case #8. How to Handle Threatened Coronary Arteries with CoreValve**  
**Case Presenter:** Azeem Latib
- 
- 1:31 PM        **Case #9. How to Handle Threatened Coronary Arteries with Sapien**  
**Case Presenter:** Raj Makkar

1:38 PM

**Case #10. How to Handle Annular Rupture or Root Injury**

**Case Presenter:** Gregory P. Fontana

**Skeptic's Corner Part 1**

Accreditation: CME

Saturday, September 13

12:15 PM - 1:45 PM

Room: Level 1, Room 103B

**12:15 PM - 12:45 PM**

**Session I. Skepticon 1: In Triple Vessel Disease, Should FFR Be Used to “Downgrade” the SYNTAX Score to Find Patients Eligible for Stenting?**

**Moderators:** Sanjay Kaul, Ajay J. Kirtane

**Discussants:** Usman Baber, Eric R. Bates, Ori Ben-Yehuda, Steven P. Marso, Alan C. Yeung

12:15 PM

**Pre-debate Vote: What Does the Audience Think?**

**Moderator:** Sanjay Kaul

12:18 PM

**Yes: The Time Has Come for Physiology-Guided Revascularization!**

Nick Curzen

12:26 PM

**No: Another Misguided Effort Keeping Patients Away from a Superior Operation!**

David Taggart

12:34 PM

**“In Your Face” Rebuttal Questions**

12:42 PM

**Post-debate Vote: Did We Change Any Minds?**

**Moderator:** Sanjay Kaul

**12:45 PM - 1:15 PM**

**Session II. Skepticon 2: Is Renal Artery Denervation Dead in the Water?**

**Moderators:** Sanjay Kaul, Ajay J. Kirtane

**Discussants:** Usman Baber, Eric R. Bates, Ori Ben-Yehuda, Steven P. Marso, Alan C. Yeung

12:45 PM

**Pre-debate Vote: What Does the Audience Think?**

**Moderator:** Ajay J. Kirtane

12:48 PM

**Negatory: There are Logical Reasons for Why Renal Artery Denervation Failed in SIMPLICITY HTN-3!**

David E. Kandzari

12:56 PM

**Affirmative: Time to Move On!**

Sripal Bangalore

1:04 PM

**“In Your Face” Rebuttal Questions**

1:12 PM

**Post-debate Vote: Did We Change Any Minds?**

**Moderator:** Ajay J. Kirtane

**1:15 PM - 1:45 PM**

**Session III. Skepticon 3: A-fib + DES – Should Aspirin Routinely Be Dropped?**

**Moderators:** Sanjay Kaul, Ajay J. Kirtane

**Discussants:** Usman Baber, Eric R. Bates, Ori Ben-Yehuda, C. Michael Gibson, Steven P. Marso, Alan C. Yeung

1:15 PM

**Pre-debate Vote: What Does the Audience Think?**

**Moderator:** Sanjay Kaul

1:18 PM

**Yes: What is WORST is BEST!**

Christopher B. Granger

1:26 PM

**No: And I'll Show You Why!**

Joanna J. Wykrzykowska

1:34 PM

**“In Your Face” Rebuttal Questions**

1:42 PM

**Post-debate Vote: Did We Change Any Minds?**

**Moderator:** Sanjay Kaul



Saturday, September 13

8:00 AM - 1:00 PM

Room: Level 2, Room 204B/C

**8:00 AM - 9:15 AM**

**Session I. Fundamental Knowledge**

**Moderator:** Thomas H. Maloney

**Digital Moderator:** John R. Zimmerman

**Discussants:** Sally Elliott, Brian L. Kaminsky, Elena Ladich, George W. Vetrovec

8:00 AM **Introduction and Session Objectives**  
Thomas H. Maloney

8:05 AM **Simulated Coronary Angiography With the Interventional Cardiologist**  
George W. Vetrovec

8:25 AM **Hemodynamics of the Normal Heart With the Technologist**  
Sally Elliott

8:45 AM **Live Heart Dissection With the Pathologist**  
Sally Elliott, Brian L. Kaminsky, Elena Ladich

**9:15 AM - 10:25 AM**

**Session II. The Aortic Valve: A Deep Dive**

**Moderator:** Thomas H. Maloney

**Digital Moderator:** John R. Zimmerman

**Discussants:** Elena Ladich, Tim J. Lapp, Tim R. Martin

9:15 AM **Fundamental Knowledge: Aortic Valve Anatomy, Function, and Relational Pathology**  
Tim R. Martin

9:35 AM **Hemodynamics of Aortic Stenosis and Live Calculations Using the Telestrator**  
Tim J. Lapp

9:55 AM **Cardiologist's Perspective: How I Use the Anatomical and Hemodynamic Data in TAVR Clinical Decision Making**  
Morton J. Kern

10:10 AM **Live Insertion of a Transcatheter Aortic Valve With the Pathologist and Interventionalist**  
**Discussants:** Morton J. Kern, Elena Ladich, Tim J. Lapp, Tim R. Martin

**10:25 AM - 11:35 AM**

**Session III. The Mitral Valve: A Deep Dive**

**Moderator:** Thomas H. Maloney

**Digital Moderator:** John R. Zimmerman

**Discussants:** Jeff Davis, Kenneth A. Gorski, Elena Ladich, Michael J. Rinaldi

10:25 AM **Fundamental Knowledge: Mitral Valve Anatomy, Function, and Relational Pathology**  
Kenneth A. Gorski

10:45 AM **Hemodynamics of Mitral Regurgitation and Live Calculations Using the Telestrator**  
Jeff Davis

11:05 AM **Cardiologist's Perspective: How I Use the Anatomical and Hemodynamic Data in MitraClip Clinical Decision Making**  
Michael J. Rinaldi

11:20 AM **Live Insertion of a MitraClip With the Pathologist and Interventionalist**  
**Discussants:** Jeff Davis, Michael J. Rinaldi  
Elena Ladich

**11:35 AM - 12:15 PM**

**Session IV. The Left Atrium: A Deep Dive**

**Moderator:** Marsha Holton

**Digital Moderator:** John R. Zimmerman

**Discussants:** Jeff Davis, Elena Ladich

11:35 AM **Fundamental Knowledge: Left Atrial Appendage Anatomy, Function, and Relational Pathology**  
Brij Maini

11:45 AM **Hemodynamic and Patient-Care Concerns When Accessing the Left Atrium**  
Jeff Davis

12:00 PM **Live Insertion of a Left Atrial Appendage Occluder With the Pathologist and Interventionalist**  
**Discussant:** Brij Maini  
Elena Ladich

12:15 PM - 1:00 PM

**Session V. Hands on Hearts Bioskills Session**

**Moderator:** Elena Ladich

**Discussants:** Jeff Davis, Sally Elliott, Kenneth A. Gorski, Marsha Holton, Brian L. Kaminsky, Albert Kaniasty, Tim J. Lapp, Tim R. Martin, Michelle Olson, John R. Zimmerman

12:15 PM **Cadaver Hearts (Courtesy of CV Path)**

**23rd Annual Nurse and Technologist Symposium Part II: TCT 360 Session**

Accreditation: CNE

Saturday, September 13

2:00 PM - 5:00 PM

Room: Level 2, Room 204B/C

2:00 PM - 3:30 PM

**Case Session I**

**Moderators:** Regina Deible, Julie Logan

**Digital Moderator:** John R. Zimmerman

**Discussants:** David LaRosa, Thomas H. Maloney, Deepak R. Talreja, Marcin Wizimirski, David JL Zughaft

2:00 PM **Case #1: Chronic Total Occlusion PCI (Piedmont)**  
**Case Presenter:** Regina Deible

2:45 PM **Case #2: Saphenous Vein Graft PCI (NYP)**  
**Case Presenter:** Julie Logan

3:30 PM - 5:00 PM

**Case Session II**

**Moderators:** Marian C. Hawkey, Thomas H. Maloney

**Digital Moderator:** Martina Kelly Speight

**Discussants:** Sarah Clarke, Asma Hussaini, Omar K. Khaliq, Sandra Lauck, Gabriel Maluenda, Jacqueline Saw

3:30 PM -  
4:15 PM **Case #3: Left Atrial Appendage Closure (Frankfurt)**

3:30 PM **Panel and Video Introduction of the Case**  
**Case Presenter:** Thomas H. Maloney

3:35 PM **Describing the Patient Profile for Left Atrial Appendage Closure**  
Asma Hussaini

3:40 PM **Case Presentation on Echocardiography and an Audience Response Question**

3:45 PM **Left Atrial Appendage Echocardiography for the Nurse and Technologist**  
Jacqueline Saw

3:52 PM **Case Presentation of the Left Atrial Appendage Procedure**

4:05 PM **Panel Discussion of the Case Result**

4:10 PM **Clinical Data and Rationale for Left Atrial Appendage Closure**  
Gabriel Maluenda

4:15 PM -  
5:00 PM **Case #4: Transcatheter Aortic Valve Replacement (St. Paul's Hospital)**

4:15 PM **Case Introduction and Discussion**  
**Case Presenter:** Marian C. Hawkey

4:30 PM **Imaging Basics: Utilization of CT and Echo for Preprocedural and Periprocedural Decision Making**  
Omar K. Khaliq

4:35 PM **Case Discussion**  
**Case Presenter:** Marian C. Hawkey

4:45 PM **TAVR and Dementia: Considerations for Case Selection and Outcome Evaluation**  
Danny Dvir

4:50 PM **Case Conclusion and Discussion**  
**Case Presenter:** Marian C. Hawkey

### Moderated Poster Abstract Session I: Coronary

Saturday, September 13  
5:00 PM - 7:00 PM  
Room: Lower Level, Hall A

5:00 PM - 7:00 PM

#### Moderated Poster Abstract Session I. Coronary

**Moderators:** Gerald S. Werner, Nicolas M. van Mieghem

**Discussants:** Ehrin J. Armstrong, Hector M. Garcia-Garcia, Nils Johnson, Elvin Kedhi, Duane S. Pinto, Abhiram Prasad, Wojtek Wojakowski

- 5:15 PM **TCT 242: Outcomes with Coronary Artery Bypass Graft Surgery vs. Percutaneous Coronary Intervention for Patients with Diabetes Mellitus - Can Newer Generation Drug Eluting Stents Bridge the Gap?**  
**Discussant:** Bora Toklu
- 5:25 PM **TCT 197: Long-term Survival Benefit of Revascularization compared with Medical Therapy in Patients with Coronary Chronic Total Occlusion and Well-developed Collateral Circulation**  
**Discussant:** Woo Jang
- 5:35 PM **TCT 461: Bivalirudin Versus Unfractionated Heparin in Percutaneous Coronary Intervention for Stable Angina: A Randomized Clinical Trial (STATUS-PCI)**  
**Discussant:** Fabio Lima
- 5:45 PM **TCT 16: Index of microcirculatory resistance as an early predictive factor of LV remodeling after reperfused myocardial infarction**  
**Discussant:** Marc Sirol
- 5:55 PM **TCT 18: Predictors of LVEF Improvement after Primary Stenting in ST-Segment Elevation Myocardial Infarction: The HORIZONS-AMI trial**  
**Discussant:** Gregory Serrao
- 6:05 PM **TCT 314: Prevalence Of Coronary Microvascular Dysfunction Amongst Patients with Chest Pain And Non-Obstructive Coronary Artery Disease**  
**Discussant:** Jaskanwal Sara
- 6:15 PM **TCT 648: The Optimal Strategy for Restenosis With Stent Fracture After Drug-Eluting Stent Implantation: Plain Old Balloon Angioplasty vs. Paclitaxel-Coated Balloon vs. Drug-Eluting Stent**  
**Discussant:** Suguru Otsuru
- 6:25 PM **TCT 613: ABSORB FIRST: An interim report on baseline characteristics and acute performance on the first 1,200 patients from a prospective, multi-center, global registry**  
**Discussant:** Olivier Muller
- 6:35 PM **TCT 616: Attenuation Analysis Of The ?Sealing Effect? And Plaque Morphology 5 Years After Implantation Of The Everolimus-Eluting Bioresorbable Vascular Scaffold. An Optical Coherence Tomography Study**  
**Discussant:** Antonios Karanasos

### Moderated Poster Abstract Session II: Structural

Saturday, September 13  
5:00 PM - 7:00 PM  
Room: Lower Level, Hall A

5:00 PM - 7:00 PM

#### Moderated Poster Abstract Session II. Structural

**Moderators:** Charles J. Davidson, Daniel I. Simon

**Discussants:** Zahid Amin, Usman Baber, Nirat Beohar, Mark Goldberger, Petr Kala, Jan Kovac, Chaim S. Lotan

- 5:15 PM **TCT 253: The Deleterious Implications of Contrast Induced Nephropathy in Patients Undergoing Peripheral Vascular Intervention: Observations from the Blue Cross Blue Shield of Michigan Cardiovascular Consortium Vascular Interventions Collaborative (BMC2 VI)**  
**Discussant:** Paul Grossman

5:25 PM	<b>TCT 254: Very Low Intravenous Contrast Dose (20cc) Protocol for Computed Tomography Angiography (CTA) Providing Comprehensive Cardiac and Vascular Assessment for Transcatheter Aortic Valve Replacement (TAVR) in Patients with Chronic Kidney Disease (CKD)</b> <b>Discussant:</b> Todd Pulerwitz
5:35 PM	<b>TCT 407: Evaluation of the Acute and Long Term Renal Artery Re-Innervation Attempt Response Following Catheter-Based Renal Denervation in a Swine Model: An Immunohistochemical Characterization</b> <b>Discussant:</b> Armando Tellez
5:45 PM	<b>TCT 665: Early Aortic Transcatheter Heart Valve Thrombosis: Diagnostic Value of Contrast-Enhanced Multislice Computed Tomography</b> <b>Discussant:</b> Nicolaj Hansson
5:55 PM	<b>TCT 684: Impact Of Mixed Aortic Valve Stenosis On VARC-2 Outcomes And Post-Procedural Peri-Prosthetic Aortic Regurgitation In Patients Undergoing Transcatheter Aortic Valve Implantation: Results From The International Multicentric Study PRAGMATIC (Pooled)</b> <b>Discussant:</b> Gennaro Giustino
6:05 PM	<b>TCT 702: Multicenter Assessment of TAVR in Failed Aortic Bioprostheses: Evaluation of Implantation Depth and Association with Elevated Post-Procedural Gradients in SAPIEN vs. CoreValve Valve-in-Valve Implantation</b> <b>Discussant:</b> Matheus Santos
6:15 PM	<b>TCT 691: Clinical Impact of the Presence of Aortic Regurgitation Following Transcatheter Aortic Valve Replacement: Insights into the Degree and Acuteness of Presentation</b> <b>Discussant:</b> Marina Urena
6:25 PM	<b>TCT 802: Long-Term Follow-Up for Complete Transcatheter Melody Valve-in-Valve Implantation for High-Pressure Systemic Bioprosthesis Failure</b> <b>Discussant:</b> Sean Wilson
6:35 PM	<b>TCT 164: Is Amplatzer Duct Occluder II Ideal for Closure of Congenital Gerbode's Defect?</b> <b>Discussant:</b> Natraj Setty

## iASSESS Day I, Saturday, Sept. 13

Accreditation: CME

Saturday, September 13

8:00 AM - 6:00 PM

Room: Level 1, Room 146B/C

**8:00 AM - 12:00 PM**

**iASSESS Day I - Morning Session**

**Moderators:** Tayo A. Addo, George D. Dangas

8:00 AM      **Statistics and Clinical Study Design: Teaching Through Example**  
**Moderator:** Stuart J. Pocock  
Herbert D. Aronow

8:45 AM      **Complications Related to Contrast, Commonly Used Medications, and Radiation Exposure**  
**Moderator:** Tayo A. Addo  
John L. Petersen

9:30 AM      **Femoral Access and Related Complications**  
**Moderator:** Jose M. Wiley  
Douglas E. Drachman

10:00 AM     **Radial Access and Related Complications**  
**Moderator:** Sunil V. Rao  
Jeffrey M. Schussler

10:30 AM     **Stable Angina: PCI vs CABG vs OMT**  
**Moderator:** J. Jeffrey Marshall  
Thomas M Tu

11:15 AM     **NSTE-ACS: Risk Stratification and Treatment**  
**Moderator:** Emmanouil S. Brilakis  
Dmitriy N. Feldman

12:00 PM - 1:00 PM

Break

1:00 PM - 6:00 PM

iASSESS Day I - Afternoon Session

**Moderators:** Tayo A. Addo, Manish A. Parikh, Shahram Yazdani

1:00 PM

**STEMI: Treatment Strategies, Drugs, and Devices**

**Moderator:** Tayo A. Addo  
Marc Etienne Jolicoeur

2:00 PM

**Bare Metal and Drug-Eluting Stents: Devices, Indications, and Outcomes**

**Moderator:** Emmanouil S. Brilakis  
J. Dawn Abbott

3:00 PM

**Restenosis and Stent Thrombosis**

**Moderator:** George D. Dangas  
Kevin J. Croce

4:00 PM

**Complex Coronary Lesions (Left Main, Bifurcations, CTO, SVGs)**

**Moderator:** George D. Dangas  
Tayo A. Addo

5:00 PM

**Antithrombin Therapy and GP IIb/IIIa Inhibitors in Patients with ACS and in Those Undergoing PCI**

**Moderator:** Frederick Feit  
Sripal Bangalore

### Visual Interactive Technology Center: Hands on Hearts

Saturday, September 13

8:00 AM - 12:30 PM

Room: Lower Level, Visual Interactive Technology Center

8:00 AM - 12:30 PM

Hands on Hearts

**Discussants:** Tobias Koppara, Robert Kutys, Elena Ladich, Michelle Olson, Oscar David Sanchez, Kazuyuki Yahagi

### Visual Interactive Technology Center: Technology Demonstration Session and Interactive BioSkills Program: TAVR Technologies

Saturday, September 13

9:00 AM - 12:20 PM

Room: Lower Level, BioSkills Theater

9:00 AM - 10:30 AM

**Transaortic Valve Replacement - The Interventional Toolbox: Hands-on Technology Demonstration**

10:30 AM - 12:20 PM

**VITC: TAVR Technologies**

**Moderator:** Juan F. Granada

Notice: Undefined index: \_empty\_ in /home/admincrf.org/www/admin.crf.org/components/com\_meetings/helpers/agenda.php on line 184 Mark Reisman

**Technical Faculty:** James B. Hermiller Jr, Azeem Latib, Jonathon A. Leipsic, Stamatios Lerakis, Reginald I. Low, Josep Rodés-Cabau

10:30 AM -

11:00 AM

**Correlative Patho-Anatomy: Interactive Media Demonstrations**

10:30 AM

**The Human Aortic Valve: Technical Landmarks and Considerations for TAVR Implantation**

Mark Reisman

10:50 AM

**Moderated Discussion with Audience Q&A**

11:00 AM -

11:40 AM

**Interventional Imaging of the Aortic Valve: In Vivo Anatomical Correlation and Considerations for Device Implantation**

11:00 AM

**Evolution of CT Assessment of TAVR**

Jonathon A. Leipsic

11:10 AM

**Evolution of Echo Assessment of TAVR**

Stamatios Lerakis

11:20 AM

**Moderated Discussion with Audience Q&A**

11:40 AM -  
12:20 PM

**Anatomy-Device Interaction: Interactive Media Demonstration**

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11:40 AM	<b>Impact of TAVR Design on Technical Success: Opportunities for and Challenges of Current and Future TAVR Technologies</b> Mark Reisman
12:00 PM	<b>Moderated Discussion with Audience Q&amp;A</b>
12:20 PM	<b>Adjourn</b>

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**Partnership Session: CACI @ TCT**

Accreditation: CME

Saturday, September 13  
7:00 PM - 9:00 PM  
Room: Level 1, Room 144B

**7:00 PM - 8:00 PM**

**Session I. Revascularization in Diabetic Patients**

**Moderators:** Alejandro Cherro, Liliana R. Grinfeld

**Discussants:** Miguel A Ballarino, Michael E. Farkouh, Antonio Pocovi, Alfredo E. Rodriguez, Omar Anibal Santaera, Gregg W. Stone

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7:00 PM      **PCI vs CABG: Surgery for Most!**  
Michael E. Farkouh

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7:10 PM      **PCI vs CABG: PCI for Most!**  
Gregg W. Stone

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7:20 PM      **Discussion with Audience Q&A**

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7:35 PM      **PCI Outcomes in Diabetic Patients Outside the United States and European Union**  
Alfredo E. Rodriguez

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7:45 PM      **Case Presentation #1: The Diabetic Patient Needing Revascularization**  
**Case Presenter:** Adolfo G López Campanher

**8:00 PM - 9:00 PM**

**Session II. Treatment of Aortic Stenosis**

**Moderators:** Alejandro O. Palacios, Ernesto M. Torresani

**Discussants:** Jose A. Alvarez, Anibal A. Damonte, Jose Navia, Miguel Oscar Payaslian, Ruben A. Piraino, Alec S. Vahanian

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8:00 PM      **Surgery for All but the Highest-Risk Patients!**  
Jose Navia

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8:10 PM      **TAVR Is Preferred for All but the Lowest-Risk Patients!**  
Alec S. Vahanian

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8:20 PM      **Outcomes of TAVR and SAVR: Argentinean Registries**  
Miguel Oscar Payaslian

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8:30 PM      **Discussion with Audience Q&A**

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8:45 PM      **Case Presentation #2: Aortic Stenosis in an Intermediate-Risk Patient**  
**Case Presenter:** Adolfo G López Campanher

**Partnership Session: CADECI in Partnership with TCT**

Accreditation: CME

Saturday, September 13  
7:00 PM - 9:00 PM  
Room: Level 1, Room 144C

**7:00 PM - 9:00 PM**

**Novel Problems – Current and Emerging Solutions**

**Moderators:** Jose Luis Assad-Morell, Efrain Gaxiola

**Discussants:** Guering Eid-Lidt, Jorge Gaspar, Saibal Kar, Luis Nombela, Matthew J. Price, Vanessa Rubio, Carlos E. Ruiz, Armando Tellez

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7:00 PM	<b>Endovenous Reconstruction of Occlusive Iliocaval Disease</b> Vanessa Rubio
7:12 PM	<b>Percutaneous Mechanical Thrombectomy in Acute Pulmonary Embolism</b> Guering Eid-Lidt
7:24 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>
7:30 PM	<b>Percutaneous Left Atrial Appendage Closure for Atrial Fibrillation: Where Are We Compared to New Drugs and Ablation</b> Matthew J. Price
7:42 PM	<b>Paravalvular Leaks: How and When to Fix Them Percutaneously</b> Carlos E. Ruiz
7:54 PM	<b>Frequent TAVR Complications and How to Solve Them</b> Luis Nombela
8:06 PM	<b>Transcatheter Mitral Valve Repair (Mitraclip): Use and Abuse</b> Saibal Kar
8:18 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>
8:30 PM	<b>Adult Congenital Heart Disease Interventions: A Changing Panorama</b> Jorge Gaspar
8:42 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>
8:45 PM	<b>Is Renal Denervation a Blockbuster Therapy or Have We Ground to a Halt?</b> Armando Tellez
8:57 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>

#### Partnership Session: CIT in Partnership with TCT

Accreditation: CME

Saturday, September 13

7:00 PM - 9:00 PM

Room: Level 1, Room 103A

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##### 7:00 PM - 7:30 PM

##### Session I. TAVR

**Moderators:** Run-Lin Gao, Martin B. Leon

**Discussants:** Eberhard Grube, Xiangqing Kong, Michael Kang-Yin Lee

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7:00 PM	<b>TAVR Case Presentation: Introduction and Challenges</b> <b>Case Presenter:</b> Jian'an Wang
7:05 PM	<b>Discussion: How Should This Case Be Approached?</b>
7:10 PM	<b>TAVR Case Presentation: Procedure and Follow-up Results</b> <b>Case Presenter:</b> Jian'an Wang
7:15 PM	<b>Discussion: What Have We Learned from this Case?</b>
7:20 PM	<b>Early Experiences with TAVR in China</b> Mao Chen

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##### 7:30 PM - 8:00 PM

##### Session II. Left Main Bifurcation

**Moderators:** Run-Lin Gao, Martin B. Leon

**Discussants:** Shao Liang Chen, Kenneth Chin, Shuzheng Lu, Lefeng Wang

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7:30 PM	<b>Left Main Bifurcation Case Presentation: Introduction and Challenges</b> <b>Case Presenter:</b> Jian Liu
7:35 PM	<b>Discussion: How Should This Case Be Approached?</b>
7:40 PM	<b>Left Main Bifurcation Case Presentation: Procedure and Follow-up Results</b> <b>Case Presenter:</b> Jian Liu

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7:45 PM **Discussion: What Have We Learned from This Case?**

7:50 PM **How Has Left Main Strategy and Technique Data Impacted My Practice?**  
Shao Liang Chen

**8:00 PM - 8:30 PM**

**Session III. Chronic Total Occlusions**

**Moderators:** Run-Lin Gao, Martin B. Leon

**Discussants:** Yaling Han, William L. Lombardi, Etsuo Tsuchikane, Weimin Wang

8:00 PM **CTO Case Presentation: Introduction and Challenges**  
**Case Presenter:** Lei Ge

8:05 PM **Discussion: How Should This Case Be Approached?**

8:10 PM **Case Presentation: Procedure and Follow-up Results**  
**Case Presenter:** Lei Ge

8:15 PM **Discussion: What Have We Learned from this Case?**

8:20 PM **Perspectives on the Use of Appropriate CTO Techniques**  
Jiyan Chen

**8:30 PM - 9:00 PM**

**Session IV. PCI Complications**

**Moderators:** Run-Lin Gao, Martin B. Leon, Gregg W. Stone

**Discussants:** Fang Chen, Ajay J. Kirtane, Jianfang Luo, Hongbing Yan

8:30 PM **Complication Case #1: Coronary Perforation**  
**Case Presenter:** Guosheng Fu

8:38 PM **Discussion: How Should This Complication Be Treated (and Have Been Prevented)?**

8:45 PM **Complication Case #2: Stent Thrombosis and Abrupt Closure**  
**Case Presenter:** Qi Zhang

8:53 PM **Discussion: How Should This Complication Be Treated (and Have Been Prevented)?**

**Partnership Session: Montreal Live with TCT**

Accreditation: CME

Saturday, September 13

7:00 PM - 9:00 PM

Room: Level 1, Room 144A

**7:00 PM - 8:00 PM**

**Session I. Bioresorbable Scaffolds: Clinical Updates and Case Review**

**Moderators:** Philippe Généreux, Jean-François Tanguay

**Discussants:** Eric A. Cohen, Vladimir Dzavik, Samer Mansour, Yoshinobu Onuma, Robert C. Welsh

7:00 PM **Update on BRS Technology, Clinical Use, and Upcoming Platforms**  
Jean-François Tanguay

7:10 PM **Roundtable Discussion with Audience Q&A**

7:15 PM **Techniques to Optimize BRS Success in Complex Lesions**  
Vladimir Dzavik

7:25 PM **Roundtable Discussion with Audience Q&A**

7:30 PM **How I Use Imaging in BRS Deployment and Follow-up: Case Examples**  
**Case Presenter:** Yoshinobu Onuma

7:40 PM **Roundtable Discussion with Audience Q&A**

7:45 PM **My Best and Worst BRS Cases of the Year: Lessons Learned!**  
**Case Presenter:** Philippe Généreux

7:55 PM **Roundtable Discussion with Audience Q&A**

**8:00 PM - 9:00 PM**

**Session II. Interventional Structural Heart Disease: Clinical Updates and Case Review**



**Moderators:** Philippe Généreux, Nicolo Piazza

**Discussants:** Samer Mansour, Jean-Michel Paradis, David A. Wood

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8:00 PM	<b>Update in Mitral Percutaneous Interventions: Who Should and Could Be Treated in 2014?</b> Philippe Généreux
8:10 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>
8:15 PM	<b>Upcoming Devices and Procedures in Mitral Space: A Glimpse to the Future</b> Shmuel Banai
8:25 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>
8:30 PM	<b>My Best and Worst Mitral Valve Cases of the Year: Lessons Learned!</b> <b>Case Presenter:</b> Jean-Michel Paradis
8:40 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>
8:45 PM	<b>Left Atrial Appendage Occlusion: Which Patient and Which Device?</b>
8:55 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>

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### Partnership Session: p-c-i Live in Partnership with TCT

Accreditation: CME

Saturday, September 13

7:00 PM - 9:00 PM

Room: Level 1, Room 145A

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**7:00 PM - 7:10 PM**

**Setting the Stage**

**Moderator:** Sigmund Silber

**Discussants:** Shlomo Ben-Haim, Donald Cutlip, Ted E. Feldman, Hans R. Figulla, Martin B. Leon, Joachim Schofer

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7:00 PM	<b>FDA Approval Process: PMA vs CE Mark</b> Sigmund Silber
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**7:10 PM - 7:45 PM**

**Session I. TAVR: Repositionable Aortic Valves – The Solution for Paravalvular Leaks?**

**Moderator:** Markus Kasel

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7:10 PM	<b>Newer-Generation Devices for Valve Implantation: Differentiating Features</b> Hans R. Figulla
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7:20 PM	<b>Case #1: TAVR with a Repositionable Device: Does Multiple Repositioning Avoid Paravalvular Aortic Regurgitation?</b> <b>Case Presenter:</b> Joachim Schofer
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7:30 PM	<b>Which of the Newer-Generation TAVR Devices Would I Like to Have Available in the United States?</b> Ted E. Feldman
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7:35 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>
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**7:45 PM - 8:20 PM**

**Session II. The New COBRA PzF-Shielded Coronary Stent: Will It Replace BMS and DES?**

**Moderator:** Renu Virmani

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7:45 PM	<b>The Concept of the COBRA PzF-Shielded Stent</b> Donald Cutlip
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7:55 PM	<b>Case #2: A Patient Who Might Especially Benefit from the COBRA PzF-Shielded Stent</b>
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8:10 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>
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**8:20 PM - 9:00 PM**

**Session III. Cardiac Contraction Modulation (CCM): Avoiding Implantable Defibrillators?**

**Moderator:** Sigmund Silber

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8:20 PM	<b>The Concept of CCM</b> Shlomo Ben-Haim
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8:30 PM	<b>Case #3: A Patient with Heart Failure and Improving LV-EF After CCM</b>
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**Case Presenter:** Vivek Y. Reddy

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8:40 PM	<b>Would I Use CCM if Available in the United States?</b> Daniel Burkhoff
8:45 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>
8:55 PM	<b>Take-home Messages</b> Sigmund Silber

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#### Partnership Session: SOLACI/SBHCI/GI2 with TCT

Accreditation: CME

Saturday, September 13  
7:00 PM - 9:00 PM  
Room: Level 1, Room 143C

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#### 7:00 PM - 7:05 PM Welcome and Program Overview

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7:00 PM	<b>Welcome and Program Overview</b> Alexandre Abizaid
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#### 7:05 PM - 8:00 PM Session I. Transcatheter Valve Replacement Revolutions

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**Moderators:** Alexandre Abizaid, Helio Roque Figueira, Jamil Abdalla Saad  
**Discussants:** Daniel H. Berrocal, Igor F. Palacios, Expedito E. Ribeiro, Henrique B. Ribeiro, Josep Rodés-Cabau

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7:05 PM	<b>Current Perspectives on TAVI Programs: Expanding Indications and Reducing Complications</b> Josep Rodés-Cabau
7:20 PM	<b>Case Presentation: My Worst TAVI Experience and What I Learned From It!</b> <b>Case Presenter:</b> Magaly Arrais dos Santos
7:35 PM	<b>Case Presentation: An Unusual TAVI Procedure: Innovating in the Midst of a Difficult Scenario</b> <b>Case Presenter:</b> Oscar A. Mendiz
7:50 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>

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#### 8:00 PM - 9:00 PM Session II. Bioresorbable Coronary Scaffold Revolutions

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**Moderators:** Alexandre Abizaid, Helio Roque Figueira, Jamil Abdalla Saad  
**Discussants:** Jorge A. Belardi, Roberto Botelho, Adriano Caixeta, Corrado Tamburino, Marco V. Wainstein

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8:00 PM	<b>Future BRS Directions: New Platforms and Devices to Address Current Technical Limitations</b> Alexandre Abizaid
8:15 PM	<b>My Best BRS Case: Early and Late Outcomes</b> Jose de Ribamar Costa Jr
8:30 PM	<b>I Should Not Have Chosen a BRS for This Patient!</b> Expedito E. Ribeiro
8:45 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>

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#### Partnership Session: TCT Asia Pacific

Accreditation: CME

Saturday, September 13  
7:00 PM - 9:00 PM  
Room: Level 1, Room 103B

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#### 7:00 PM - 9:00 PM Imaging vs Physiology for Left Main and Non-Left Main Bifurcation PCI

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**Moderators:** Gary S. Mintz, Seung-Jung Park

**Discussants:** Antonio Colombo, David E. Kandzari, Soo-Jin Kang, Young-Hak Kim, Bon-Kwon Koo, Thierry Lefevre, Akiko Maehara, Marie-Claude Morice, Nico H.J. Pijls

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7:00 PM	<b>Welcome and Introductory Remarks</b> Seung-Jung Park
7:02 PM	<b>Use of FFR for Non-Left Main Bifurcation PCI</b> Bon-Kwon Koo
7:10 PM	<b>Use of FFR for Left Main PCI</b> Seung-Jung Park
7:18 PM	<b>Use of IVUS for Non-Left Main Bifurcation PCI</b> Soo-Jin Kang
7:26 PM	<b>Use of IVUS for Left Main PCI</b> Gary S. Mintz
7:34 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>
7:42 PM - 8:03 PM	<b>The Great Debate: What to Do with Functionally Insignificant Vulnerable Plaque</b>
7:42 PM	<b>I Want to Treat Them!</b> Gregg W. Stone
7:50 PM	<b>Don't Treat Them!</b> Nico H.J. Pijls
7:58 PM	<b>Discussion with Audience Q&amp;A</b>
8:14 PM - 9:00 PM	<b>The Master Class: Case Reviews</b>
8:14 PM	<b>Complex Left Main Case #1</b> <b>Case Presenter:</b> Antonio Colombo
8:21 PM	<b>Discussion with Audience Q&amp;A</b>
8:25 PM	<b>Complex Left Main Case #2</b> <b>Case Presenter:</b> Marie-Claude Morice
8:32 PM	<b>Discussion with Audience Q&amp;A</b>
8:36 PM	<b>Complex Non-Left Main Bifurcation #1</b> <b>Case Presenter:</b> Thierry Lefevre
8:43 PM	<b>Discussion with Audience Q&amp;A</b>
8:47 PM	<b>Complex Non-Left Main Bifurcation #2</b> <b>Case Presenter:</b> David E. Kandzari
8:54 PM	<b>Discussion with Audience Q&amp;A</b>
8:03 PM	<b>Is It All About Stent Technique? Lessons from CROSS and PERFECT Bifurcation Studies</b> Young-Hak Kim
8:11 PM	<b>Discussion with Audience Q&amp;A</b>
8:58 PM	<b>Closing Remarks with Brief Wrap-up</b> Seung-Jung Park

#### Partnership Session: TCT India Next @ TCT

Accreditation: CME

Saturday, September 13

7:00 PM - 9:00 PM

Room: Level 1, Room 145B

7:00 PM - 7:45 PM

**Session I. Critically Ill Patient Prior to Procedure**

**Moderator:** Ajay J. Kirtane

**Discussants:** Debabrata Dash, Shuvo Dutta, Manotosh Panja, Brian Pinto, J. Shivkumar Rao

7:00 PM

**Case #1: Primary PCI of Left Main in Cardiogenic Shock**

**Case Presenter:** Subroto Mandal

7:09 PM

**Case #2: Primary PCI in Critically Ill Patient Involving the Left Main**

7:18 PM

**Case #3: Cardiac Arrest Prior to PCI**

**Case Presenter:** Ranjit Kumar Nath

7:27 PM

**Case #4: Severely Calcified Vessel with Multiple Comorbidities**

**Case Presenter:** Ramesh Gadepalli

7:36 PM

**Case #5: Trauma with Intracranial Bleeding and Shock from Massive Pulmonary Embolism**

**Case Presenter:** Ram Yadava

7:45 PM - 8:31 PM

**Session II. Near Fatality During Intervention**

**Moderators:** Amal Kumar Banerjee, Sundeep Mishra

**Discussants:** Pratap C. Rath, Shuvanan Ray, Gokul M. Reddy

7:45 PM

**Case #6: Resistant No-Reflow During Rescue PCI**

**Case Presenter:** Samir Kubba

7:54 PM

**Case #7: Multiple Cardiac Perforations with Tamponade**

**Case Presenter:** Nagaraja Moorthy

8:03 PM

**Case #8: Guiding Catheter-Induced Ostial Dissection**

**Case Presenter:** Nanda Kishore Panigrahi

8:12 PM

**Case #9: Post-CABG RVOT Obstruction and LIMA Entrapment**

**Case Presenter:** Sandeep Singh

8:21 PM

**Managing Complications During PCI**

Sundeep Mishra, Manish Patwardhan, MD

8:31 PM - 9:00 PM

**Session III. Patient Collapse Related to Ancillary Issues**

**Moderators:** Susheel Kodali, Sreenivas Arramraju Kumar

**Discussants:** Shuvo Dutta, Manish A. Parikh, Brian Pinto, Pratap C. Rath

8:31 PM

**Case #10: Acute MI with Massive Gastrointestinal Bleeding**

**Case Presenter:** Bhupinder Singh

8:40 PM

**Nominated Challenging Case from TCT India Next**

**Case Presenter:** Nilkanth Chandrakant Patil

8:50 PM

**An Algorithm for Patient Monitoring Postprocedure**

Manish A. Parikh

**Partnership Session: TCT Mediterranean**

Accreditation: CME

Saturday, September 13

7:00 PM - 9:00 PM

Room: Level 1, Room 143B

7:00 PM - 7:50 PM

**Session I. High-Risk PCI**

**Moderators:** Roxana Mehran, Mohamed Sobhy

**Discussants:** Thierry Corcos, Georges Ghanem, Omer Goktekin

7:00 PM

**Role of New Oral Anticoagulants and New ADP Antagonists in ACS Patients**

Roxana Mehran

7:10 PM

**Intermediate Syntax Score: PCI vs CABG?**

Davide Capodanno

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7:20 PM      **Left Main Disease: Practical Issues When Determining Treatment**  
Gennaro Sardella

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7:30 PM      **Is There a Role for PCI in Revascularization of Diabetic Patients with Multivessel Disease?**  
Habib Gamra

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7:40 PM      **Roundtable Discussion with Audience Q&A**

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**7:50 PM - 8:30 PM**

**Session II. STEMI**

**Moderators:** Luigi Salemme, Mohamed Sobhy

**Discussants:** Piera Capranzano, Gian Battista Danzi, Roxana Mehran

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7:50 PM      **STEMI Pharmacology: Ambulance, ER, Cath Lab, and CCU**  
Luigi Salemme

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8:00 PM      **Stent Designs and STEMI: Are There Meaningful Differences?**  
Carlo Briguori

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8:10 PM      **Gender Difference in STEMI Outcomes: Myth or Reality?**  
Patrizia Presbitero

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8:20 PM      **Roundtable Discussion with Audience Q&A**

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**8:30 PM - 9:00 PM**

**Session III. Case Reviews**

**Moderators:** Thierry Corcos, George D. Dangas, Ahmed Magdy

**Discussants:** Carlo Briguori, Habib Gamra

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8:30 PM      **A Complex and High-Risk Bifurcation**  
**Case Presenter:** Mohamed Sobhy

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8:40 PM      **TAVR in a High-Risk Woman with Difficult Vascular Access**  
**Case Presenter:** Raj Makkar

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8:50 PM      **Primary PCI with an Unexpected Turn**  
**Case Presenter:** Piera Capranzano

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**Partnership Session: TCT Russia**

Accreditation: CME

Saturday, September 13

7:00 PM - 9:00 PM

Room: Level 1, Room 143A

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**7:00 PM - 9:00 PM**

**A Case-Based Symposium on Technical Approaches to Complex Cardiac and Vascular Interventions**

**Chairs:** Bagrat Alekryan, Juan F. Granada

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7:00 PM      **Interatrial Septum Stenting in Idiopathic Pulmonary Hypertension**  
Bagrat Alekryan

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7:10 PM      **Editorial Comment (without Slides) and Audience Discussion with Q&A**  
**Commentator:** Robert J. Sommer

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7:17 PM      **TAVR Implantation in Degenerated Surgical Valves**  
Alexey Protopopov

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7:27 PM      **Editorial Comment (without Slides) and Audience Discussion with Q&A**  
**Commentator:** Danny Dvir

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7:34 PM      **Multivessel PCI in ACS Supported by ECMO**  
Vladimir Ganyukov

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7:44 PM      **Editorial Comment (without Slides) and Audience Discussion with Q&A**  
**Commentator:** Jeffrey W. Moses

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7:51 PM      **Retrograde Left Main Stenting**  
Alexander Grigorievich Osiev

8:01 PM	<b>Editorial Comment (without Slides) and Audience Discussion with Q&amp;A</b> <b>Commentator:</b> Jeffrey W. Moses
8:08 PM	<b>LAA Occlusion in High-Risk Patients</b> Evgeny V. Merkulov
8:18 PM	<b>Editorial Comment (without Slides) and Audience Discussion with Q&amp;A</b> <b>Commentator:</b> Matthew J. Price
8:25 PM	<b>Hybrid Repair of Aortic Arch Aneurysm</b> Sergey A. Abugov
8:35 PM	<b>Editorial Comment (without Slides) and Audience Discussion with Q&amp;A</b> <b>Commentator:</b> Constantino S. Pena
8:42 PM	<b>Endovascular Treatment of Nonatherosclerotic Arterial Diseases of the Lower Extremities</b> Zaza Kavteladze
8:52 PM	<b>Editorial Comment (without Slides) and Audience Discussion with Q&amp;A</b> <b>Commentator:</b> Constantino S. Pena

## Featured Clinical Research I

Saturday, September 13  
12:15 PM - 1:45 PM  
Room: Level 1, Room 103A

**12:15 PM - 1:45 PM**

### Featured Clinical Research I

**Moderator:** Patrick W. Serruys

**Discussants:** Dimitrios Alexopoulos, Kevin J. Beatt, Eric Boersma, Edoardo Camenzind, Warren J. Cantor, Ioannis Iakovou, Abhiram Prasad

12:15 PM	<b>SYMPPLICITY HTN-3: A Prospective, Randomized, Sham-Controlled Trial of Renal Sympathetic Denervation in Patients with Refractory Hypertension: 12-Month Results in Subgroups</b> Deepak L. Bhatt
12:25 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>
12:30 PM	<b>HORIZONS-AMI and EUROMAX Stent Thrombosis: Predictors of Stent Thrombosis and Risk for 30-Day Mortality After Primary Percutaneous Coronary Intervention in Acute Myocardial Infarction</b> George D. Dangas
12:40 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>
12:45 PM	<b>EUROMAX STR: ST-Segment Resolution Analysis in Patients with ST-Segment Elevation Myocardial Infarction Randomized to Prehospital Bivalirudin Versus Heparin Plus a Routine Glycoprotein IIb/IIIa Inhibitor Prior to Primary Percutaneous Coronary Intervention</b> Jurrien M. Ten Berg
12:55 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>
1:00 PM	<b>CANARY: Evaluation of the Relationship Between Intravascular Ultrasound and Near Infrared Spectroscopy Lipid Parameters with Periprocedural Myonecrosis, with an Integrated Randomized Trial of Distal Protection to Prevent PCI-Related Myocardial Infarction</b> Gregg W. Stone
1:10 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>
1:15 PM	<b>CONTRAST: A Prospective, Randomized Trial of N-Acetylcysteine Versus Sodium Bicarbonate Versus N-Acetylcysteine Plus Sodium Bicarbonate in Patients at Risk for Contrast Nephropathy</b> Huay Cheem Tan
1:25 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>
1:30 PM	<b>PERFECT-LUTS: Evaluation of Endovascular Pelvic Arterial Revascularization in Patients with Lower Urinary Tract Symptoms and Erectile Dysfunction</b> Tzung-Dau Wang
1:40 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>

**Presentation Theater: TAVR for Fellows... Tips and Guidance from an Experienced Implanter (Only fellows are eligible to participate) (Sponsored by Edwards Lifesciences)**

Saturday, September 13

12:15 PM - 1:15 PM

Room: Lower Level, Presentation Theater 2

**12:15 PM - 1:15 PM**

**TAVR for Fellows... Tips and Guidance from an Experienced Implanter**

**Chair:** John G. Webb

12:15 PM

**TAVR Foundations for Fellows: Tips and Guidance from an Experienced Implanter**

John G. Webb

**Presentation Theater: The Evolution of PCI Technology: Advancing from Metallic Stents to Absorbable Technology (Sponsored by Abbott)**

Saturday, September 13

12:15 PM - 1:15 PM

Room: Lower Level, Presentation Theater 1

**12:15 PM - 1:15 PM**

**The Evolution of PCI Technology**

**Discussants:** Frederick Feit, James B. Hermiller Jr, David G. Rizik

12:15 PM

**Welcome and Introductions**

12:20 PM

**BMS and DES: Is it Still a Choice Between Safety and Efficacy?**

Frederick Feit

12:35 PM

**Is There a Benefit to Biodegradable Polymer on Metallic DES?**

James B. Hermiller Jr

12:50 PM

**Evaluating the Potential of Fully Bioresorbable Technology to Transform PCI Therapy**

David G. Rizik

1:05 PM

**Panel Discussion and Q&A**

**Edited Taped Cases I**

Saturday, September 13

2:30 PM - 3:50 PM

Room: Lower Level, Presentation Theater 1

**2:30 PM - 3:50 PM**

**Edited Taped Cases**

**Moderators:** Dietmar H. Glogar, Jean-François Tanguay

**Discussants:** Ivo Bernat, Gennaro Sardella

2:30 PM

**Active Transfer of Plaque (ATP) Technique for Bifurcation Lesion**

**Case Presenter:** Yujie Zhou

2:50 PM

**Virtual PCI: Using Physiology in Tandem Coronary Disease to Predict Stenoses will Gain Most from PCI**

**Case Presenter:** Justin E. Davies

3:10 PM

**CONTRAST**

**Case Presenter:** Keith G. Oldroyd

3:30 PM

**Ostio-Proximal LAD Angioplasty in a Post-CABG ACS Patient with Pseudoaneurysm**

**Case Presenter:** Maddury Jyotsna

**Sunday, September 14, 2014**

## Main Arena II, Sunday, Sept. 14

Accreditation: CME/CNE

Sunday, September 14  
8:00 AM - 2:00 PM  
Room: Level 3, Ballroom

<b>8:00 AM - 9:30 AM</b>	<b>Plenary Session VIII: Live Cases III</b>  <b>Live Case Moderator:</b> Gregg W. Stone <b>Live Case Co-Moderator:</b> Antonio Colombo <b>Digital Moderator:</b> Christoph A. Nienaber <b>Live Case Discussants:</b> Fernando Alfonso, Rafael Beyar, Frank J. Criado, Giulio Guagliumi, John R. Laird Jr, Chaim S. Lotan, Daniel J. McCormick, Oscar A. Mendiz, Christoph K. Naber, Simon Walsh, Christopher K. Zarins <b>Digital Panelists:</b> Nicolas Foin, Samuel K. Mathew  8:00 AM <b>Shaare Zedek Medical Center, Jerusalem, Israel</b>  8:45 AM <b>Mayo Clinic, Rochester, MN</b>
<b>9:30 AM - 10:00 AM</b>	<b>Plenary Session IX: Dynamic Dialogues I: Myths and Controversies – Drug-Eluting Stents (Metallic and Bioresorbable)</b>  <b>Moderators:</b> Elazer R. Edelman, Martin B. Leon, Gregg W. Stone Antonio Colombo, Patrick W. Serruys, Stephan Windecker  9:30 AM <b>Dynamic Dialogues – Drug-Eluting Stents (Metallic and Bioresorbable)</b> Antonio Colombo, Patrick W. Serruys, Stephan Windecker
<b>10:00 AM - 10:45 AM</b>	<b>Plenary Session X: Radical Changes in the Future of Cardiovascular Care</b>  <b>Moderators:</b> Spencer B. King III, Patrick T. O’Gara <b>Digital Moderator:</b> Peter H. Stone <b>Discussants:</b> Deepak L. Bhatt, Eugene H. Blackstone, Anthony N. DeMaria, Nabil Dib, Paul A. Gurbel, Karen A. Hicks, Thomas F. Luscher, E. Magnus Ohman, Stuart J. Pocock, Marvin J. Slepian <b>Digital Panelists:</b> H. Robert Superko, Samuel A. Wickline  10:00 AM - 10:30 AM <b>Keynote Lectures</b>  10:00 AM <b>A Global Vision for Eradicating Cardiovascular Disease</b> <b>Keynote Speaker:</b> Valentin Fuster  10:15 AM <b>Personalized Medicine: A Look Through the Eyes of Our DNA</b> <b>Keynote Speaker:</b> Eric Schadt  10:30 AM <b>Roundtable Discussion</b>
<b>10:45 AM - 11:00 AM</b>	<b>Plenary Session XI</b>  10:45 AM <b>TCT 2014 Geoffrey O. Hartzler Master Operator Award</b> <b>Moderators:</b> Martin B. Leon, Gregg W. Stone <b>Award Recipient:</b> Marie-Claude Morice
<b>11:00 AM - 12:00 PM</b>	<b>Plenary Session XII: Late-Breaking Clinical Trials #2</b>  <b>Moderator:</b> Gregg W. Stone <b>Digital Moderator:</b> Pieter C. Smits <b>Discussants:</b> Robert A. Byrne, Dean J. Kereiakes, Thierry Lefevre, Yves R. Louvard, J. Jeffrey Marshall, Christoph A. Nienaber, David G. Rizik, Christian M. Spaulding, Corrado Tamburino <b>Digital Panelists:</b> Didier Carrié, Vladimir Dzavik  11:00 AM <b>ABSORB II: A Prospective, Randomized Trial of an Everolimus-Eluting Bioresorbable Scaffold Versus an Everolimus-Eluting Metallic Stent in Patients with Coronary Artery Disease</b> Patrick W. Serruys  11:12 AM <b>LBCT #1 - Discussion</b>  11:24 AM <b>DKCRUSH-VI: A Prospective, Randomized Trial of FFR-Guided Versus Angiography-Guided Provisional T-Stenting in Patients with True Coronary Bifurcation Lesions</b> Shao Liang Chen



11:34 AM **LBCT #2 - Discussion**

11:42 AM **RIBS IV: A Prospective, Randomized Trial of Paclitaxel-Eluting Balloons Versus Everolimus-Eluting Stents in Patients with Coronary In-Stent Restenosis of Drug-Eluting Stents**  
Fernando Alfonso

11:52 AM **LBCT #3 - Discussion**

**12:00 PM - 12:30 PM**

**Plenary Session XIII: First Reports #2**

**Moderator:** Gary S. Mintz

**Digital Moderator:** Ioannis Iakovou

**Discussants:** Takashi Akasaka, Kevin J. Croce, Bernard De Bruyne, Marc D. Feldman, Takashi Kubo, Masahiko Ochiai, Francesco Prati, Evelyn S. Regar, Habib Samady

**Digital Panelists:** Jose P.S. Henriques, Ahmed Magdy

12:00 PM **IVUS-CTO: A Prospective, Randomized Trial of Intravascular Ultrasound-Guided Versus Angiography-Guided Drug-Eluting Stent Intervention in Coronary Chronic Total Occlusions**  
Yang-Soo Jang

12:10 PM **First Report #1 - Discussion**

12:15 PM **OCT STEMI: A Prospective, Randomized Trial of Optical Coherence Tomography Guidance During Primary Percutaneous Coronary Intervention in Acute Myocardial Infarction**  
Pavel Cervinka

12:25 PM **First Report #2 - Discussion**

**12:30 PM - 2:00 PM**

**Plenary Session XIV: Live Cases IV**

**Live Case Moderator:** Martin B. Leon

**Live Case Co-Moderator:** Josep Rodés-Cabau

**Digital Moderator:** Bonnie H. Weiner

**Live Case Discussants:** Shmuel Banai, William F. Fearon, Efrain Gaxiola, Aaron V. Kaplan, Brij Maini, Ganesh Manoharan, Samuel K. Mathew, Nicolo Piazza, Craig R. Smith, Wilson Y. Szeto, Jean-François Tanguay

**Digital Panelists:** Eric R. Bates, Adriano Caixeta, Jorge Gaspar

12:30 PM **Mayo Clinic, Rochester, MN**

1:15 PM **Montreal Heart Institute, Montreal, Canada**

## Coronary Theater II, Sunday, Sept. 14

Accreditation: CME/CNE

Sunday, September 14

8:00 AM - 12:00 PM

Room: Lower Level, Coronary Theater

**8:00 AM - 10:00 AM**

**Session 1: Live Cases - Imaging/Physiology**

**Live Case Moderator:** Morton J. Kern

**Live Case Co-Moderator:** Gary S. Mintz

**Digital Moderator:** Habib Samady

**Live Case Discussants:** Marco A. Costa, Nick Curzen, Giuseppe De Luca, Robert J. Gil, Allen Jeremias, Jan J. Piek, Jean-François Tanguay, Joanna J. Wykrzykowska, Clemens von Birgelen

**Digital Panelists:** Ioannis Iakovou, Massoud A. Leesar

8:00 AM **MedStar Washington Hospital Center, Washington, DC**

9:00 AM **Montreal Heart Institute, Montreal, Canada**

**10:00 AM - 12:00 PM**

**Session 2: Live Cases - Complex CAD**

**Live Case Moderator:** David E. Kandzari

**Live Case Co-Moderator:** Bernard R. Chevalier

**Digital Moderator:** Michael A. Kutcher

**Live Case Discussants:** Remo Albiero, Vinay K. Bahl, Kenneth Chin, Jorge Gaspar, Sheldon Goldberg, Elvin Kedhi, Gennaro Sardella, Fayaz Shawi, Robert L. Wilensky

**Digital Panelists:** Stephane Cook, Ryan D. Madder, Maarten J. Suttrop

10:00 AM **MedStar Washington Hospital Center, Washington, DC**

11:00 AM **Shaare Zedek Medical Center, Jerusalem, Israel**

## Endovascular Theater I, Sunday, Sept. 14

Accreditation: CME/CNE

Sunday, September 14

8:00 AM - 12:00 PM

Room: Lower Level, Structural/Endovascular Theater

**8:00 AM - 10:00 AM**

### Session 1: Live Cases - Lower Extremity

**Live Case Moderator:** Tony Das

**Live Case Co-Moderator:** Kenneth Rosenfield

**Digital Moderator:** Roger Gammon

**Live Case Discussants:** J. Dawn Abbott, Jacques Busquet, Raghu Kolluri, Jihad A. Mustapha, Robert M. Schainfeld, Grayson H. Wheatley, Mark H. Wholey, Michael H. Wholey

**Digital Panelists:** Luis A. Guzman, Thosaphol Limpijankit

8:00 AM

**McConnell Heart Hospital, Riverside Methodist Hospital, Columbus, OH**

9:00 AM

**Ochsner Heart and Vascular Institute, New Orleans, LA**

**10:00 AM - 12:00 PM**

### Session 2: Live Cases - Lower Extremity

**Live Case Moderator:** D. Christopher Metzger

**Live Case Co-Moderator:** Michael R. Jaff

**Digital Moderator:** Mehdi H. Shishebor

**Live Case Discussants:** Erwin Blessing, Richard M. Green, Luis A. Guzman, R. Stefan Kiesz, Thosaphol Limpijankit, Thomas O. McNamara, David P. Slovut, Craig M. Walker

**Digital Panelists:** Gian Battista Danzi, Ethan C. Korngold, Jose M. Wiley

10:00 AM

**McConnell Heart Hospital, Riverside Methodist Hospital, Columbus, OH**

11:00 AM

**Ochsner Heart and Vascular Institute, New Orleans, LA**

## Didactic Symposia: Carotid & PV Intervention 2

Accreditation: CME/CNE

Sunday, September 14

2:00 PM - 5:57 PM

Room: Level 1, Room 102A

**2:00 PM - 3:14 PM**

### Session I. Critical Limb Ischemia

**Moderators:** Roger M. Greenhalgh, Michael R. Jaff

**Digital Moderator:** David P. Slovut

**Discussants:** Krishna J. Rocha-Singh, Mehdi H. Shishebor, Michael H. Wholey

**Digital Panelists:** Roberto Gandini, Zoltan Ruzsa

2:00 PM

**Is Arteriopathy Below the Knee Biologically Unique? Implications for Therapeutic Approaches**  
Lanfroi Graziani

2:08 PM

**A Primer of the Pedal Circulation: Relevance to Revascularization Strategies**  
Jihad A. Mustapha

2:16 PM

**Pedal Access and Retrograde CTO Crossing: Tips and Tools from a Master**  
Jihad A. Mustapha

2:24 PM

**Randomized Trial Outcomes: POBA vs Stenting in Infrapopliteal Lesions**  
Karl-Ludwig Schulte

2:32 PM

**The BEST and BASIL 2 Studies: Designs and Goals**  
Kenneth Rosenfield

2:40 PM

**Optimized Comprehensive Wound Care: Elements of a Clinically Excellent and Financially Viable Program**  
Raghu Kolluri

2:48 PM

**Managing Acute Limb Ischemia: Which Patients Get Endovascular and When Is Bypass Preferred?**

Mark H. Wholey

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2:54 PM      **Appropriate Use Criteria in the Periphery: Status Update**  
Sahil A. Parikh

---

3:02 PM      **Roundtable Discussion with Audience Q&A**

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**3:14 PM - 3:59 PM**

**Section II. Abstracts**

**Moderators:** Lawrence A. Garcia, Richard M. Green

**Digital Moderator:** Douglas E. Drachman

**Discussants:** Alex Abou-Chebl, Erwin Blessing, Dmitriy N. Feldman, Zvonimir Krajcer, Peter A. Schneider

**Digital Panelists:** Tzung-Dau Wang, Jose M. Wiley

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3:14 PM      **TCT 529: Comparison of Peripheral Arterial Chronic Total Occlusion Crossing Strategies in the XLPAD Registry**  
Karan Sarode, MD

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3:24 PM      **Roundtable Discussion with Audience Q&A**

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3:29 PM      **TCT 530: Effectiveness of the Misago Stent for the Treatment of Superficial Femoral Artery Disease: 12-Month Results of the First Japan and the United States Collaboration Trial (OSPREY)**  
Takao Ohki, MD

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3:39 PM      **Roundtable Discussion with Audience Q&A**

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3:44 PM      **TCT 539: Intraluminal Versus Reentry Device-Assisted Subintimal Revascularization of the Superficial Femoral Artery Chronic Total Occlusion: Does it Affect Patency?**  
Anvar Babaev, MD

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3:54 PM      **Roundtable Discussion with Audience Q&A**

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**3:59 PM - 4:39 PM**

**Session III. Venous Disease**

**Moderators:** Thomas O. McNamara, Mahmood K. Razavi

**Digital Moderator:** Ido Weinberg

**Discussants:** Kenneth Rosenfield, Robert M. Schainfeld, Jose M. Wiley

**Digital Panelists:** Lindsay S. Machan, Vanessa Rubio

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3:59 PM      **Managing DVT: Indications for Catheter-Directed Thrombolysis**  
Anthony J. Comerota

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4:07 PM      **Indications for IVC Filters and Criteria for Device Selection**  
Ido Weinberg

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4:15 PM      **Venous Stenting from Iliac to SVC: Indications, Diagnostic Testing/Imaging, and Methods**  
Thomas O. McNamara

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4:23 PM      **Treating Pulmonary Embolism: Improving Toolset, New Data, and Changing Treatment Algorithm?**  
Mahmood K. Razavi

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4:31 PM      **Roundtable Discussion with Audience Q&A**

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**4:39 PM - 5:57 PM**

**Session IV. Duels and Debates**

**Moderators:** William A. Gray, Roger M. Greenhalgh

**Digital Moderator:** Leo Nelson Hopkins

**Digital Panelists:** Michel Camille Henry, Zvonimir Krajcer, Juan C. Parodi

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4:39 PM -  
4:52 PM      **Proposal: The Data Dictates that an Endovascular Approach to Acute Stroke is Not Indicated in Most Cases**

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4:39 PM      **For the Proposal!**  
Philip M. Meyers

---

4:44 PM      **Against the Proposal!**  
Tudor Jovin

---

4:49 PM      **Audience Vote: Does the Proposal Pass?**  
**Moderator:** Roger M. Greenhalgh

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4:52 PM -  
5:05 PM      **Proposal: Sustained Infrapopliteal Patency Is Critical to Long-term Patient Outcomes**

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4:52 PM      **For the Proposal!**  
Mehdi H. Shishehbor

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4:57 PM **Against the Proposal!**  
John R. Laird Jr

5:02 PM **Audience Vote: Does the Proposal Pass?**  
**Moderator:** Roger M. Greenhalgh

5:05 PM -  
5:18 PM

**Proposal: Renal Stenting Is Still Primary Therapy for Renal Artery Stenosis**

5:05 PM **For the Proposal!**  
Thomas Zeller

5:10 PM **Against the Proposal!**  
Christopher J. Cooper

5:15 PM **Audience Vote: Does the Proposal Pass?**  
**Moderator:** Roger M. Greenhalgh

5:18 PM -  
5:31 PM

**Proposal: Ultrasound-Assisted Catheter-Directed Thrombolysis Should Be Primary Therapy for Submassive and Massive Pulmonary Embolism**

5:18 PM **For the Proposal!**  
Michael H. Wholey

5:23 PM **Against the Proposal!**  
Ido Weinberg

5:28 PM **Audience Vote: Does the Proposal Pass?**  
**Moderator:** Roger M. Greenhalgh

5:31 PM -  
5:44 PM

**Proposal: Transcarotid Stenting Offers No Clinical Outcome Advantages in CAS**

5:31 PM **For the Proposal!**  
Bernhard Reimers

5:36 PM **Against the Proposal!**  
Christopher J. Kwolek

5:41 PM **Audience Vote: Does the Proposal Pass?**  
**Moderator:** Roger M. Greenhalgh

5:44 PM -  
5:57 PM

**Proposal: Angiosomes are Not Relevant for the Management of Most Critical Limb Ischemia**

5:44 PM **For the Proposal!**  
Mehdi H. Shishehbor

5:49 PM **Against the Proposal!**  
Lindsay S. Machan

5:54 PM **Audience Vote: Does the Proposal Pass?**  
**Moderator:** Roger M. Greenhalgh

## Didactic Symposia: Clinical Trial Design & Interp. 2

Accreditation: CME/CNE

Sunday, September 14  
2:00 PM - 6:00 PM  
Room: Level 2, Room 206

2:00 PM - 3:02 PM

**Session I. Use and Misuse of Clinical Trial Data – DES**

**Moderators:** Dean J. Kereiakes, Pieter C. Smits  
**Digital Moderator:** Joost Daemen

**Discussants:** Sripal Bangalore, Spencer B. King III, Heng Li, Stuart J. Pocock, Matthew J. Price

**Digital Panelist:** Edoardo Camenzind

2:00 PM -  
2:35 PM

**CASE 1: DES are Safer than BMS and Should Always Be Used in All Settings, Even STEMI!**

2:00 PM	<b>Meta-analyses Show This and Should Be Believed!</b> Tullio Palmerini
2:07 PM	<b>Not So Fast: Only a Hypothesis has Been Generated!</b> Ajay J. Kirtane
2:14 PM	<b>TCT 3: A Randomized Comparison of Drug-Eluting vs Bare Metal Stenting in Patients with Non-ST Elevation Myocardial Infarction: Results of the ELISA-3 Angiographic Substudy</b> Wouter Remkes, MD
2:22 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>
2:32 PM	<b>Post-debate and Discussion Vote: What Does the Audience Think?</b> <b>Moderator:</b> Pieter C. Smits
2:35 PM - 3:02 PM	<b>Case 2: Three-Month DAPT Is All that Is Needed with DES!</b>
2:35 PM	<b>Yes: The Data from Numerous Randomized Trials and Large Registries are "Clear as a Bell!"</b> Fausto Feres
2:42 PM	<b>No: The Duration of DAPT with All DES Is Still "Up in the Air!"</b> Laura Mauri
2:49 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>
2:59 PM	<b>Post-debate and Discussion Vote: What Does the Audience Think?</b> <b>Moderator:</b> Dean J. Kereiakes

**3:02 PM - 4:39 PM**

**Session II. Use and Misuse of Clinical Trial Data – STEMI**

**Moderators:** Roxana Mehran, Philippe Gabriel Steg  
**Digital Moderator:** Eric R. Bates  
**Discussants:** Sanjay Kaul, Vandana Mukhi, Stuart J. Pocock, Rod H. Stables  
**Digital Panelists:** Gian Battista Danzi, Ivan C. Rokos

3:02 PM -  
3:37 PM

**Case 3: At the Present Time, Routine Aspiration Is an Oxymoron!**

3:02 PM	<b>Yes: Following TASTE, Aspiration Should Be Used Selectively at Best!</b> Goran K. Olivecrona
3:09 PM	<b>No: The Totality of Data Still Favors Aspiration, and TOTAL will Prove it!</b> Vladimir Dzavik
3:16 PM	<b>TCT 135: A Systematic Review and Meta-analysis of Randomized Trials of Manual Thrombectomy in ST Elevation Myocardial Infarction</b> Ashraf Alazzoni, MD
3:24 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>
3:34 PM	<b>Post-debate and Discussion Vote: What Does the Audience Think?</b> <b>Moderator:</b> Roxana Mehran

3:37 PM -  
4:04 PM

**Case 4: Postprocedural Consent in STEMI Trials: Is it Ethical and Does it Improve the Generalizability of Results?**

3:37 PM	<b>Yes: In Select Trials When the Patient Is Stable, Postprocedural Consent Optimizes Understanding and Enrollment!</b> Robert A. Harrington
3:44 PM	<b>No: That's What Short Consents are Made For! Remember the Patient's Rights!</b> William W. O'Neill
3:51 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>
4:01 PM	<b>Post-debate and Discussion Vote: What Does the Audience Think?</b> <b>Moderator:</b> Roxana Mehran

4:04 PM -  
4:39 PM

**Case 5: Is Nonculprit Lesion Treatment in STEMI Warranted?**

4:04 PM	<b>YES: PRAMI Proved This - Time to Change the Guidelines!</b> Keith G. Oldroyd
4:11 PM	<b>NO: Too Small a Trial, Too Much Uncertainty!</b> Ran Kornowski

4:18 PM	<b>TCT 14: Preventive Versus Culprit-Only Percutaneous Coronary Intervention in ST Elevation Myocardial Infarction Patients with Multivessel Disease: A Meta-analysis</b> Yeo-Jeong Song, MD
4:26 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>
4:36 PM	<b>Post-debate and Discussion Vote: What Does the Audience Think?</b> <b>Moderator:</b> Roxana Mehran

**4:39 PM - 6:00 PM**      **Session III. Use and Misuse of Clinical Trial Data – Antiplatelet Therapies**

**Moderators:** Dominick J. Angiolillo, E. Magnus Ohman  
**Digital Moderator:** Roxana Mehran  
**Discussants:** Alexandre Abizaid, Sorin J. Brener, Stuart J. Pocock, Sunil V. Rao, Stephen D. Wiviott, Xu (Sherry) Yan  
**Digital Panelist:** Andrea Abizaid  
**Digital Panelist:** Arnold Seto

4:39 PM -  
5:06 PM

**Case 6: Should Aspirin Be Dropped After DES in Patients Requiring Warfarin?**

4:39 PM      **Yes: WOEST Definitely Proves Safety and Likely Efficacy as Well!**  
Harvey D. White

4:46 PM      **Not Yet: Beware of Overly Positive Small Trials!**  
Sanjay Kaul

4:53 PM      **Roundtable Discussion with Audience Q&A**

5:03 PM      **Post-debate and Discussion Vote: What Does the Audience Think?**  
**Moderator:** Dominick J. Angiolillo

5:06 PM -  
5:33 PM

**Case 7: Should Cangrelor Be Used for (Nearly) All PCI Patients?**

5:06 PM      **YES: CHAMPION PHOENIX was Convincing!**  
Deepak L. Bhatt

5:13 PM      **NO: Cangrelor Is No Champion Next to the Appropriate Use of Potent Oral Antiplatelet Agents!**  
Dimitrios Alexopoulos

5:20 PM      **Roundtable Discussion with Audience Q&A**

5:30 PM      **Post-debate and Discussion Vote: What Does the Audience Think?**  
**Moderator:** Dominick J. Angiolillo

5:33 PM -  
6:00 PM

**Case 8: Does Vorapaxar Have an Important Role in Secondary Prevention After AMI?**

5:33 PM      **Yes: TRA-2P Has Proven it!**  
David J. Moliterno

5:40 PM      **No: Vorapaxar Is Effective, but Prasugrel and Ticagrelor are Preferred!**  
Dirk Sibbing

5:47 PM      **Roundtable Discussion with Audience Q&A**

5:57 PM      **Post-debate and Discussion Vote: What Does the Audience Think?**  
**Moderator:** Dominick J. Angiolillo

**Didactic Symposia: CTO: The Final Frontier 2**

Accreditation: CME

Sunday, September 14

2:00 PM - 6:00 PM

Room: Level 2, Room 207A/B

**2:00 PM - 3:30 PM**      **Session IV. Essentials for Becoming a Retrograde Operator**

**Moderators:** Dimitri Karpaliotis, Etsuo Tsuchikane  
**Digital Moderator:** Hadley Wilson  
**Discussants:** Scott Harding, William Nicholson, Masahiko Ochiai, Ashish Pershad, James C. Spratt  
**Digital Panelists:** Shozo Ishihara, Tak W. Kwan

2:00 PM	<b>Beginning Retrograde: Early Case Selection and Education</b> James C. Spratt
2:15 PM	<b>Selecting the Collateral and Recognizing the Risks</b> Scott Harding
2:30 PM	<b>What to Do When the Wire Crosses the Collateral but the Corsair Won't</b> William Nicholson
2:45 PM	<b>The Nuts and Bolts of Reverse Controlled Antegrade and Retrograde Subintimal Tracking (XCART)</b> Etsuo Tsuchikane
3:00 PM	<b>Externalizing the Guidewire and Managing the Risks</b> Ashish Pershad
3:15 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>

**3:30 PM - 4:15 PM**

**Session V. CTO Abstracts, Part 2**

**Moderators:** Anthony H. Gershlick, Jacques J. Koolen  
**Digital Moderator:** Sudhir Rathore  
**Discussants:** Haim Danenberg, Carlo Di Mario, Paul Hsien-Li Kao  
**Digital Panelists:** Juey-Jen Hwang, Yang-Soo Jang, Maciej Lesiak

3:30 PM	<b>TCT 192: Procedural Outcomes of Chronic Total Occlusion Percutaneous Coronary Intervention: A Report from NCDR</b> Emmanouil S. Brilakis
3:40 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>
3:45 PM	<b>TCT 193: Long-term Follow-up After Antegrade Versus Retrograde Recanalization of Chronic Total Coronary Occlusions</b> Klaudija Bijuklic
3:55 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>
4:00 PM	<b>TCT 194: Clinical and Angiographic Outcomes of True Versus False Lumen Stenting of Coronary Chronic Total Occlusions: Insights from Intravascular Ultrasound</b> Mahmoud Sabbah
4:10 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>

**4:15 PM - 6:00 PM**

**Session VI. Advanced CTO PCI Tips and Tricks**

**Moderators:** Mauro Carlino, Masahiko Ochiai  
**Digital Moderator:** Stephen Cook  
**Discussants:** David Daniels, Colm Hanratty, Jeffrey W. Moses, Tudor C Poerner, Etsuo Tsuchikane, Masahisa Yamane  
**Digital Panelists:** Husam Noor, Lino Patricio, Kintur Sanghvi

4:15 PM	<b>Problem Solving the Difficult Retrograde Reentry</b> Masahisa Yamane
4:27 PM	<b>Problem Solving the Difficult Antegrade Reentry</b> Stephen Cook
4:39 PM	<b>Managing the Case with No Retrograde Option: Wire-Based Solutions</b> Masahiko Ochiai
4:51 PM	<b>Managing the Case with No Retrograde Option: The Hybrid Approach</b> Colm Hanratty
5:03 PM	<b>Managing the Case with No Antegrade Option</b> Jeffrey W. Moses
5:15 PM	<b>Managing Failure: When to Stop, and When/if/How to Restart</b> David Daniels
5:27 PM	<b>CTO PCI Potpourri: Complications (Especially Perforations), Radiation, and Contrast</b> Mauro Carlino
5:42 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>

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

**Session I. Teaching and Learning Innovation**

**Moderators:** Chaim S. Lotan, Paul G. Yock  
**Digital Moderator:** Louis A. Cannon  
**Discussants:** Paul A. Iaizzo, Ran Kornowski, Julio C. Palmaz, Jay Watkins  
**Digital Panelists:** Jordan Safirstein, Larry L. Wood  
**Digital Panelist:** Alan W. Heldman

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- 2:00 PM      **Featured Lecture: Teaching Innovation: The Need for an Organized Idea Development Platform**  
Paul G. Yock
- 
- 2:10 PM      **Priming Innovation: The Right Environment, Tools, Partners, and Mentors**  
Paul A. Iaizzo
- 
- 2:20 PM      **Translational Innovation: The Valuable Link between Unmet Clinical Needs and Engineering Solutions**  
Todd J. Brinton
- 
- 2:30 PM      **Early Technology Value Assessment: Market Opportunity Versus Development Risk**  
Jay Watkins
- 
- 2:40 PM      **Roundtable Discussion with Audience Q&A**

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**2:50 PM - 5:02 PM**

**Session II. TCT 2014 Innovation Award Competition**

**Chairs:** Juan F. Granada, Chaim S. Lotan, Paul G. Yock  
**Digital Moderator:** Frank Litvack  
**Discussants:** Rafael Beyar, Peter J. Fitzgerald, Eric Le Royer, Xavier E. Pardo  
**Digital Panelists:** David L. Brown, Praveen Chandra, Thomas A. Ischinger

- 
- 2:50 PM      **Introduction**  
Juan F. Granada
- 
- 2:55 PM      **A Novel Modality for Monitoring Tissue Hydration in Congestive Heart Failure Patients: Technology Overview and FIH Results (Kyma Medical)**  
Michael Jonas
- 
- 3:05 PM      **Q&A (Electronic Vote)**  
**Moderator:** Paul G. Yock
- 
- 3:08 PM      **Going to the Source: Early Clinical Results with the Afferently Directed Nonvascular Renal Denervation System (Verve Medical)**  
Richard R. Heuser
- 
- 3:18 PM      **Q&A (Electronic Vote)**  
**Moderator:** Paul G. Yock
- 
- 3:21 PM      **An Innovative Cardiovascular Dedicated CT Scanner**  
Ehud Dafni
- 
- 3:31 PM      **Q&A (Electronic Vote)**  
**Moderator:** Paul G. Yock
- 
- 3:34 PM      **The CathWorks Technology for Image-Based FFR During Coronary Catheterization**  
Ran Kornowski
- 
- 3:44 PM      **Q&A (Electronic Vote)**  
**Moderator:** Chaim S. Lotan
- 
- 3:47 PM      **Syntheon Cardiology TAVR: Precise Control and Constant Force**  
Pedro Martinez-Clark
- 
- 3:57 PM      **Q&A (Electronic Vote)**  
**Moderator:** Chaim S. Lotan
- 
- 4:00 PM      **Personalized Predictive Analytics: The First of Its Kind in Healthcare**  
Gary W. Conkright
- 
- 4:10 PM      **Q&A (Electronic Vote)**  
**Moderator:** Chaim S. Lotan
- 
- 4:13 PM      **Therapeutic Hypothermia: A Novel Noninvasive Approach to Facilitate a Paradigm Shift in Care for Ischemic Disease**



Todd J. Brinton

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4:23 PM     **Q&A (Electronic Vote)**  
**Moderator:** Chaim S. Lotan

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4:26 PM     **The TransAortic Embolic Protection System**  
Richard Ginn

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4:36 PM     **Q&A (Electronic Vote)**  
**Moderator:** Chaim S. Lotan

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4:39 PM     **Reduction in Radiation Dose Exposure Using Real-Time, Eye-Tracking Technology**  
Steven Nichtberger

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4:49 PM     **Q&A (Electronic Vote)**  
**Moderator:** Chaim S. Lotan

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4:52 PM     **Roundtable Discussion with Audience Q&A**

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**5:02 PM - 6:00 PM**

**Session III. Emerging Percutaneous Mitral Valve Therapies and Dedicated Docking Systems**

**Moderators:** Josep Rodés-Cabau, Carlos E. Ruiz

**Digital Moderator:** David L. Brown

**Discussants:** Mayra Guerrero, Samir R. Kapadia, Saibal Kar, Jose Navia, Ramon Quesada

**Digital Panelists:** Lars Sondergaard, David A. Wood

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5:02 PM     **Mvalve**  
Maurice Buchbinder

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5:10 PM     **ValCare Medical Transcatheter Repair System: Feasibility Study of Rigid D-Shaped Annuloplasty Ring**  
Ehud Raanani

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5:18 PM     **Percutaneous Left Atrial Access Using the Novel CorQuest HeartXs Device**  
Pedro Martinez-Clark

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5:26 PM     **Novel Catheter Guided Mitral Valved Stent for Functional Mitral Regurgitation**  
Jose Navia

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5:34 PM     **Neochord Artificial Chords: TACT and Beyond**  
Andrea Colli

---

5:42 PM     **Cardiac Implants**  
Karl-Heinz Kuck

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5:50 PM     **Roundtable Discussion with Audience Q&A**

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## Didactic Symposia: Metallic DES: Current Generation

Accreditation: CME/CNE

Sunday, September 14

2:00 PM - 6:15 PM

Room: Level 1, Room 151A/B

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**2:00 PM - 2:25 PM**

**Session I. Keynote Address**

**Moderators:** Donald Cutlip, Manel Sabate

**Digital Moderator:** Elvin Kedhi

**Digital Panelists:** Jorge F. Saucedo, Christian M. Spaulding

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2:00 PM     **State of the (Drug-Eluting) Stent: World-Wide Usage, New Perspectives in Stable CAD, and Remaining Challenges**  
**Keynote Speaker:** Stephan Windecker

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2:12 PM     **TCT 641: Improved Safety and Reduction in Stent Thrombosis After Everolimus-Eluting Stents Versus Sirolimus-Eluting Stents in Patients with Coronary Artery Disease: SORT-OUT IV 5-Year Results**  
Lisette Okkels Jensen

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2:20 PM     **Roundtable Discussion with Audience Q&A**

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**2:25 PM - 4:01 PM**

**Session II. Stent Thrombosis**

**Moderators:** Stephen G. Ellis, Patrick W. Serruys

**Digital Moderator:** Elvin Kedhi

**Discussants:** Ehrin J. Armstrong, Sorin J. Brener, Giulio Guagliumi, Ioannis Iakovou, Yasunori Ueda

**Digital Panelists:** Donald Cutlip, Alope V. Finn, Michael Joner

- 
- 2:25 PM      **Prevention of Stent Thrombosis: Devices, Pharmacology, Technique, Patients, and More**  
Lorenz Raber
- 
- 2:37 PM      **Beyond the Guidelines: What Is the Optimal Duration of DAPT After Metallic DES Implantation, and Is It Device Specific?**  
Marco Valgimigli
- 
- 2:49 PM      **Are Current DES Really Safer Than BMS?**  
Tullio Palmerini
- 
- 2:49 PM -  
3:26 PM      **Debate: Are Bioresorbable Polymer DES or Best-in-Class Durable Polymer DES Safer?**
- 2:49 PM      **Pre-debate Vote: What Does the Audience Think?**  
**Moderator:** Stephen G. Ellis
- 
- 2:51 PM      **Bioresorbable Polymer-Based DES are the Right Choice to Minimize Stent Thrombosis!**  
Stephan Windecker
- 
- 2:59 PM      **Follow the Data: Fluorinated Polymer-Based DES are Safer than Bioresorbable-Based DES!**  
Hyo-Soo Kim
- 
- 3:07 PM      **TCT 643: Very Late Stent Thrombosis After Revascularization with the Biolimus-Eluting, Biodegradable Polymer-Coated Nobori Stent Versus Durable Polymer-Coated, Sirolimus-Eluting Stents from the SORT-OUT V Trial**  
Evald H. Christiansen
- 
- 3:15 PM      **TCT 642: Stent Thrombosis Rates with an Abluminal Biodegradable Polymer, Biolimus-Eluting Stent Versus a Durable Polymer, Everolimus-Eluting Stent in Patients Undergoing Percutaneous Coronary Intervention: 3-Year Follow-up from the COMPARE II Trial**  
Pieter C. Smits
- 
- 3:23 PM      **Post-debate Vote: Did We Change Any Minds?**  
**Moderator:** Stephen G. Ellis
- 
- 3:26 PM      **Evaluation and Treatment of Stent Thrombosis: From Acute Patency to Long-term Vascular Stability**  
Ron Waksman
- 
- 3:36 PM      **Hematologic Etiologies of Stent Thrombosis and How to Evaluate**  
Giulio G. Stefanini
- 
- 3:44 PM      **Case Study: Recurrent Stent Thrombosis**  
**Case Presenter:** Tullio Palmerini
- 
- 3:51 PM      **Roundtable Discussion with Audience Q&A**

**4:01 PM - 5:00 PM**

**Session III. Restenosis**

**Moderators:** Robert S. Schwartz, Ron Waksman

**Digital Moderator:** Jorge F. Saucedo

**Discussants:** Liliانا R. Grinfeld, Takeshi Kimura, Nicholas N. Kipshidze, Giulio G. Stefanini, Wojtek Wojakowski

**Digital Panelists:** Peter Barlis, Yasunori Ueda

- 
- 4:01 PM      **Use of IVUS to Evaluate Stent Failures (Thrombosis and Restenosis)**  
Gary S. Mintz
- 
- 4:11 PM      **Use of OCT to Evaluate Stent Failures (Thrombosis and Restenosis)**  
Evelyn S. Regar
- 
- 4:21 PM      **Treatment Options for BMS and DES ISR: What Works Best?**  
Fernando Alfonso
- 
- 4:33 PM      **Advanced Treatment Options for Recurrent DES Restenosis: From Drugs to Brachytherapy**  
Paul S. Teirstein
- 
- 4:43 PM      **Case Study: Recurrent DES Restenosis**  
**Case Presenter:** Simon Walsh
- 
- 4:50 PM      **Roundtable Discussion with Audience Q&A**

5:00 PM - 6:15 PM

**Session IV. Equipoise and Uncertainties**

**Moderators:** Philip M. Urban, Marco Valgimigli

**Digital Moderator:** Christian M. Spaulding

**Discussants:** Sripal Bangalore, Fausto Feres, Alope V. Finn, Kumaran Kolandaivelu, Clemens von Birgelen

**Digital Panelists:** Afzalur Rahman, Karl-Ludwig Schulte

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5:00 PM	<b>Update on Neoatherosclerosis: Frequency, Diagnosis, and Treatment</b> Soo-Jin Kang
5:10 PM	<b>Mechanical Issues with Current Metallic DES: Strut Fractures, Recoil, Longitudinal Stent Deformation, and More</b> John A. Ormiston
5:20 PM	<b>Comparison of Current-Generation Metallic DES with BMS and First-Generation DES: Pathologic Progress and Remaining Challenges</b> Renu Virmani
5:30 PM	<b>Clinical Perspectives: When Should BMS Be Used Preferentially Over Current-Generation DES? STEMI? Prior to Surgery? Elsewhere?</b> Anthony H. Gershlick
5:40 PM	<b>Case Study: DES in a High Bleeding Risk Patient with Complex Coronary Artery Disease</b> <b>Case Presenter:</b> Robert A. Byrne
5:47 PM	<b>Is There a Preferential DES Type in Patients with Diabetes? Current Data and TUXEDO Trial Design</b> Upendra Kaul
5:55 PM	<b>Is There a Role for Cilostazol with Contemporary DES?</b> Young-Hoon Jeong
6:03 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>

**Didactic Symposia: Mitral: Today & Tomorrow 2**

Accreditation: CME/CNE

Sunday, September 14

2:00 PM - 6:05 PM

Room: Level 1, Room 146A

2:00 PM - 2:45 PM

**Session I. Mitral Valve Repair vs Replacement**

**Moderators:** Steven F. Bolling, A. Pieter Kappetein

**Digital Moderator:** Neil E. Moat

**Discussants:** James S. Gammie, Didier F. Loulmet, Robert E. Michler, Joseph F. Sabik, Wilson Y. Szeto

**Digital Panelists:** Gorav Ailawadi, Muralidhar Padala

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2:00 PM	<b>Mitral Valve Skills, Volume, and Outcomes: What Defines an Experienced Mitral Valve Surgeon?</b> James S. Gammie
2:07 PM	<b>Mitral Valve Operative Techniques: Which Make a Measurable Difference? In Which Patients?</b> David H. Adams
2:14 PM - 2:29 PM	<b>The Great Surgical Debate: Implications of the CTSN Severe MR Trial in Heart Failure</b>
2:14 PM	<b>The Trial Got it Right: Replacement Is Favored in Functional MR!</b> Michael J. Mack
2:20 PM	<b>The Trial Got it So Wrong; For So Many Reasons: Repair Should Still Be Favored in Functional MR!</b> Steven F. Bolling
2:26 PM	<b>Post-debate Vote: What Does the Audience Believe?</b> <b>Moderator:</b> Steven F. Bolling
2:29 PM	<b>Implications of the CTSN Trial on Transcatheter Mitral Valve Repair vs Replacement</b> Ted E. Feldman

2:35 PM **Roundtable Discussion with Audience Q&A**

**2:45 PM - 3:27 PM**

**Session II. Emerging and Investigational Devices for Mitral Regurgitation: Transcatheter Mitral Valve Annuloplasty**

**Moderators:** Ted E. Feldman, Scott Lim  
**Digital Moderator:** Ralph Stephan von Bardeleben  
**Discussants:** Jan Kovac, Igor F. Palacios, Joachim Schofer  
**Digital Panelists:** Diego Gaia, Quang Ngoc Nguyen, Lars Sondergaard

2:45 PM **The Coronary Sinus Approach: Carillon Update**  
Steven L. Goldberg

2:53 PM **Retrograde Aortic Approach with Pledgets (Mitalign) – The CE Mark Study**  
Alexandre Abizaid

3:01 PM **Retrograde Aortic Approach with Ventricular Cinching (Guided Delivery Systems)**  
Franz X. Kleber

3:09 PM **Antegrade Transvenous Approach with Atrial Banding (Valtech) – The CE Mark Study**  
Francesco Maisano

3:17 PM **Roundtable Discussion with Audience Q&A**

**3:27 PM - 5:04 PM**

**Session III. Emerging and Investigational Devices for Mitral Regurgitation: Transcatheter Mitral Valve Replacement**

**Moderators:** Craig R. Smith, Alec S. Vahanian  
**Digital Moderator:** Olaf Wendler  
**Discussants:** Howard C. Herrmann, Georg Lutter, Michael J. Mack, Ralph Stephan von Bardeleben  
**Digital Panelists:** Adam B. Greenbaum, Jan Kovac

3:27 PM **Perspectives from Valve-in-Valve Experiences**  
Danny Dvir

3:34 PM **Perspectives from Valve-in-Ring Experiences (Transapical)**  
Anson Cheung

3:41 PM **Perspectives from Valve-in-Ring Experiences (Transfemoral)**  
Dominique Himbert

3:48 PM **Hurdles That Must Be Overcome in Designing and Implanting a Transcatheter Mitral Valve: Caveat Emptor! Insights from a Cardiac Surgeon**  
Neil E. Moat

3:55 PM **CardiaQ: Design, Clinical Results, and Next Steps**  
Lars Sondergaard

4:05 PM **Edwards Fortis: Design, Clinical Results, and Next Steps**  
Vinayak Bapat

4:15 PM **Neovasc Tiara: Design, Clinical Results, and Next Steps**  
Anson Cheung

4:25 PM **Tendyne: Design, Clinical Results, and Next Steps**  
Paul A. Grayburn

4:35 PM **Transcatheter Mitral Valves Under Development I: Medtronic TMVR**  
Nicolo Piazza

4:40 PM **Transcatheter Mitral Valves Under Development II: Cephea**  
Juan F. Granada

4:45 PM **Lessons from the First Round of Transcatheter Mitral Valve Implants and Constructive Suggestions for the Future**  
Alfredo Trento

4:52 PM **Roundtable Discussion with Audience Q&A**

**5:04 PM - 6:05 PM**

**Session IV. Emerging and Investigational Transcatheter Devices for Mitral Regurgitation: From the Novel to the Sublime**

**Moderators:** Francesco Maisano, Gregg W. Stone  
**Digital Moderator:** Brian K. Whisenant  
**Discussants:** Peter C. Block, James S. Gammie, Paul A. Grayburn, Stefan Sack, Hendrik Treede  
**Digital Panelists:** Dominique Himbert, Franz X. Kleber, Hellmuth Weich

5:04 PM **Initial Results of the Mitral Valve Repair Clinical Trial (MAVERIC Trial) Utilizing Percutaneous Septal Sinus Shortening (The MVRx System) for the Treatment of Functional Mitral Regurgitation**

Andrejs Erglis

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5:12 PM	<b>Middle Peak Medical: Restoration of Coaptation</b> Jason H. Rogers
5:17 PM	<b>Neochord Artificial Chords: TACT and Beyond</b> Andrea Colli
5:22 PM	<b>Babic Leaflet Puncture Techniques and Chords</b> Uros U. Babic
5:27 PM	<b>Bace External Basal Annuloplasty Device</b> Jai Raman
5:32 PM	<b>TransCardiac Therapeutics MitraFlex Edge-to-Edge Repair</b> Brent Keeling
5:37 PM	<b>Adjustable Valves (Micaardia and Others): From Surgical to Transcatheter Implants</b> Maurice Buchbinder
5:42 PM	<b>The MitraSpacer</b> Lars G. Svensson
5:47 PM	<b>MitrAssist TMVR</b> Peter J. Fitzgerald
5:52 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>

## Didactic Symposia: PFO Closure & Adult Congenital 2

Accreditation: CME/CNE

Sunday, September 14

2:00 PM - 6:00 PM

Room: Level 2, Room 209A/B

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### 2:00 PM - 3:00 PM

#### Session I. Simple Congenital Heart Disease in the Adult

**Moderators:** Ziyad M. Hijazi, John F. Rhodes  
**Digital Moderator:** Carlos Pedra  
**Discussants:** Matthew J. Gillespie, Eric Horlick  
**Digital Panelists:** Remo Albiero, Josef Stasek

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2:00 PM	<b>Patent Ductus Arteriosus in the Adult: Assessment of Operability</b> Ziyad M. Hijazi
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2:12 PM	<b>PDA with Pulmonary Artery Hypertension: An Illustrative Case</b> <b>Case Presenter:</b> Eric Horlick
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2:25 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>
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2:30 PM	<b>Management of Arch Obstruction (Native and Recurrent) in Adults with Congenital Heart Disease</b> Matthew J. Gillespie
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2:42 PM	<b>Coarctation of the Aorta: An Illustrative Case</b> <b>Case Presenter:</b> John F. Rhodes
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2:55 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>
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### 3:00 PM - 4:00 PM

#### Session II. Atrial Septal Defects in Adults

**Moderators:** Horst Sievert, Neil Wilson  
**Digital Moderator:** Doff B. McElhinney  
**Discussants:** Zahid Amin, Bharat Dalvi, Eustaquio Maria Onorato  
**Digital Panelists:** Matthew J. Gillespie, Larry A. Latson

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3:00 PM	<b>When to Close and When Not to Close ASDs: Hemodynamic Considerations</b> Bharat Dalvi
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3:12 PM	<b>Two Illustrative ASD Cases: One with Pulmonary Hypertension and One with Reduced LV Function</b> <b>Case Presenter:</b> Neil Wilson
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3:24 PM      **When to Close and When Not to Close ASDs: Anatomical Considerations**  
Zahid Amin

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3:36 PM      **Two Illustrative ASD Cases: One Large ASD and One with Atypical Location**  
**Case Presenter:** Eustaquio Maria Onorato

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3:48 PM      **Roundtable Discussion with Audience Q&A**

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**4:00 PM - 5:00 PM**

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**Session III. Adult Congenital Heart Disease Abstracts**

**Moderators:** John D. Carroll, Ziyad M. Hijazi

**Digital Moderator:** John M. Lasala

**Discussants:** Lee N. Benson, Elchanan Bruckheimer, Eustaquio Maria Onorato, Carlos Pedra

**Digital Panelists:** Viliam Fridrich, Hosakote Nagaraj

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4:00 PM      **TCT 165: Transcatheter Pulmonary Valve Replacement with the Edwards Sapien Valve: The Toronto Congenital Cardiac Centre for Adults Experience**  
William Wilson, MD

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4:10 PM      **Roundtable Discussion with Audience Q&A**

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4:15 PM      **TCT 161: Transcatheter Closure of Atrial Septal Defect with Inferior Vena Cava Rim Deficiency: Reconsideration of Anatomical Indication**  
Natraj H. S.

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4:25 PM      **Roundtable Discussion with Audience Q&A**

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4:30 PM      **TCT 166: Stenting the Right Ventricular Outflow Tract as a Palliative Procedure in Patients with Tetralogy of Fallot**  
Carlos Pedra

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4:40 PM      **Roundtable Discussion with Audience Q&A**

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4:45 PM      **TCT 164: Is Amplatzer Duct Occluder II Ideal for Closure of Congenital Gerbode's Defect?**  
Natraj Setty, MD

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4:55 PM      **Roundtable Discussion with Audience Q&A**

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**5:00 PM - 6:00 PM**

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**Session IV. Fontan Circulation in the Adult Patient**

**Moderators:** Eric Horlick, Robert J. Sommer

**Digital Moderator:** Elchanan Bruckheimer

**Discussants:** Matthew A Crystal, Frank F. Ing

**Digital Panelists:** Roberto J Cubeddu, Xiangqing Kong, Doff B. McElhinney

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5:00 PM      **The Fontan Circulation 101**  
Robert J. Sommer

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5:15 PM      **Invasive Evaluation of the Failing Fontan Patient**  
Matthew A Crystal

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5:25 PM      **Intervention in the Fontan Patient**  
Frank F. Ing

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5:45 PM      **Roundtable Discussion with Audience Q&A**

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**Didactic Symposia: Pharma. 1: Current Drugs**

Accreditation: CME/CNE

Sunday, September 14

2:00 PM - 6:05 PM

Room: Level 2, Room 201

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**2:00 PM - 3:12 PM**

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**Session I. Bivalirudin vs Heparin Debates**

**Moderators:** David J. Moliterno, E. Magnus Ohman

**Digital Moderator:** Duane S. Pinto

**Discussants:** Hitinder S. Gurm, Timothy D. Henry, Michel R. Le May, Eli I. Lev, A. Michael Lincoff

**Digital Panelists:** Andreas Baumbach, Ramesh Gadepalli

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2:00 PM -  
2:26 PM

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**Bivalirudin vs Heparin Monotherapy in Stable CAD and NSTEMI-ACS: Debating the Merits**

2:00 PM **Pre-debate Vote: What Does the Audience Think?**  
**Moderator:** E. Magnus Ohman

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2:03 PM **The Data Strongly Support Bivalirudin!**  
Roxana Mehran

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2:13 PM **The Data Strongly Support Heparin!**  
Stefanie Schulz

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2:23 PM **Post-debate Vote: Did We Change Any Minds?**  
**Moderator:** E. Magnus Ohman

2:26 PM -  
2:52 PM

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**Bivalirudin vs Heparin Monotherapy in STEMI: Debating the Merits**

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2:26 PM **Pre-debate Vote: What Does the Audience Think?**  
**Moderator:** E. Magnus Ohman

---

2:29 PM **The Data Strongly Support Bivalirudin!**  
Gregg W. Stone

---

2:39 PM **The Data Strongly Support Heparin!**  
Rod H. Stables

---

2:49 PM **Post-debate Vote: Did We Change Any Minds?**  
**Moderator:** E. Magnus Ohman

---

2:52 PM **TCT 467: Bivalirudin vs Heparin for Percutaneous Coronary Intervention: An Updated Meta-analysis of Randomized Controlled Trials**  
Michael Lipinski

---

3:00 PM **Roundtable Discussion with Audience Q&A**

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**3:12 PM - 4:32 PM**

**Session II. Antiplatelet Agent Debates**

**Moderators:** Dietmar Trenk, Harvey D. White

**Digital Moderator:** Dominick J. Angiolillo

**Discussants:** Germano Di Sciascio, Carey D. Kimmelstiel, Matthew J. Price, Daniel I. Simon, Jurrien M. Ten Berg

**Digital Panelists:** Piera Capranzano, Fang Chen, Robert C. Welsh

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3:12 PM -  
3:38 PM

**Is Adequate Pretreatment with P2Y12 Antagonists Beneficial Before PCI in Most Settings?**

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3:12 PM **Pre-debate Vote: What Does the Audience Think?**  
**Moderator:** Dietmar Trenk

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3:15 PM **Definitely – the Data are Clear!**  
E. Magnus Ohman

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3:25 PM **Definitely Not – the Data are Clear!**  
Germano Di Sciascio

---

3:35 PM **Post-debate Vote: Did We Change Any Minds?**  
**Moderator:** Dietmar Trenk

---

3:44 PM -  
4:10 PM

**What Should DAPT Duration Be After Contemporary DES in Stable CAD and ACS?**

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3:44 PM **Pre-debate Vote: What Does the Audience Think?**  
**Moderator:** Dietmar Trenk

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3:47 PM **>= 1 Year in All Settings – Still Safe and Prudent**  
Dean J. Kereiakes

---

3:57 PM **Time to Move to 3-6 Months – Even in ACS!**  
Marco Valgimigli

---

4:07 PM **Post-debate Vote: Did We Change Any Minds?**  
**Moderator:** Dietmar Trenk

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3:38 PM **Roundtable Discussion with Audience Q&A**

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4:10 PM **TCT 479: The Increased Risk of Stent Thrombosis in Acute Coronary Syndromes Is Confined to the First 30 Days After PCI: Results from the Multicenter ADAPT-DES Study**

Ajay J. Kirtane

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4:18 PM      **TCT 481: Two-Year Clinical Results of Patients Randomized to 3- or 12-Month Dual Antiplatelet After Endeavor Zotarolimus-Eluting Stent Implantation in OPTIMIZE**  
Fausto Feres

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4:26 PM      **Roundtable Discussion with Audience Q&A**

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**4:32 PM - 6:05 PM**

**Session III. More Antiplatelet Issues**

**Moderators:** Robert A. Harrington, Ajay J. Kirtane

**Digital Moderator:** Thomas D. Stuckey

**Discussants:** David Antoniucci, Nick Curzen, Kurt Huber, Franz-Josef Neumann, Michelle O'Donoghue

**Digital Panelists:** Walter Desmet, Scott Harding, Jose Armando Mangione

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4:32 PM      **Featured Lecture: Aspirin, the Most Understood and Misunderstood Antiplatelet Agent**  
Anthony A. Bavry

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4:44 PM      **De-escalating Antiplatelet Treatment in ACS Patients: New Concepts and Upcoming Studies**  
Dirk Sibbing

---

4:52 PM      **The Case for Selective Use of Prasugrel and Ticagrelor in PCI Patients with Stable CAD**  
Matthew J. Price

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5:02 PM      **How Might Genetic and Platelet Function Testing Be Rationally Used – TODAY?**  
Paul A. Gurbel

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5:12 PM      **Featured Lecture: First Presentation of the PLATO Primary PCI Subgroup**  
Philippe Gabriel Steg

---

5:24 PM      **Integrating a WOEST Aspirin Deletion Strategy Into Clinical Practice: When Is it Appropriate?**  
Freek W.A. Verheugt

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5:34 PM      **Antiplatelet Management Before Non-cardiac Surgery**  
Davide Capodanno

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5:42 PM      **Does Cilostazol Have a Role as an Antiplatelet Agent in the Contemporary DES Era (and in Triple Therapy Decisions)?**  
Frederick Feit

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5:50 PM      **Roundtable Discussion with Audience Q&A**

## Didactic Symposia: Physiologic Lesion Assessment

Accreditation: CME/CNE

Sunday, September 14

2:00 PM - 6:00 PM

Room: Level 1, Room 150A/B

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

**Session I. Physiology Basics**

**Moderators:** Javier Escaned, Nico H.J. Pijls

**Digital Moderator:** Morton J. Kern

**Discussants:** Thomas Engstroem, Jens Flensted Lassen, Massoud A. Leesar, Habib Samady

**Digital Panelist:** Sayan Sen

**Digital Panelist:** Stefan Harb

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2:00 PM      **Concept of "Functional PCI": The Rationale for Physiologic Lesion Assessment for PCI Guidance**  
Allen Jeremias

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2:12 PM      **Three Cases Which Changed My Interventional Practice Using Fractional Flow Reserve (FFR)**  
**Case Presenter:** Nico H.J. Pijls

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2:24 PM      **Prognostic Value of FFR: Linking Physiologic Severity to Clinical Outcomes**  
Nils Johnson

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2:36 PM      **Physiology Changing Clinical Decision Making: Systematic Use of FFR From the French National Registry Study**  
Eric Van Belle

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2:48 PM      **Roundtable Discussion with Audience Q&A**



3:00 PM - 4:15 PM

**Session II. Novel Approaches to Physiologic Lesion Assessment**

**Moderators:** Justin E. Davies, Allen Jeremias

**Digital Moderator:** Nick E. J. West

**Discussants:** Kevin J. Croce, Hitoshi Matsuo, James K. Min, Arnold Seto, Eric Van Belle

**Digital Panelists:** Georgios C Bompotis, Jorge Cortes Lawrenz, Tommaso Gori

- 
- 3:00 PM      **Segmental Stenosis vs Diffuse Disease: The Yin and Yang of Coronary Physiology**  
K. Lance Gould
- 
- 3:12 PM      **Assessment of Diffuse Disease by Coregistration of Angiography and Pressure Indices**  
Justin E. Davies
- 
- 3:24 PM      **FFR, CFR and Microvascular Resistance: Frequency and Impact of Discordances**  
Tim P. van de Hoef
- 
- 3:36 PM      **Hyperemic vs Resting Indices: Comparison in Stable and ACS Populations**  
Rajesh K Kharbanda
- 
- 3:48 PM      **FFR-CT: The Game Changer? Recommended Applications in 2014/2015**  
Bon-Kwon Koo
- 
- 4:00 PM      **Roundtable Discussion with Audience Q&A**

4:15 PM - 5:00 PM

**Session III. Abstract Session**

**Moderators:** William F. Fearon, Bon-Kwon Koo

**Digital Moderator:** Michael J. Lim

**Discussants:** Colin Berry, Michalis Hamilos, Miodrag C. Ostojic, Bruce Samuels, Nobuhiro Tanaka

**Digital Panelists:** Joelle Elias, Rajesh K Kharbanda, Olivier Muller

- 
- 4:15 PM      **TCT 309: Influence of Subtended Myocardial Mass on Intracoronary Physiology Indices of Stenosis Severity and Microcirculatory Function**  
Mauro Echavarría-Pinto
- 
- 4:25 PM      **Roundtable Discussion with Audience Q&A**
- 
- 4:30 PM      **TCT 310: Recanalization Of Chronic Total Coronary Occlusions: The Influence on Collateral Donor Artery Physiology and Fractional Flow Reserve**  
Andrew Ladwiniec
- 
- 4:40 PM      **Roundtable Discussion with Audience Q&A**
- 
- 4:45 PM      **TCT 311: Pressure Wire Pullback Using the Instantaneous Wave-Free Ratio (iFR) Can Identify Stenoses and Predict the Improvement After Stenting**  
Sukhjinder Nijjer
- 
- 4:55 PM      **Roundtable Discussion with Audience Q&A**

5:00 PM - 6:00 PM

**Session IV. Clinical Trial Update in Coronary Physiology**

**Moderators:** Bernard De Bruyne, Manesh R. Patel

**Digital Moderator:** Allen Jeremias

**Discussants:** Graham A. Cassel, Matthias Götzberg, Pedro A. Lemos, Keith G. Oldroyd, Sayan Sen

**Digital Panelists:** Branko Beleslin, Aggeliki-Despoina F. Mavrogianni

- 
- 5:00 PM      **From FAME 1 to FAME 3: The Functional SYNTAX Score**  
William F. Fearon
- 
- 5:12 PM      **Physiology Studies Evaluating Clinical Outcomes Using iFR: FLAIR, SweedeHeart, Syntax II, and Prospect II**  
Javier Escaned
- 
- 5:24 PM      **Physiological Indices in ACS: The FAMOUS Trial**  
Colin Berry
- 
- 5:36 PM      **Ischemia and Clinical Outcomes: The Missing Mechanistic Link**  
Bernard De Bruyne
- 
- 5:48 PM      **Roundtable Discussion with Audience Q&A**

Didactic Symposia: RDN & Hypertension Therapies 2

Accreditation: CME/CNE

**2:00 PM - 4:22 PM**

**Session IV. Clinical Trials of Renal Denervation Therapies – Past, Present, and Future**

**Moderators:** Deepak L. Bhatt, Michael A. Weber

**Digital Moderator:** William A. Gray

**Discussants:** Michael Boehm, Darrel P. Francis, Martin B. Leon, Felix Mahfoud, Thomas Zeller

**Digital Panelists:** Farrell O. Mendelsohn, Terje K. Steigen

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2:00 PM      **First Deep Dive into SYMPLICITY HTN-3: Primary Results and Updated Analyses**  
Deepak L. Bhatt

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2:12 PM      **TCT 405: SYMPLICITY HTN-3: Outcomes in the African-American and Non-African American Populations**  
John Flack

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2:20 PM      **Second Deep Dive into SYMPLICITY HTN-3: Novel Mechanistic Insights from the Trial**  
David E. Kandzari

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2:32 PM      **Roundtable Discussion with Audience Q&A**

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2:42 PM      **Audience Poll: Implications of SYMPLICITY HTN-3**  
**Moderator:** Deepak L. Bhatt

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2:45 PM      **From SYMPLICITY HTN-1 to the Global SYMPLICITY Registry and Beyond: Updates from and Status of the SYMPLICITY Clinical Trial Program**  
Michael Boehm

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2:55 PM      **Updates and Status of the Boston Scientific Vessix Program**  
Ajay J. Kirtane

---

3:05 PM      **Updates and Status of the St. Jude EnlighTN Program**  
William A. Gray

---

3:15 PM      **Updates and Status of the ReCor Paradise Program**  
Thomas Zeller

---

3:25 PM      **Updates and Status of the Cordis Renlane Program**  
Felix Mahfoud

---

3:35 PM      **Roundtable Discussion with Audience Q&A**

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3:45 PM      **TCT 406: Renal Artery Trauma Induced by Four Different Renal Denervation Systems: A Multimodality Intraarterial Imaging Study**  
Antonios Karanasos

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3:53 PM      **Roundtable Discussion with Audience Q&A**

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3:55 PM -  
4:22 PM      **Debate: The Ideal Population in Which to Apply and Study RDN Therapies is...**

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3:55 PM      **Early Stage or Uncontrolled Hypertension!**  
Darrel P. Francis

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4:03 PM      **Resistant Hypertension!**  
Atul Pathak

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4:11 PM      **Roundtable Discussion with Audience Q&A**

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4:19 PM      **Audience Poll: The Future of RDN Therapies for Hypertension**  
**Moderator:** Deepak L. Bhatt

**4:22 PM - 6:05 PM**

**Session V. Hypertension and Beyond: Novel Indications, Novel Therapies**

**Moderators:** Michael R. Jaff, Horst Sievert

**Digital Moderator:** Michael J. Rinaldi

**Discussants:** Jose Luis Assad-Morell, Mark C. Bates, Shao Liang Chen, Justin E. Davies, Richard R. Heuser, Felix Mahfoud, Vivek Y. Reddy, Paul

A. Sobotka

**Digital Panelist:** Dmitry N. Feldman

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4:22 PM	<b>Extravascular Focused Ultrasound for Renal Denervation: Kona Medical Update</b> John A. Ormiston
4:32 PM	<b>Renal Denervation for Atrial and Ventricular Arrhythmias: Status and Case Examples</b> Vivek Y. Reddy
4:42 PM	<b>Renal Denervation for Congestive Heart Failure: Status and Case Example</b> Justin E. Davies
4:52 PM	<b>Renal Denervation for Chronic Kidney Disease: Status and Case Example</b> Felix Mahfoud
5:02 PM	<b>Transureteral Pelvic Denervation</b> Richard R. Heuser
5:12 PM	<b>TCT 404: First Clinical Experience with Neurotropic Agents for Treatment of Sympathetic Hypertension</b> Horst Sievert
5:20 PM	<b>A Self-Expanding Nitinol Carotid Prosthesis to Treat Resistant Hypertension (Vascular Dynamics)</b> Mark C. Bates
5:30 PM	<b>Alternative Device-Based Modalities to Treat Hypertension</b> Paul A. Sobotka
5:40 PM	<b>Pulmonary Artery Denervation for Pulmonary Hypertension: Results, Case Example, and Future Directions</b> Shao Liang Chen
5:52 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>

## Didactic Symposia: TAVR: Today & Tomorrow 2

Accreditation: CME/CNE

Sunday, September 14

2:00 PM - 6:02 PM

Room: Level 2, Room 202A/B

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**2:00 PM - 3:26 PM**

### **Session IV. TAVR Complications I – Strokes and Paravalvular Regurgitation**

**Moderators:** Samir R. Kapadia, Patrick T. O’Gara

**Digital Moderator:** G. Michael Deeb

**Discussants:** Lutz Buellesfeld, Omar K. Khalique, Susheel Kodali, Ronald M. Lazar, Ian T. Meredith, Nicolas M. van Mieghem

**Digital Panelists:** Antonio Enrique Dager, Michael J. Davidson

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2:00 PM	<b>Strokes After TAVR I: Incidence (Past and Present) and Multifactorial Origin</b> Samir R. Kapadia
2:10 PM	<b>Discussion</b>
2:12 PM	<b>Strokes After TAVR II: Management Considerations (Current and Future)</b> Nicolas M. van Mieghem
2:20 PM	<b>Discussion</b>
2:22 PM	<b>Neurocognitive Functional Assessment After TAVR: Methodologies and Clinical Importance</b> Ronald M. Lazar
2:32 PM	<b>Discussion</b>
2:34 PM	<b>Paravalvular Regurgitation After TAVR I: Incidence, Etiologies, Diagnostic Considerations, Clinical Impact, and Treatment Alternatives</b> Susheel Kodali
2:44 PM	<b>Discussion</b>
2:46 PM	<b>Paravalvular Regurgitation After TAVR II: Will New TAVR Systems Eliminate the Problem?</b> Ian T. Meredith
2:54 PM	<b>Discussion</b>

2:56 PM	<b>TCT 664: Cardiac Magnetic Resonance Versus Transthoracic Echocardiography for the Assessment and Quantification of Aortic Regurgitation in Patients Undergoing Transcatheter Aortic Valve Implantation</b> Henrique B. Ribeiro
3:04 PM	<b>Discussion</b>
3:06 PM	<b>TCT 684: Impact of Mixed Aortic Valve Stenosis on VARC-2 Outcomes and Postprocedural Periprosthetic Aortic Regurgitation in Patients Undergoing Transcatheter Aortic Valve Implantation: Results from the International, Multicentric PRAGMATIC (Pooled Rotterd</b> Gennaro Giustino
3:14 PM	<b>Discussion</b>
3:16 PM	<b>TCT 685: Costs of Periprocedural Complications Among Patients Treated with a Self-Expanding Transcatheter Aortic Valve Prosthesis: Results from the CoreValve US Pivotal Extreme-Risk Study</b> Suzanne Baron
3:24 PM	<b>Discussion</b>

#### 3:26 PM - 4:54 PM

#### Session V. TAVR Complications II – All the Rest

**Moderators:** Josep Rodés-Cabau, Mathew Williams

**Digital Moderator:** Azeem Latib

**Discussants:** Marco Barbanti, Nirat Beohar, Philippe Généreux, Tamim Nazif, Michael J. Reardon, Stephan Windecker

**Digital Panelists:** Larry S. Dean, Chandan Devireddy, Todd M. Dewey

3:26 PM	<b>Vascular Complications After TAVR: Changing Frequency, Clinical Impact, and Optimal Management</b> Stephan Windecker
3:36 PM	<b>Discussion</b>
3:38 PM	<b>TAVR Alternative Access: Balancing Risks and Benefits of Subclavian, Direct Aortic, and Transapical Approaches</b> Michael J. Reardon
3:48 PM	<b>Discussion</b>
3:50 PM	<b>Bleeding Events (Early and Late) After TAVR: An Important and Often Misunderstood Complication</b> Philippe Généreux
4:00 PM	<b>Discussion</b>
4:02 PM	<b>Conduction Disturbances (New LBBB and Pacemakers) After TAVR: Frequency, Clinical Impact, and Management Considerations</b> Tamim Nazif
4:12 PM	<b>Discussion</b>
4:14 PM	<b>Incidence, Significance, and Management of New-Onset Atrial Fibrillation After TAVR</b> Josep Rodés-Cabau
4:22 PM	<b>Discussion</b>
4:24 PM	<b>Risks, Consequences, and Treatment of Coronary Occlusion During TAVR</b> Henrique B. Ribeiro
4:32 PM	<b>Discussion</b>
4:34 PM	<b>Anatomical and Procedural Factors Associated with Aortic Root Rupture During TAVR</b> Marco Barbanti
4:42 PM	<b>Discussion</b>
4:44 PM	<b>Valve Thrombus After TAVR: Frequency, Clinical Recognition, and Management</b> Azeem Latib
4:52 PM	<b>Discussion</b>

#### 4:54 PM - 6:02 PM

#### Session VI. TAVR Device Preferences and Adjunctive Imaging Modalities

**Moderators:** Alain G. Cribier, Michael J. Reardon

**Digital Moderator:** Steven J. Yakubov

**Discussants:** Mohamed Abdel-Wahab, Rebecca T. Hahn, Jonathon A. Leipsic, Raj Makkar, Nicolo Piazza, John G. Webb

**Digital Panelists:** Guering Eid-Lidt, Georgios Georgiou

4:54 PM	<b>Special Attributes and Disadvantages of the Self-Expanding TAVR Platform</b> Nicolo Piazza
5:04 PM	<b>Discussion</b>

5:06 PM	<b>Special Attributes and Disadvantages of the Balloon-Expandable TAVR Platform</b> John G. Webb
5:16 PM	<b>Discussion</b>
5:18 PM	<b>Lessons From the CHOICE Trial</b> Mohamed Abdel-Wahab
5:26 PM	<b>Discussion</b>
5:28 PM	<b>Multi-device Patient-Specific TAVR – Now or in the Future?</b> Raj Makkar
5:36 PM	<b>Discussion</b>
5:38 PM	<b>The Five Echocardiographic Essentials for Optimal TAVR</b> Rebecca T. Hahn
5:48 PM	<b>Discussion</b>
5:50 PM	<b>The Five Multislice CT Essentials for Optimal TAVR</b> Jonathon A. Leipsic
6:00 PM	<b>Discussion</b>

### International Session: Advanced Treatment of CTOs

Accreditation: CME

Sunday, September 14

8:00 AM - 9:00 AM

Room: Lower Level, Presentation Theater 2

#### 8:00 AM - 8:30 AM

#### Session I. The Netherlands Presents to Belgium

**Moderators:** Sorin J. Brener, Walter Desmet, Claude Hanet, Jose P.S. Henriques, René J. van der Schaaf

**Discussants:** Adel Aminian, Marc Carlier, Jan C Hoorntje, Maarten J. Suttorp

8:00 AM	<b>Case #1: Complex CTO Intervention Based on Cardiac MRI and Flow Measurements</b> <b>Case Presenter:</b> Joelle Elias
8:05 AM	<b>How Would I Treat This Patient?</b> Marc Carlier
8:10 AM	<b>How Did I Treat This Patient?</b> <b>Case Presenter:</b> Joelle Elias
8:17 AM	<b>Roundtable Discussion with Audience Q&amp;A</b>
8:25 AM	<b>Consensus and Take-home Messages</b> Jose P.S. Henriques

#### 8:30 AM - 9:00 AM

#### Session II. Belgium Presents to the Netherlands

**Moderators:** Sorin J. Brener, Walter Desmet, Claude Hanet, Jose P.S. Henriques, René J. van der Schaaf

**Discussants:** Adel Aminian, Marc Carlier, Jan C Hoorntje, Maarten J. Suttorp

8:30 AM	<b>Case #2: Recanalization of a CTO with Reentry at a Bifurcation</b> <b>Case Presenter:</b> Vincent Segers
8:35 AM	<b>How Would I Treat This Patient?</b> René J. van der Schaaf
8:40 AM	<b>How Did I Treat This Patient?</b> <b>Case Presenter:</b> Vincent Segers
8:47 AM	<b>Roundtable Discussion with Audience Q&amp;A</b>
8:55 AM	<b>Consensus and Take-home Messages</b> Walter Desmet

## International Session: Management of Multivessel CAD

Accreditation: CME

Sunday, September 14

8:00 AM - 9:00 AM

Room: Lower Level, Presentation Theater 1

### 8:00 AM - 8:30 AM

#### Session I. Scotland Presents to Canada

**Moderators:** Dean J. Kereiakes, Margaret B. McEntegart, Stuart Watkins

**Discussants:** Minh Vo, Robert C. Welsh

8:00 AM **Case #1: Multivessel Disease in a STEMI Patient**  
**Case Presenter:** Keith G. Oldroyd

8:04 AM **How Would I Treat This Patient?**  
Robert C. Welsh

8:08 AM **How Did I Treat This Patient?**  
**Case Presenter:** Keith G. Oldroyd

8:13 AM **Case #2: Multivessel Disease in an NSTEMI Patient**  
**Case Presenter:** Colin Berry

8:17 AM **How Would I Treat This Patient?**  
Minh Vo

8:21 AM **How Did I Treat This Patient?**  
**Case Presenter:** Colin Berry

8:25 AM **Roundtable Discussion with Audience Q&A**

### 8:30 AM - 9:00 AM

#### Session II. Canada Presents to Scotland

**Moderators:** Eric A. Cohen, Dean J. Kereiakes

**Discussants:** Stuart Watkins, Robert C. Welsh

8:30 AM **Case #3. Multivessel Disease in a Stable CAD Patient**  
**Case Presenter:** Samer Mansour

8:35 AM **How Would I Treat This Patient?**  
Stuart Watkins

8:40 AM **How Did I Treat This Patient?**  
**Case Presenter:** Samer Mansour

8:47 AM **Roundtable Discussion with Audience Q&A**

8:55 AM **Consensus and Take-home Messages**  
Eric A. Cohen, Margaret B. McEntegart

## International Session: Challenges w/Complex Bifurcations

Accreditation: CME

Sunday, September 14

9:00 AM - 10:00 AM

Room: Lower Level, Presentation Theater 1

### 9:00 AM - 9:30 AM

#### Session I. Egypt Presents to Turkey

**Moderators:** Adel El Etriby, James B. Hermiller Jr, Lale s Tokgozoglu

**Discussants:** Sherif Mohamed Fayek ElTobgi, Oktay Asim Ergene, Ahmed Magdy

9:00 AM **Case #1: Heavily Calcified, Angulated LAD Bifurcation**  
**Case Presenter:** Sherif Mohamed Fayek ElTobgi

9:05 AM **How Would I Treat This Patient?**  
Muzaffer M. Degertekin

9:10 AM **How Did I Treat This Patient?**  
**Case Presenter:** Sherif Mohamed Fayek ElTobgi

9:17 AM **Roundtable Discussion with Audience Q&A**

9:25 AM **Consensus and Take-home Messages**  
Adel El Etriby

**9:30 AM - 10:00 AM**

**Session II. Turkey Presents to Egypt**

**Moderators:** Adel El Etriby, James B. Hermillier Jr, Lale s Tokgozoglu  
**Discussants:** Sherif Mohamed Fayek ElTobgi, Oktay Asim Ergene, Ahmed Magdy

9:30 AM **Case #2: A Complex Bifurcation Lesion**  
**Case Presenter:** Omer Goktekin

9:35 AM **How Would I Treat This Patient?**  
Adel El Etriby

9:40 AM **How Did I Treat This Patient?**  
**Case Presenter:** Omer Goktekin

9:47 AM **Roundtable Discussion with Audience Q&A**

9:55 AM **Consensus and Take-home Messages**  
Lale s Tokgozoglu

## International Session: Primary PCI Vascular Complications

Accreditation: CME

Sunday, September 14

9:00 AM - 10:00 AM

Room: Lower Level, Presentation Theater 2

**9:00 AM - 9:30 AM**

**Session I. Iran Presents to Croatia**

**Moderators:** Mahmoud Hashemian, Ajay J. Kirtane, Mohammad Ali Ostovan, Hrvoje Pintaric  
**Discussants:** Eduard Margetic, M. Reza Movahed, Vjekoslav Tomulic

9:00 AM **Case #1: Retroperitoneal Hematoma and External Iliac Artery Thrombosis After Primary PCI**  
**Case Presenter:** Mohammad Ali Ostovan

9:06 AM **How Would I Treat This Patient?**  
Hrvoje Pintaric

9:11 AM **How Did I Treat This Patient?**  
**Case Presenter:** Mohammad Ali Ostovan

9:18 AM **Roundtable Discussion with Audience Q&A**

9:25 AM **Consensus and Take-home Messages**  
Mahmoud Hashemian

**9:30 AM - 10:00 AM**

**Session II. Croatia Presents to Iran**

**Moderators:** Mahmoud Hashemian, Ajay J. Kirtane, Mohammad Ali Ostovan, Hrvoje Pintaric  
**Discussants:** Eduard Margetic, M. Reza Movahed, Vjekoslav Tomulic

9:30 AM **Case #2: Iatrogenic Ascending Aortic Dissection During Primary PCI with a Transradial Approach**  
**Case Presenter:** Josko Bulum

9:35 AM **How Would I Treat This Patient?**  
M. Reza Movahed

9:40 AM **How Did I Treat This Patient?**  
**Case Presenter:** Josko Bulum

9:47 AM **Roundtable Discussion with Audience Q&A**

9:52 AM **Consensus and Take-home Messages**  
Josko Bulum

## International Session: BRS in Bifurcation Lesions

Accreditation: CME

Sunday, September 14

10:00 AM - 12:00 PM

Room: Lower Level, Presentation Theater 1

### 10:00 AM - 10:30 AM

#### Session I. "Simple" Bifurcation Treatment Using BRS

**Moderators:** Evald H. Christiansen, George D. Dangas, Andrejs Erglis

**Discussants:** Niels R. Holm, Kari Kervinen, John A. Ormiston, Terje K. Steigen, Leif Thuesen

10:00 AM      **European Bifurcation Club Position on BRS in Bifurcations**  
Jens Flensted Lassen

10:07 AM      **Case #1: "Simple" Technique, Carefully Executed**  
**Case Presenter:** Matti Jaakko Niemela

10:14 AM      **Case #2: BRS in a "Step-Down" Tapering Bifurcation**  
**Case Presenter:** Niels R. Holm

10:21 AM      **Roundtable Discussion with Audience Q&A**

### 10:30 AM - 11:00 AM

#### Session II. Side Branch Compromise After Main Vessel BRS Implantation

**Moderators:** Evald H. Christiansen, George D. Dangas, Andrejs Erglis

**Discussants:** Niels R. Holm, Kari Kervinen, John A. Ormiston, Terje K. Steigen, Leif Thuesen

10:30 AM      **Case #3: Mini-Kissing Balloon Postdilatation for Side Branch Compromise**  
**Case Presenter:** John A. Ormiston

10:37 AM      **Case #4: Swift and Safe – DES for Side Branch Bail Out**  
**Case Presenter:** Michael Maeng

10:44 AM      **Case #5: Side Branch BRS Goes Well in Provisional T**  
**Case Presenter:** Miroslaw Ferenc

10:51 AM      **Roundtable Discussion with Audience Q&A**

### 11:00 AM - 11:30 AM

#### Session III. Planned Side Branch Treatment Using BRS

**Moderators:** Evald H. Christiansen, George D. Dangas, Andrejs Erglis

**Discussants:** Niels R. Holm, Kari Kervinen, John A. Ormiston, Terje K. Steigen, Leif Thuesen

11:00 AM      **Case #6: DEB the Side Branch**  
**Case Presenter:** Mikko Pietila

11:07 AM      **Case #7: T Stent Technique Using BRS**  
**Case Presenter:** Erlend Eriksen

11:14 AM      **Case #8: TAP Application for BRS**  
**Case Presenter:** Azeem Latib

11:21 AM      **Roundtable Discussion with Audience Q&A**

### 11:30 AM - 12:00 PM

#### Session IV. BRS in the Distal Left Main Bifurcation and Other Uncharted Territory

**Moderators:** Evald H. Christiansen, George D. Dangas, Andrejs Erglis

**Discussants:** Niels R. Holm, Kari Kervinen, John A. Ormiston, Terje K. Steigen, Leif Thuesen

11:30 AM      **Case #10: BRS for the Ostial LCX Only**  
**Case Presenter:** Indulis Kumsars

11:37 AM      **Case #11: BRS for a Small LMCA**  
**Case Presenter:** Gustavs Latkovskis

11:44 AM      **Case #12: BVS is Uncharted Territory - Be Careful!**  
**Case Presenter:** Evald H. Christiansen



**International Session: Complex Patients with NSTEMI**

Accreditation: CME

Sunday, September 14

10:00 AM - 11:00 AM

Room: Lower Level, Presentation Theater 2

**10:00 AM - 10:30 AM****Session I. The Czech Republic Presents to Slovakia****Moderators:** Viliam Fridrich, Petr Kala, Josef Stasek, Alec S. Vahanian**Discussants:** Marian Branny, Stanislav Juhas, Robert Novotny, Jan Petrus, Michael Zelizko

10:00 AM **Case #1: Complex Patient with NSTEMI and Severe Aortic Stenosis**  
**Case Presenter:** Pavel Cervinka

10:05 AM **How Would I Treat This Patient?**  
 Viliam Fridrich

10:10 AM **How Did I Treat This Patient?**  
**Case Presenter:** Pavel Cervinka

10:17 AM **Roundtable Discussion with Audience Q&A**

10:25 AM **Consensus and Take-home Messages**  
 Petr Kala

**10:30 AM - 11:00 AM****Session II. Slovakia Presents to The Czech Republic****Moderators:** Petr Kala, Josef Stasek, Alec S. Vahanian**Discussants:** Marian Branny, Robert Novotny, Jan Petrus, Michael Zelizko

10:30 AM **Case #2: Extraction of a Fractured Guidewire During NSTEMI Intervention**  
**Case Presenter:** Stanislav Juhas

10:35 AM **How Would I Treat This Patient?**  
 Michael Zelizko

10:40 AM **How Did I Treat This Patient?**  
**Case Presenter:** Stanislav Juhas

10:47 AM **Roundtable Discussion with Audience Q&A**

10:55 AM **Consensus and Take-home Messages**  
 Viliam Fridrich

**International Session: Complex TAVR**

Accreditation: CME

Sunday, September 14

11:00 AM - 12:00 PM

Room: Lower Level, Presentation Theater 2

**11:00 AM - 11:30 AM****Session I. South Africa Presents to Germany****Moderators:** Graham A. Cassel, Hans R. Figulla, Greg L. Kaluza, Jochen Wöhrle**Discussants:** Michael Haude, Christoph K. Naber, Hellmuth Weich

11:00 AM **Case #1: Significant Aortic Regurgitation After TAVR – How to Treat?**  
**Case Presenter:** Jean Voster

11:05 AM **How Would I Treat This Patient?**  
 Hans R. Figulla

11:10 AM **How Did I Treat This Patient?**

**Case Presenter:** Jean Voster

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11:17 AM     **Roundtable Discussion with Audience Q&A**

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11:25 AM     **Consensus and Take-home Messages**  
Graham A. Cassel

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**11:30 AM - 12:00 PM     Session II. Germany Presents to South Africa**

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**Moderators:** Graham A. Cassel, Hans R. Figulla, Greg L. Kaluza, Jochen Wöhrle  
**Discussants:** Michael Haude, Christoph K. Naber, Hellmuth Weich

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11:30 AM     **Case #2: Transfemoral TAVR for Bicuspid Aortic Valve Stenosis Using a Second-Generation Device**  
**Case Presenter:** Peter Boekstegers

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11:35 AM     **How Would I Treat This Patient?**  
Hellmuth Weich

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11:40 AM     **How Did I Treat This Patient?**  
**Case Presenter:** Peter Boekstegers

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11:47 AM     **Roundtable Discussion with Audience Q&A**

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11:55 AM     **Consensus and Take-home Messages**  
Jochen Wöhrle

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### Evening Symposium: Integrating TMVR Into a Successful Valve Center (Sponsored by Abbott)

Sunday, September 14

6:30 PM - 8:00 PM

Room: Marriott Marquis: Level M4, Liberty Ballroom, Salons I-L

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**6:30 PM - 8:00 PM     Integrating TMVR Into a Successful Valve Center**

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**Chair:** Martin B. Leon

**Discussants:** Gorav Ailawadi, Saibal Kar, Patricia Keegan, Brij Maini, Francesco Maisano, Mubashir Mumtaz, Vinod H. Thourani, Robin Weiner-Renteria

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6:30 PM     **Welcome and Introduction**  
Martin B. Leon

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6:40 PM     **Heart Team Collaboration**  
Brij Maini, Mubashir Mumtaz

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6:50 PM     **European Perspectives of TMVR**  
Francesco Maisano

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7:00 PM     **TMVR Patient Selection**  
Gorav Ailawadi, Vinod H. Thourani

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7:15 PM     **MitraClip Procedure**  
Saibal Kar, Brij Maini

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7:30 PM     **Heart Team Partnership**  
Patricia Keegan

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7:40 PM     **Hospital Administrator's Perspective**  
Robin Weiner-Renteria

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7:50 PM     **Faculty Discussion**

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Evening Symposium: Issues with DAPT: A Case-Based Roundtable with the Experts (Sponsored by Cardiovascular Research Foundation) (Supported by Abbott Vascular, Boston Scientific Corporation, Daiichi Sankyo, Inc. and Lilly USA, LLC, and Medtronic CardioVascular)

Accreditation: CME

Sunday, September 14

6:30 PM - 8:00 PM

Room: Marriott Marquis: Level M4, Liberty Ballroom, Salons M-P

**6:30 PM - 8:00 PM**

**Issues with DAPT: A Case-Based Roundtable with the Experts**

**Chairs:** Ajay J. Kirtane, Roxana Mehran

**Discussants:** David E. Kandzari, Dean J. Kereiakes

6:30 PM      **Welcome, Introductions, and Session Goals**  
Roxana Mehran

6:35 PM      **The Latest on Duration of DAPT in Stenting: How Long and for Whom?**  
Roxana Mehran

6:45 PM      **Case 1: A Bleeding Patient After a Fresh Stent Is Placed!**  
**Case Presenter:** David E. Kandzari

6:50 PM      **Panel and Synthesis**

7:05 PM      **Case 2: Patient Post-DES Requiring Major Surgery**  
**Case Presenter:** Ajay J. Kirtane

7:10 PM      **Panel and Synthesis**

7:25 PM      **Case 3: One Year After DES Placement: To Stop or Not?**  
**Case Presenter:** Dean J. Kereiakes

7:30 PM      **Panel and Synthesis**

7:40 PM      **Case 4: Patient with Atrial Fibrillation and DES**  
**Case Presenter:** Roxana Mehran

7:45 PM      **Final Words and Take-home Messages**  
Roxana Mehran

**Evening Symposium: Knights of the Roundtable 2014: Challenging AMI Therapies (Sponsored by Cardiovascular Research Foundation) (Supported by Abbott Vascular, InspireMD, and The Medicines Company)**

Accreditation: CME

Sunday, September 14

6:30 PM - 8:05 PM

Room: Marriott Marquis: Level M2, Marquis Ballroom, Salons 1-4

**6:30 PM - 8:05 PM**

**Knights of the Roundtable 2014**

**Chairs:** Cindy L. Grines, Ajay J. Kirtane, Gregg W. Stone

**Discussants:** Eric R. Bates, Colin Berry, Davide Capodanno, David A. Cox, Giuseppe De Luca, David P. Faxon, Alice K. Jacobs, Petr Kala, Margaret B. McEntegart, William W. O'Neill, E. Magnus Ohman, Keith G. Oldroyd, Manel Sabate, Rod H. Stables, Philippe Gabriel Steg, Harvey D. White, Bernhard Witzenbichler, Robert W. Yeh

6:30 PM - 6:54 PM      **Unsettled Issues in STEMI I. The Choice of Anticoagulant Therapy in STEMI – Back to the Future?**

**Moderator:** Ajay J. Kirtane

**Discussants:** Eric R. Bates, E. Magnus Ohman, Rod H. Stables, Harvey D. White, Bernhard Witzenbichler

6:30 PM      **The Data Support Bivalirudin!**  
Philippe Gabriel Steg

6:37 PM      **Not So Fast... Heparin Is a Very Reasonable Option!**  
Keith G. Oldroyd

6:44 PM      **Roundtable Discussion with Audience Q&A**

6:54 PM - 7:25 PM      **Unsettled Issues in STEMI II. STEMI Revascularization in Multivessel Disease**

**Moderator:** Cindy L. Grines

**Discussants:** Petr Kala, William W. O'Neill, Manel Sabate, Philippe Gabriel Steg

6:54 PM      **Culprit Lesion Only, Followed by Provisional Revascularization Is Most Prudent!**  
David P. Faxon

7:01 PM      **Culprit Lesion Only, Followed by Planned Staged Revascularization!**

Davide Capodanno

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7:08 PM      **Initial Complete Revascularization Saves Time and Money and Prevents Death and Reinfarction!**  
Colin Berry

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7:15 PM      **Roundtable Discussion with Audience Q&A**

7:25 PM -  
8:05 PM

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**Unsettled Issues in STEMI III. Strategies, Devices, and Quality Measures: Buy, Sell, or Hold?**

**Moderator:** Gregg W. Stone

**Discussants:** Eric R. Bates, David A. Cox, Giuseppe De Luca, Alice K. Jacobs, Bernhard Witzembichler

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7:25 PM      **Is Door-to-Balloon Time No Longer a Useful Metric?**  
Robert W. Yeh

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7:32 PM      **Should Aspiration Thrombectomy Be Performed Routinely or Selectively?**  
Cindy L. Grines

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7:39 PM      **Is Deferral of PCI With Pharmacologic Passivation a Reasonable Option?**  
Margaret B. McEntegart

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7:46 PM      **Novel Stent Designs in STEMI**  
Gregg W. Stone

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7:53 PM      **Roundtable Discussion with Audience Q&A**

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#### Evening Symposium: Vessel Preparation in the Modern Era of Interventional Cardiology (Sponsored by Cardiovascular Systems, Inc.)

Sunday, September 14

6:30 PM - 8:00 PM

Room: Marriott Marquis: Level M4, Independence Ballroom, Salons A-E

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**6:30 PM - 8:00 PM      Vessel Preparation in the Modern Era of Interventional Cardiology**

**Discussants:** Jeffrey Chambers, Philippe G n reux, Jeffrey W. Moses, Richard A. Shlofmitz, Renu Virmani

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6:30 PM      **Welcome and Introductions**

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6:32 PM      **Explanation of Calcium Production and Deposition in Coronary Arteries, a Pathologist's Point of View**  
Renu Virmani

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6:54 PM      **Impact of Coronary Calcification on Clinical Outcomes After PCI: Current and Emerging Evidence with DES, BVS, and DEB**  
Philippe G n reux

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7:16 PM      **New Vessel Preparation Device with Unique MOA and New Data, Featuring: OAS ORBIT II 1-Year Data**  
Jeffrey Chambers

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7:38 PM      **Vessel Preparation Case Reviews**  
**Case Presenters:** Jeffrey W. Moses, Richard A. Shlofmitz

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#### Hot Topic Lunch: ACC Fellows Session 2: PCI

Accreditation: CME

Sunday, September 14

1:00 PM - 2:00 PM

Room: Level 2, Room 203B

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**1:00 PM - 2:00 PM      PCI Year-in-Review**

**Moderators:** Cindy L. Grines, Neal S. Kleiman

**Discussants:** George D. Dangas, D. Christopher Metzger, Brahmajee K. Nallamothu, Manesh R. Patel

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1:00 PM      **STEMI Transfer Timing Strategies: Have We Maximized the Benefits?**  
Brahmajee K. Nallamothu

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1:10 PM      **Preventive PCI and Deferred Stenting: In Which Patients Is This Ready for Prime Time?**  
George D. Dangas

1:20 PM	<b>Adjunct Pharmacotherapy for ACS and STEMI: 2014 Update</b> Neal S. Kleiman
1:30 PM	<b>Thrombectomy and Atherectomy: What's New in 2014?</b> D. Christopher Metzger
1:40 PM	<b>Most Recent PCI Guidelines and AUC Update: Hitting the Highlights</b> Manesh R. Patel
1:50 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>

### Hot Topic Lunch: Cath Lab Directors Lunch

Sunday, September 14  
1:00 PM - 2:00 PM  
Room: Level 1, Room 145A

<b>1:00 PM - 2:00 PM</b>	<b>Cath Lab Directors Lunch: Managing the Present, Preparing for the Future</b>  <b>Moderator:</b> Kishore J. Harjai <b>Discussants:</b> James C. Blankenship, Charles E. Chambers, Kirk N. Garratt, Sunil V. Rao
1:00 PM	<b>Position Statement: Radial Intervention Will Become the First Choice for All Coronary Interventions, Including STEMI and Cardiogenic Shock</b> Samir B. Pancholy
1:10 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>
1:15 PM	<b>Position Statement: Heparin Will Once Again Become the Anticoagulant of Choice for PCI in Stable and Unstable Coronary Syndromes</b> Michael S. Lee
1:25 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>
1:30 PM	<b>Position Statement: AUC Will Have to be Documented Prior to Every Cardiac Test and Outliers Managed: Cardiology in the Era of the Affordable Care Act</b> Kishore J. Harjai
1:40 PM	<b>Position Statement: TAVR Will Replace Surgical AVR in Low- and Intermediate-Risk Patients: Cath Labs Get Ready!</b> Susheel Kodali

### Hot Topic Lunch: PCI/CABG: Hybrid Approach

Accreditation: CME/CNE

Sunday, September 14  
1:00 PM - 2:00 PM  
Room: Level 1, Room 144C

<b>1:00 PM - 2:00 PM</b>	<b>Interventional and Surgical Heart Valve Procedures: Case Studies in Conflict and Consensus</b>  <b>Moderators:</b> Vinod H. Thourani, Mathew Williams <b>Discussants:</b> Saibal Kar, Alfredo Trento
1:00 PM	<b>Case Presentation: A Patient with Heart Failure and Functional (Secondary) Mitral Regurgitation</b> <b>Case Presenter:</b> Omar K. Khaliq
1:03 PM	<b>Prediscussion Vote: How Would the Audience Treat?</b> <b>Moderator:</b> Vinod H. Thourani
1:06 PM	<b>This Patient Should Have Surgical Mitral Valve Repair!</b> Steven F. Bolling
1:13 PM	<b>I Agree, Operate, but the Valve Should Be Replaced!</b> James S. Gammie
1:20 PM	<b>This Is the Sweet Spot for a MitraClip!</b>

Saibal Kar

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1:27 PM	<b>Patience, Soon Transcatheter Mitral Valve Replacement Will Be Here!</b> Vinayak Bapat
1:34 PM	<b>Where is the Data for Any of This? Manage This Patient Medically!</b> Patrick T. O'Gara
1:41 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>
1:53 PM	<b>Postdiscussion Vote: How Would the Audience Treat?</b> <b>Moderator:</b> Vinod H. Thourani
1:56 PM	<b>Case Presentation Conclusion: How and Why Did We Treat? What Were the Outcomes?</b> <b>Case Presenter:</b> Omar K. Khalique

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### Hot Topic Lunch: Radiation Course, Module 2

Accreditation: CME/CNE

Sunday, September 14  
1:00 PM - 2:30 PM  
Room: Level 1, Room 142

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<b>1:00 PM - 2:30 PM</b>	<b>Staff Radiation Protection</b>
1:00 PM	<b>Pretest</b> Stephen Balter
1:10 PM	<b>Staff Radiation Protection</b> Maxwell Amurao
1:55 PM	<b>Module 2 Exam</b> Stephen Balter
2:05 PM	<b>Discussion and Poster Viewing</b> Eugenio Silvestrini

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### Hot Topic Lunch: Taking Your Career to the Next Level

Accreditation: CME

Sunday, September 14  
1:00 PM - 2:00 PM  
Room: Level 1, Room 145B

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<b>1:00 PM - 2:00 PM</b>	<b>Taking Your Career to the Next Level: Achieving Local, Regional, and National Success</b>
	<b>Moderators:</b> Herbert D. Aronow, Srihari S. Naidu <b>Discussants:</b> Mauricio G. Cohen, Dmitry N. Feldman, Osvaldo S. Gigliotti, Jason Kovacic, Debabrata Mukherjee, John L. Petersen, Kenneth Rosenfield
1:00 PM	<b>Finding a Clinical Niche and Developing a "Go-to" Reputation</b> Dmitry N. Feldman
1:07 PM	<b>Becoming a Successful Researcher: How to Secure Funding and Ramp-up Your Publications</b> Jason Kovacic
1:14 PM	<b>Becoming a Clinical Trialist: Choosing a Question and Seeing it Through</b> John L. Petersen
1:21 PM	<b>Rising on the National Professional-Society Scene: Pearls and Pitfalls</b> Osvaldo S. Gigliotti
1:28 PM	<b>Considerations on Becoming a Cath Lab Director</b> Mauricio G. Cohen

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1:35 PM **When, Why, and How to Become a Chief or Chairman**  
Debabrata Mukherjee

1:42 PM **Hospital Administration: Is it For You?**  
Kenneth Rosenfield

1:49 PM **Roundtable Discussion with Audience Q&A**

## Hot Topic Lunch: Vulnerable Plaque

Accreditation: CME/CNE

Sunday, September 14

1:00 PM - 2:00 PM

Room: Level 1, Room 144B

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

### Vulnerable Plaque Detection and Treatment

**Moderators:** Valentin Fuster, Patrick W. Serruys

**Discussants:** Farouc Jaffer, Akiko Maehara, Jagat Narula, Gregg W. Stone, Peter H. Stone, Harvey D. White

1:00 PM **Natural History of Vulnerable Plaque: Targets for Risk Stratification**  
Peter H. Stone

1:08 PM **Noninvasive Imaging Modalities for Coronary VP Detection: CT, MR, and CIMT**  
Jagat Narula

1:16 PM **Advances in Molecular Imaging of High-Risk Plaque: PET and Beyond**  
Farouc Jaffer

1:24 PM **Invasive Imaging for Vulnerable Plaque: Comparing and Contrasting VH-IVUS, OCT, and NIRS**  
Akiko Maehara

1:32 PM **Systemic Therapies for the At-Risk Patient: From Darapladib to Anti-inflammatories and PCSK9 Inhibitors**  
Harvey D. White

1:40 PM **Focal Treatment of Vulnerable Plaque: Stents, Scaffolds, and Prospect ABSORB**  
Gregg W. Stone

1:48 PM **Roundtable Discussion with Audience Q&A**

## Learn the Technique: Bioresorbable Vascular Scaffolds

Accreditation: CME

Sunday, September 14

1:00 PM - 2:00 PM

Room: Level 1, Room 143C

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

### Bioresorbable Vascular Scaffolds

**Moderators:** Antonio Colombo, Nicolas M. van Mieghem

**Discussants:** Takeshi Kimura, Jan J. Piek, Robert-Jan van Geuns

1:00 PM **Why Optimal Lesion Preparation for BRS Is Critical and How to Achieve It**  
Dean J. Kereiakes

1:05 PM **Case #1: BRS Optimal Lesion Preparation**  
**Case Presenter:** Takeshi Kimura

1:10 PM **How to Size BRS (and Why This Is Different Than Metallic DES)**  
Tommaso Gori

1:15 PM **Case #2: BRS Sizing in Complex Disease**  
**Case Presenter:** Tommaso Gori

1:20 PM **Long Lesions: How to Implant Multiple Contiguous Scaffolds**  
Pieter C. Smits

1:25 PM	<b>Case #3: Implantation of Multiple Contiguous Scaffolds for Diffuse Disease</b> <b>Case Presenter:</b> Christoph K. Naber
1:30 PM	<b>BRS in Bifurcations: Basic Approach</b> Vladimir Dzavik
1:35 PM	<b>Case #4: BRS in a Complex Bifurcation</b> <b>Case Presenter:</b> Robert-Jan van Geuns
1:40 PM	<b>How to Achieve BRS Distal Delivery Through Tortuous Calcified Lesions</b> Giulio G. Stefanini
1:45 PM	<b>Case #5: BRS Distal Delivery Through Calcified Disease</b> <b>Case Presenter:</b> Nicolas M. van Mieghem
1:50 PM	<b>Imaging to Optimize the Final BRS Result</b> Antonio Colombo
1:55 PM	<b>Case #6: Imaging to Optimize the Final BRS Result</b> <b>Case Presenter:</b> Bernard R. Chevalier

### Learn the Technique: Left Main Intervention

Accreditation: CME

Sunday, September 14

1:00 PM - 2:00 PM

Room: Level 1, Room 143A

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

#### Left Main Intervention

**Moderators:** Jean Fajadet, Marie-Claude Morice, Seung-Jung Park, Corrado Tamburino

1:00 PM	<b>Case #1: Crossover Technique for Distal LM</b> <b>Case Presenter:</b> Seung-Jung Park
1:12 PM	<b>Case #2: My Preferred Technique When 2 Stents are Needed - T or TAP</b> <b>Case Presenter:</b> Jean Fajadet
1:24 PM	<b>Case #3: My Preferred Technique When 2 Stents are Needed - Culotte</b> <b>Case Presenter:</b> Corrado Tamburino
1:36 PM	<b>Case #4: My Preferred Technique When 2 Stents are Needed – DK Crush</b> <b>Case Presenter:</b> Shao Liang Chen
1:48 PM	<b>Case #5: Left Main PCI with Bioresorbable Scaffolds</b> <b>Case Presenter:</b> Marie-Claude Morice

### Learn the Technique: MitraClip Tips & Tricks

Accreditation: CME

Sunday, September 14

1:00 PM - 2:00 PM

Room: Level 1, Room 144A

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

#### MitraClip Tips and Tricks

**Moderator:** James B. Hermiller Jr

**Discussants:** Stephan Baldus, Olaf Franzen, Scott Lim, Ralph Stephan von Bardeleben

1:00 PM	<b>Top Ten Pearls for MitraClip Procedural Success</b> Stephan Baldus
1:10 PM	<b>Case Review: Focus on Optimal Transseptal Technique</b> <b>Case Presenter:</b> James B. Hermiller Jr



1:18 PM	<b>Case Review: A Challenging Case of Functional MR</b> <b>Case Presenter:</b> Olaf Franzen
1:28 PM	<b>Case Review: Two Challenging Degenerative MR Cases – One that Worked, One that Didn't</b> <b>Case Presenter:</b> Scott Lim
1:40 PM	<b>Case Review: Dodging a Bullet – A Near MitraClip Failure and Recovery</b> <b>Case Presenter:</b> Ralph Stephan von Bardeleben
1:50 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>

## Learn the Technique: The Retrograde Approach to CTOs

Accreditation: CME

Sunday, September 14

1:00 PM - 2:00 PM

Room: Level 1, Room 143B

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

### The Retrograde Approach to CTOs

**Moderator:** Masahiko Ochiai

**Discussants:** J. Aaron Grantham, Georgios Sianos

1:00 PM	<b>The Retrograde Approach: When to Consider and How to Achieve Successful Collateral-Channel Tracking</b> Masahiko Ochiai
1:15 PM	<b>Discussion with Audience Q&amp;A</b>
1:20 PM	<b>The Retrograde Approach: Edited Case #1</b> <b>Case Presenter:</b> William L. Lombardi
1:40 PM	<b>The Retrograde Approach: Edited Case #2</b> <b>Case Presenter:</b> Etsuo Tsuchikane

## Skeptic's Corner Part 2

Accreditation: CME

Sunday, September 14

1:00 PM - 2:00 PM

Room: Level 1, Room 103B

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

### Session I. Scepticon 4: The Utility of Vorapaxar in the Post-MI Patient

**Moderators:** Jessica L. Mega, Daniel I. Simon

**Discussants:** Theodore A. Bass, Larry S. Dean, William J. French, Kurt Huber, Jeffrey J. Popma

1:00 PM	<b>Pre-debate Vote: What Does the Audience Think?</b> <b>Moderator:</b> Jessica L. Mega
1:03 PM	<b>Vorapaxar is Safe and Effective and Has an Important Role to Play in Patients with CAD</b> Michelle O'Donoghue
1:11 PM	<b>In the Potent ADP Antagonist Era, Vorapaxar Will Have a Limited Role!</b> Franz-Josef Neumann
1:19 PM	<b>"In Your Face" Rebuttal Questions</b>
1:27 PM	<b>Post-debate Vote: Did We Change Any Minds?</b> <b>Moderator:</b> Jessica L. Mega

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

### Session II. Scepticon 5: The Great MOC Controversy of 2014

**Moderators:** Jessica L. Mega, Daniel I. Simon

**Discussants:** Theodore A. Bass, Larry S. Dean, William J. French, Kurt Huber, Jeffrey J. Popma

1:30 PM	<b>Pre-debate Vote: What Does the Audience Think?</b>
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**Moderator:** Daniel I. Simon

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- 1:33 PM     **MOC is Grounded in Learning/Education Theory and Improves Clinical Outcomes!**  
James E. Tcheng
- 
- 1:41 PM     **MOC is an Unproven Initiative and a Waste of Time and Money!**  
Paul S. Teirstein
- 
- 1:49 PM     **“In Your Face” Rebuttal Questions**
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- 1:57 PM     **Post-debate Vote: Did We Change Any Minds?**  
**Moderator:** Daniel I. Simon

### 23rd Annual Nurse and Technologist Symposium Part III

Accreditation: CNE

Sunday, September 14

8:00 AM - 4:00 PM

Room: Level 2, Room 204B/C

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#### 8:00 AM - 10:30 AM

#### Session I. Transcatheter Valve Therapies

**Moderators:** Sarah Clarke, Marian C. Hawkey

**Digital Moderator:** Thomas H. Maloney

**Discussants:** John D. Carroll, Ted E. Feldman, Glenna Friedman, Philippe Généreux, Nicholas Hanna, Susheel Kodali, Sandra Lauck, Elizabeth M Perpetua, Jeffrey J. Popma, Jason H. Rogers

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8:00 AM     **Introduction**  
Marian C. Hawkey

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8:05 AM     **Identifying and Evaluating the TAVR Patient: Role of the Heart Team**  
Elizabeth M Perpetua

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8:15 AM     **Patient Selection and Indications for TAVR**  
Sandra Lauck

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8:25 AM     **Roundtable Discussion with Audience Q&A**

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8:35 AM     **Revisiting Balloon Aortic Valvuloplasty in the TAVR Era**  
Nicholas Hanna

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8:45 AM     **Balloon-Expandable vs Self-Expandable TAVR: Similarities and Differences**  
Ted E. Feldman

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8:55 AM     **Coronary Artery Disease and TAVR: Who, When, and How to Revascularize?**  
Jeffrey J. Popma

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9:05 AM     **Next-Generation Valves for TAVR**  
Susheel Kodali

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9:20 AM     **Managing TAVR Complications**  
Philippe Généreux

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9:35 AM     **Mitral Valve Repair with MitraClip: Indications and the Heart Team Approach**  
Jason H. Rogers

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9:50 AM     **Roundtable Discussion with Audience Q&A**

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10:00 AM    **The TVT Registry: Objectives and Emerging Data**  
John D. Carroll

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10:10 AM    **Compliance and Accurate TAVR Reimbursement Through Documentation, Coding, and Physician Engagement**  
Glenna Friedman

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10:20 AM    **Roundtable Discussion with Audience Q&A**

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#### 10:30 AM - 12:20 PM

#### Session II. Coronary Intervention: Gray Areas

**Moderator:** Julie Logan

**Digital Moderator:** Marian C. Hawkey

**Discussants:** Kenneth A. Gorski, James B. Hermiller Jr, Ajay J. Kirtane, Michael J. Lim, Akiko Maehara, Manesh R. Patel, Ashish Pershad

10:30 AM	<b>Session Introduction</b> Julie Logan
10:33 AM	<b>Case #1 Introduction: Demographics and Initial Angiogram</b> <b>Case Presenter:</b> James B. Hermiller Jr
10:38 AM	<b>Case #1: Audience Polling</b>
10:41 AM	<b>Case #2 Introduction: Demographics and Initial Angiogram</b> <b>Case Presenter:</b> Ashish Pershad
10:46 AM	<b>Case #2: Audience Polling</b>
10:49 AM	<b>How Does the Data Guide Us? Case #1</b> Ajay J. Kirtane
10:54 AM	<b>How Does the Data Guide Us? Case #2</b> Steven P. Marso
10:59 AM	<b>Utilizing FFR to Determine Treatment in Complex Anatomy</b> Michael J. Lim
11:09 AM	<b>Imaging Guidance in Difficult Anatomy: IVUS, OCT, and NIR</b> Akiko Maehara
11:19 AM	<b>Nurse/Tech Perspective: What to Do When I Don't Agree with the Treatment Plan?</b> Kenneth A. Gorski
11:29 AM	<b>Cath Lab Director Perspective: Ensuring High Standards of Appropriate Care</b> Manesh R. Patel
11:39 AM	<b>Case #1: Audience Polling</b>
11:41 AM	<b>Case #1 Results: What Was Done and How the Decision Was Made</b> James B. Hermiller Jr
11:46 AM	<b>Case #2: Audience Polling</b>
11:49 AM	<b>Case #2 Results: What Was Done and How the Decision Was Made</b> <b>Case Presenter:</b> Ashish Pershad
11:54 AM	<b>Audience Polling</b>
11:56 AM	<b>Audience Polling</b>
11:59 AM	<b>Roundtable Discussion with Audience Q&amp;A</b>
12:10 PM	<b>Lunch Pick up</b>

<b>12:20 PM - 12:45 PM</b>	<b>Session III. Keynote Address</b>
	<b>Moderator:</b> Russell A. Brandwein <b>Digital Moderator:</b> Hilary Nierenberg
12:20 PM	<b>The Year in Review and What's Ahead</b> Juan F. Granada

<b>12:50 PM - 1:00 PM</b>	<b>Break</b>
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<b>1:00 PM - 1:45 PM</b>	<b>Session IV. Next-Generation Interventional Therapies</b>
	<b>Moderator:</b> Martina Kelly Speight <b>Digital Moderator:</b> Sarah Clarke <b>Discussants:</b> Jacqueline Gamberdella, Ajay J. Kirtane, Chad Kliger, Warren Sherman
1:00 PM	<b>Novel Percutaneous Approaches for the Treatment of Paravalvular Leaks</b> Chad Kliger
1:10 PM	<b>Renal Denervation: Boom or Bust?</b> Ajay J. Kirtane
1:20 PM	<b>Cardiovascular Regeneration and Repair: What's on the Horizon?</b> Warren Sherman
1:30 PM	<b>New Devices for the Treatment of Peripheral Arterial Disease</b>

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1:40 PM      **Roundtable Discussion with Audience Q&A**

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**1:45 PM - 2:30 PM**

**Session V. Leadership Considerations in the Cath Lab**

**Moderator:** Michael Guiry  
**Digital Moderator:** Regina Deible  
**Discussants:** Leo Nelson Hopkins, Christopher M. Nelson

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1:45 PM      **Current Trends and Operational Strategies**  
Michael Guiry

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1:55 PM      **Prepare Your Team: Transforming Education and Learning**  
Christopher M. Nelson

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2:10 PM      **Cath Lab 2020: Capital Needs for the Future**  
Leo Nelson Hopkins

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2:25 PM      **Roundtable Discussion with Audience Q&A**

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**2:30 PM - 3:15 PM**

**Session VI. Congestive Heart Failure**

**Moderator:** Russell A. Brandwein  
**Digital Moderator:** Michael Guiry  
**Discussants:** Nancy Elmann, Michele Gilbert, Kenneth A. Gorski

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2:30 PM      **Understanding the Hemodynamics of Heart Failure**  
Kenneth A. Gorski

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2:40 PM      **Hemodynamic Support: What's Available to Us and When Should We Use It?**  
Russell A. Brandwein

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2:50 PM      **Advances in Device Therapies for Managing Heart Failure**  
Nancy Elmann

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3:00 PM      **Optimizing Heart Failure Treatments to Reduce Readmissions**  
Michele Gilbert

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3:10 PM      **Roundtable Discussion with Audience Q&A**

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**3:15 PM - 4:00 PM**

**Session VII. Atrial Fibrillation**

**Moderator:** Hilary Nierenberg  
**Digital Moderator:** Julie Logan  
**Discussants:** Taya V. Glotzer, Asma Hussaini, Saibal Kar

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3:15 PM      **The Electrophysiologist's Approach to Managing Atrial Fibrillation**  
Taya V. Glotzer

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3:27 PM      **Atrial Fibrillation: Stratifying Stroke Risk and Determining Anticoagulant Therapy**  
Asma Hussaini

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3:39 PM      **Can LAA Closure Become the New Standard for Stroke Prevention?**  
Saibal Kar

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3:51 PM      **Roundtable Discussion with Audience Q&A**

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**iASSESS Day II, Sunday, Sept. 14**

Accreditation: CME

Sunday, September 14  
8:00 AM - 6:00 PM  
Room: Level 1, Room 146B/C

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**8:00 AM - 12:00 PM**

**iASSESS Day II - Morning Session**

**Moderators:** Tayo A. Addo, George D. Dangas

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8:00 AM      **Aspirin and ADP Antagonists Before and After Coronary Stent Implantation**

**Moderator:** Paul A. Gurbel  
Dmitriy N. Feldman

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9:00 AM     **Valvular Heart Disease: Treatment of Mitral Stenosis and Mitral Regurgitation**  
**Moderator:** Michael J. Lim  
Hemal Gada

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10:00 AM     **Valvular Heart Disease: Aortic Valvuloplasty and TAVR**  
**Moderator:** Zoltan G. Turi  
Jason Kovacic

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11:00 AM     **FFR, CFR, and PCI**  
**Moderator:** Verghese Mathew  
Farouc Jaffer

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**12:00 PM - 6:00 PM**

**iASSESS Day II - Afternoon Session**

**Moderators:** Srihari S. Naidu, Manish A. Parikh

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12:00 PM     **Intravascular Imaging: IVUS, OCT, and NIRS**  
**Moderator:** John McB. Hodgson  
Stephen P. Hoole

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1:00 PM     **Cardiogenic Shock and Hemodynamic Support**  
**Moderator:** Manish A. Parikh  
Sahil A. Parikh

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2:00 PM     **Structural Intervention: LAA Closure, HOCM, and Paravalvular Leak**  
**Moderator:** Srihari S. Naidu  
George S. Hanzel

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3:00 PM     **Endovascular Interventions: Lower Extremity, Aorta, Renal, and Carotid Disease**  
**Moderator:** Thomas T. Tsai  
Satya Reddy Atmakuri

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4:00 PM     **Congenital Heart Disease: PFO, ASD, VSD, and PDA**  
**Moderator:** Harsimran Sachdeva Singh  
John P. Breinholt

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5:00 PM     **Complications of Coronary, Peripheral, and Structural Interventions**  
**Moderator:** Morton J. Kern  
Mauricio G. Cohen

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**Breakfast Meeting: A Growing Need for Complex High-Risk Interventional Procedures – A Call to Action (Sponsored by Cardiovascular Research Foundation)(Supported by ABIOMED, Inc.)**

Accreditation: CME

Sunday, September 14

6:30 AM - 8:00 AM

Room: Level 1, Room 143A

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**7:00 AM - 8:00 AM**

**A Growing Need for Complex High-Risk Interventional Procedures - A Call to Action**

**Chair:** John M. Lasala

**Discussants:** Ajay J. Kirtane, Jeffrey W. Moses, Jeffrey J. Popma

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7:00 AM     **The Growing Need for Complex High-Risk Interventional Procedures**  
John M. Lasala

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7:05 AM     **Current Trends in PCI Procedures Performed in the United States, and Why it Makes Sense to Treat High-Risk Patients**  
Ajay J. Kirtane

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7:15 AM     **Paradigms on Complete Revascularization: “Get in and Get Out” vs “Get the Job Done”**  
Jeffrey W. Moses

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7:25 AM     **Case Selection Insights and the Role of Hemodynamic Support for Complex Coronary Intervention**  
Jeffrey J. Popma

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7:50 AM     **Discussion & Summary**

**Breakfast Meeting: Integrating Physiology and Imaging Into the Cath Lab: What Technology Should I Use, and How and When Should I Use It? (Sponsored by Cardiovascular Research Foundation) (Supported by ACIST Medical Systems, Inc., Boston Scientific Corporation, InfraRedx, Inc., and St. Jude Medical, Inc.)**

Accreditation: CME

Sunday, September 14

6:30 AM - 8:00 AM

Room: Level 1, Room 143B

**7:00 AM - 8:00 AM**

**Integrating Physiology and Imaging Into the Cath Lab**

**Chairs:** John McB. Hodgson, Gary S. Mintz

**Discussants:** Emmanouil S. Brilakis, Allen Jeremias, Soo-Jin Kang, Bon-Kwon Koo, Akiko Maehara

7:00 AM

**How Do I Assess an Intermediate Lesion?**

Allen Jeremias

7:10 AM

**How Do I Assess Causes of Stent Thrombosis and In-Stent Restenosis?**

Soo-Jin Kang

7:20 AM

**How Do I Predict (and Hopefully Avoid) Distal Embolization When Implanting a Stent?**

Emmanouil S. Brilakis

7:30 AM

**How Do I Optimize Stent Implantation?**

John McB. Hodgson

7:40 AM

**How and When Do I Assess a Jailed Side Branch After Provisional Stenting?**

Bon-Kwon Koo

7:50 AM

**How Do I Identify a Culprit Lesion or a Vulnerable Plaque?**

Akiko Maehara

**Breakfast Meeting: Managing Atrial Fibrillation and Chronic Anticoagulant Therapy in Patients Undergoing PCI: An Expert Consensus (Sponsored by Cardiovascular Research Foundation) (Supported by Boston Scientific Corporation, and Daiichi Sankyo, Inc.)**

Accreditation: CME

Sunday, September 14

6:30 AM - 8:00 AM

Room: Level 1, Room 144C

**7:00 AM - 8:00 AM**

**Managing Atrial Fibrillation and Chronic Anticoagulant Therapy in Patients Undergoing PCI: An Expert Consensus**

**Chairs:** Roxana Mehran, Brian K. Whisenant

**Discussants:** Deepak L. Bhatt, C. Michael Gibson, William A. Gray, Michelle O'Donoghue

7:00 AM

**Welcome and Introduction**

Roxana Mehran

7:03 AM

**The Fine Balance of Stroke Prevention and Bleeding for Patients with A-fib Undergoing PCI: How Do Interventional Cardiologists Choose?**

Roxana Mehran

7:11 AM

**Role of Novel Anticoagulants in Patients with A-fib Undergoing PCI: Is There Consensus?**

Michelle O'Donoghue

7:25 AM

**Optimizing the Anticoagulation Regimen in PCI Patients with Chronic A-fib: The PIONEER A-fib Study – Rationale and Design**

C. Michael Gibson

7:32 AM

**Optimizing the Anticoagulation Regimen in PCI Patients with Chronic A-fib: The RE-DUAL Study – Rationale and Design**

Deepak L. Bhatt

7:40 AM

**Interventional Approaches to Stroke Prevention in Patients with A-fib: Who?**

William A. Gray

**Breakfast Meeting: New Paradigms for Coronary and Peripheral Interventions (Sponsored by TriReme Medical)**

Sunday, September 14  
6:30 AM - 8:00 AM  
Room: Level 1, Room 144B

**7:00 AM - 8:00 AM****New Paradigms for Coronary and Peripheral Interventions****Chair:** Martin B. Leon**Discussants:** Jihad A. Mustapha, David G. Rizik, Bruno Scheller, Mehdi H. Shishehbor

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|---------|--|
| 7:00 AM | <b>Introduction: Beyond Balloons and Stents</b><br>Martin B. Leon  |
| 7:10 AM | <b>CHOCOLATE BAR: Clinical Update</b><br>Jihad A. Mustapha   |
| 7:20 AM | <b>Chocolate PTA - CHOCOLATE BAR BTK implications, Case Review, and Drug-Coated Chocolate</b><br>Mehdi H. Shishehbor       |
| 7:30 AM | <b>Chocolate PTCA - A New Treatment Paradigm and Case Review</b><br>Bruno Scheller   |
| 7:40 AM | <b>Glider - Clinical Relevance of a Unique Balloon Catheter Design, Glider Registry, and Case Review</b><br>David G. Rizik |
| 7:50 AM | <b>Conclusions and Q&amp;A</b><br>Martin B. Leon   |

**Breakfast Meeting: PCI Complications: The Best of the Worst (Sponsored by Cardiovascular Research Foundation) (Supported by Medtronic, Inc.)**

Accreditation: CME

Sunday, September 14  
6:30 AM - 8:00 AM  
Room: Level 1, Room 144A

**7:00 AM - 8:00 AM****PCI Complications: The Best of the Worst****Chairs:** Antonio Colombo, Manish A. Parikh**Discussants:** Nirat Beohar, David A. Cox, Dimitri Karpaliotis, Daniel I. Simon

- |         |   |
|---------|---|
| 7:00 AM | <b>The Coronary Perforation Nightmare</b><br>Dimitri Karpaliotis      |
| 7:10 AM | <b>Discussion</b>   |
| 7:15 AM | <b>The Coronary that "Spiraled out of Control"</b><br>Daniel I. Simon |
| 7:25 AM | <b>Discussion</b>   |
| 7:30 AM | <b>The "Slam Dunk" STEMI –No Reflow and Beyond</b><br>David A. Cox    |
| 7:40 AM | <b>Discussion</b>   |
| 7:45 AM | <b>My Worst Vascular Complication of the Year</b><br>Nirat Beohar     |
| 7:55 AM | <b>Discussion</b>   |

**Breakfast Meeting: The Experts Face Off: A Data-Driven Debate on Whether to Cut, Cover, Stent, Spin, Laser, or Elute in the SFA (Sponsored by Abbott)**

Sunday, September 14  
6:30 AM - 8:00 AM  
Room: Level 1, Room 143C

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**7:00 AM - 8:00 AM**      **A Data-Driven Debate on Whether to Cut, Cover, Stent, Spin, Laser, or Elute in the SFA**

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**Chair:** John R. Laird Jr  
**Discussants:** Prakash Krishnan, D. Christopher Metzger, Craig M. Walker

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**Visual Interactive Technology Center: Hands on Hearts**

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Sunday, September 14  
8:00 AM - 12:30 PM  
Room: Lower Level, Visual Interactive Technology Center

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**8:00 AM - 12:30 PM**      **Hands on Hearts**

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**Discussants:** Tobias Koppa, Robert Kutys, Elena Ladich, Michelle Olson, Oscar David Sanchez, Kazuyuki Yahagi

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**Visual Interactive Technology Center: Technology Demonstration Session and Interactive BioSkills Program: LAA/Mitral Repair Technologies**

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Sunday, September 14  
9:00 AM - 1:45 PM  
Room: Lower Level, BioSkills Theater

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**9:00 AM - 10:30 AM**      **LAA/Mitral Valve Intervention - The Interventional Toolbox: Hands-on Technology Demonstration**

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**10:30 AM - 1:45 PM**      **VITC: LAA/Mitral Repair Technologies**

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**Moderator:** Juan F. Granada  
Notice: Undefined index: \_empty\_ in /home/admincrf/www/admin.crf.org/components/com\_meetings/helpers/agenda.php on line 184 Mark Reisman  
**Technical Faculty:** Steven L. Goldberg, Rebecca T. Hahn, Howard C. Herrmann, Samir R. Kapadia, Jacqueline Saw, Brian K. Whisenant

10:30 AM -  
11:35 AM

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**Correlative Patho-Anatomy: Interactive Media Demonstrations**

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10:30 AM      **Anatomical Landmarks and Considerations for Transseptal Crossing**  
Mark Reisman

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10:45 AM      **Moderated Discussion with Audience Q&A**

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11:05 AM      **Patho-Anatomy of the Left Atrium and Mitral Valve Apparatus: Implications for Interventional Therapies**  
Mark Reisman

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11:20 AM      **Moderated Discussion with Audience Q&A**

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11:35 AM -  
12:15 PM

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**Interventional Imaging of the Interatrial Septum and Left Cardiac Chamber: In Vivo Anatomical Correlation and Considerations for Device Implantation**

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11:35 AM      **Evolution of CT Assessment: LAA/Mitral Intervention**  
Philipp Blanke

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11:45 AM      **Evolution of Echo Assessment: LAA/Mitral Intervention**  
Rebecca T. Hahn

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12:00 PM      **Moderated Discussion with Audience Q&A**

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12:15 PM -  
12:45 PM

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**Anatomy-Device Interaction: Interactive Media Demonstration**

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12:15 PM      **The Transseptal Technique: A Step-Wise Interactive Demonstration**  
William A. Gray

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12:30 PM      **Moderated Discussion with Audience Q&A**

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12:45 PM -  
1:45 PM

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**Impact of Device Design on Technical Success**

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12:45 PM      **Opportunities for and Challenges of Current and Future Mitral Valve Technologies**

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Mark Reisman

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1:05 PM	<b>Moderated Discussion with Audience Q&amp;A</b>
1:15 PM	<b>Opportunities for and Challenges of Current and Future LAA Occlusion Technologies</b> Mark Reisman
1:35 PM	<b>Moderated Discussion with Audience Q&amp;A</b>
1:45 PM	<b>Adjourn</b>

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## Featured Research II: CCI

Sunday, September 14  
12:15 PM - 1:45 PM  
Room: Level 1, Room 103A

### 12:15 PM - 1:45 PM

#### Featured Clinical Research II

**Moderator:** Steven R. Bailey

**Discussants:** Jorge A. Belardi, Joseph P. Carrozza Jr, Michael J. Cowley, Rajesh M. Dave, Dietmar H. Glogar, Dennis T. Ko, Mark A. de Belder

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12:15 PM	<b>Women in Interventional Cardiology: Update in PCI Practice Patterns and Outcomes From the National Cardiovascular Data Registry</b> Cindy L. Grines
12:25 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>
12:30 PM	<b>Relationship Between Infarct Size and Subsequent Mortality Following Primary PCI for STEMI: A Pooled Patient Level Analysis From 10 Trials</b> Gregg W. Stone
12:40 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>
12:45 PM	<b>RADIATION PROTECT: A Prospective, Randomized Trial of a Novel Pelvic Lead Shield and a Novel, Non-Lead Surgical Cap to Reduce Operator Radiation Exposure During Coronary Angiography</b> Ashraf Alazzoni
12:55 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>
1:00 PM	<b>SMILE: A Prospective, Randomized Trial of Single-Staged Versus Multistaged Coronary Intervention in Patients with Non-ST-Segment Elevation Myocardial Infarction and Multivessel Disease</b> Gennaro Sardella
1:10 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>
1:15 PM	<b>Postprocedural/Prehemostasis Intraarterial Nitroglycerin: A Prospective, Randomized Trial Evaluating Intrasheath Nitroglycerin to Improve Arterial Patency After Transradial Catheterization</b> Surya Dharma
1:25 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>
1:30 PM	<b>Effectiveness of Arterial Closure Devices for Preventing Bleeding Complications After Transfemoral Percutaneous Coronary Intervention: A Controlled Instrumental Variable Analysis From The National Cardiovascular Data Registry</b> Neil J Wimmer
1:40 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>

## Presentation Theater: CTO and Complex Coronary Disease: Transforming Patient Outcomes with Novel Techniques and Treatment Options (Sponsored by Abbott)

Sunday, September 14  
11:30 AM - 12:30 PM  
Room: Level 2, Exhibit Hall, Presentation Theater 3

### 11:30 AM - 12:30 PM

#### CTO and Complex Coronary Disease

**Chair:** Jeffrey W. Moses

**Discussants:** William L. Lombardi, William Nicholson, James C. Spratt

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11:30 AM	<b>Current Limitations of (CTO) PCI</b>
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James C. Spratt

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11:45 AM	<b>CTOs: The Evolving Use of the Hybrid Algorithm</b> William L. Lombardi
12:00 PM	<b>CTO PCI: How Should Your Program Look?</b> William Nicholson
12:15 PM	<b>Complex PCI: Emerging Techniques and Therapies to Address the Increasingly Complex Coronary PCI Space</b> <b>Moderator:</b> Jeffrey W. Moses

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**Presentation Theater: BioFreedom: 1-Month DAA Patient-Centric Approach to Coronary Stenting (Sponsored by Biosensors)**

Sunday, September 14

1:00 PM - 2:00 PM

Room: Level 2, Exhibit Hall, Presentation Theater 4

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

**BioFreedom: 1-Month DAPT**

**Chairs:** Philip M. Urban, Ron Waksman  
**Discussants:** Tim Kinnaird, Stephen Lee

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1:00 PM	<b>Welcome and Introduction</b>
1:03 PM	<b>BioFreedom from Concept to the Real World: High Risk of Bleeding and DAPT - Insights from the Ongoing LEADERS Free Trial</b> Philip M. Urban
1:18 PM	<b>My Dilemma in Daily Practice – What to Do Until I Have the Evidence, and What Choices Do I Have?</b> Tim Kinnaird
1:30 PM	<b>Can We Use OCT to Drive DAPT Duration, and Is it a Tool for Every Day Practice?</b> Stephen Lee
1:42 PM	<b>Discussion</b>
1:54 PM	<b>Next Steps and Closing Remarks</b> Ron Waksman

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**Presentation Theater: Same-Day Discharge for PCI: Considerations for Today's Challenging Landscape (Sponsored by The Medicines Company)**

Sunday, September 14

1:00 PM - 2:00 PM

Room: Lower Level, Presentation Theater 2

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

**Same-Day Discharge for PCI**

**Chair:** David E. Kandzari  
**Discussants:** Ian C. Gilchrist, Ehtisham Mahmud

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1:00 PM	<b>Introduction: Chair Introduces Panelists and Years of Same-Day Discharge Experience for Their Programs</b> David E. Kandzari
1:05 PM	<b>What Is Same-Day Discharge? Why Now?</b> David E. Kandzari
1:15 PM	<b>What Safety Considerations are Important?</b> Ian C. Gilchrist
1:25 PM	<b>What are the Economic Drivers of Same-Day Discharge?</b> Ehtisham Mahmud
1:35 PM	<b>Q&amp;A</b>

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**Presentation Theater: Transradial Angiography: Complex Patient and Procedural Sets and Advanced Techniques (Sponsored by Merit Medical Systems, Inc.)**

Sunday, September 14

1:00 PM - 2:00 PM

Room: Lower Level, Presentation Theater 1

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

**Complex Patient and Procedural Sets and Advanced Techniques**

**Chair:** Sandeep Nathan

- 
- 1:00 PM      **Radial Access: Navigation of the Arm and Common Challenges**  
Sandeep Nathan
- 
- 1:10 PM      **Catheter Selection, Manipulation, and Seating**  
Sandeep Nathan
- 
- 1:15 PM      **Radial Case Presentation**  
Sandeep Nathan
- 
- 1:25 PM      **Difficult Anatomic Substrates: Challenges and Solutions**  
Sandeep Nathan
- 
- 1:35 PM      **Unusual Complications During Transradial PCI**  
Sandeep Nathan
- 
- 1:40 PM      **Radial Approach for Complex PCI: Catheter Size, Curves, and Engagement Strategies**  
Sandeep Nathan
- 
- 1:45 PM      **Recognizing and Managing Radial Complications**  
Sandeep Nathan
- 
- 1:50 PM      **Complex Radial Case Studies**  
Sandeep Nathan

**Edited Taped Cases II**

Sunday, September 14

2:30 PM - 3:50 PM

Room: Lower Level, Presentation Theater 1

**2:30 PM - 3:50 PM**

**Edited Taped Cases**

**Moderators:** Steven R. Bailey, Peter C. Block

**Discussants:** Jose A. Condado, Hans R. Figulla

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- 2:30 PM      **TAVI with Edwards Sapien 3 Aortic Valve in a Patient with a Mechanical Mitral Prosthesis**  
**Case Presenter:** Caterina Gandolfo
- 
- 2:50 PM      **TAVI with Edwards Sapien 3 Aortic Valve and Closure of the Left Atrial Appendage Under Cerebral Protection Device**  
**Case Presenter:** Caterina Gandolfo
- 
- 3:10 PM      **Clinical Use of a Newly Designed TAVI System for a Patient with Aortic Regurgitation**  
Lai Wei
- 
- 3:30 PM      **Clinical Application Using Live 3D Transesophageal Echocardiography to Guide TAVR Procedures Using Minimal or No Fluoroscopy**  
**Case Presenter:** George Gellert

**Edited Taped Cases III**

Sunday, September 14

2:30 PM - 3:10 PM

Room: Lower Level, Presentation Theater 2

2:30 PM - 3:10 PM

**Edited Taped Cases**

**Moderators:** Frank F. Ing, Carlos E. Ruiz  
**Discussants:** Elchanan Bruckheimer, Harsimran Sachdeva Singh

2:30 PM      **Percutaneous Closure of Perimembranous Ventricular Septal Defect (VSD) Using Amplatzer Duct Occluder II: A Novel Approach**  
**Case Presenter:** Makram R. Ebeid

2:50 PM      **Novel Paravalvular Leak Device (PLD) in High-Risk Mitral Paravalvular Regurgitation**  
**Case Presenter:** Iqbal Malik

## Monday, September 15, 2014

### Main Arena III, Monday, Sept. 15

Accreditation: CME/CNE

Monday, September 15  
8:00 AM - 2:16 PM  
Room: Level 3, Ballroom

**8:00 AM - 9:30 AM**

**Plenary Session XV: Live Cases V**

**Live Case Moderator:** Martin B. Leon  
**Live Case Co-Moderator:** E. Murat Tuzcu  
**Digital Moderator:** Samir R. Kapadia  
**Live Case Discussants:** Pierfrancesco Agostoni, Vinayak Bapat, Ronald K. Binder, Pavel Cervinka, Paul T.L. Chiam, Mauricio G. Cohen, G. Michael Deeb, Georges Ghanem, Ramon Quesada, S. Chiu Wong  
**Digital Panelists:** Robert J. Applegate, Peter C. Block

8:00 AM      **Heart Center Bonn, University Hospital, Bonn, Germany**

8:45 AM      **NewYork-Presbyterian Hospital/Columbia University Medical Center, New York, NY**

**9:30 AM - 10:00 AM**

**Plenary Session XVI: Dynamic Dialogues II: Myths and Controversies - Adjunctive Pharmacology**

**Moderators:** Elazer R. Edelman, Martin B. Leon, Gregg W. Stone  
**Digital Moderator:** Daniel I. Simon  
Robert A. Harrington, E. Magnus Ohman, Harvey D. White

9:30 AM      **Dynamic Dialogues II: Adjunctive Pharmacology**  
Robert A. Harrington, E. Magnus Ohman, Harvey D. White

**10:00 AM - 10:55 AM**

**Plenary Session XVII: A STEMI Retrospective and the Rise of Complex PCI**

**Moderators:** E. Magnus Ohman, Gregg W. Stone  
**Digital Moderator:** Stefan K. James  
**Discussants:** Bernard De Bruyne, Christopher B. Granger, Cindy L. Grines, Jose P.S. Henriques, Alice K. Jacobs, Frederick Kushner, David J. Maron, Brahmajee K. Nallamothu, Manesh R. Patel  
**Digital Panelists:** Steven R. Bailey, Giuseppe De Luca, Peter L. Duffy

10:00 AM - 10:40 AM      **Keynote Lectures - Remembering the Early Days of...**

10:00 AM      **I. Remembering the Early Days of Reperfusion Therapy**  
**Keynote Speaker:** Peter K. Rentrop

10:10 AM      **II. Remembering the Early Days of Primary Angioplasty**  
**Keynote Speaker:** William W. O'Neill

10:20 AM      **III. Remembering the Early Days of Door-to-Needle and Door-to-Balloon Times**  
**Keynote Speaker:** Harlan Krumholz

10:30 AM      **Discussion**

10:40 AM      **A Compelling and Controversial Case for Complex PCI in the Modern Era**  
Ajay J. Kirtane

10:50 AM Roundtable Discussion

10:55 AM - 11:10 AM

**Plenary Session XVIII**

10:55 AM **TCT 2014 Thomas J. Linnemeier Spirit of Interventional Cardiology Young Investigator Award**  
**Discussants:** Marco Barbanti, Joost Daemen, James M. McCabe  
**Award Presenter:** Gregg W. Stone

11:10 AM - 12:06 PM

**Plenary Session XIX: Late-Breaking Clinical Trials #3**

**Moderator:** Roxana Mehran  
**Digital Moderator:** Harvey D. White  
**Discussants:** Fausto Feres, Christopher B. Granger, A. Michael Lincoff, Michelle O'Donoghue, Dirk Sibbing, Rod H. Stables, Philippe Gabriel Steg, Gregg W. Stone, Marco Valgimigli, Freek W.A. Verheugt  
**Digital Panelists:** Dominick J. Angiolillo, Dietmar Trenk

11:10 AM **BRIGHT: A Prospective, Randomized Trial of Bivalirudin Monotherapy Versus Heparin Monotherapy Versus Heparin Plus Tirofiban in Patients with Acute Myocardial Infarction Undergoing Coronary Intervention**  
Yaling Han

11:22 AM **LBCT #1 - Discussion**

11:30 AM **ISAR-TRIPLE: A Prospective, Randomized Trial of Six Weeks Versus Six Months of Clopidogrel in Patients Treated with Concomitant Aspirin and Oral Anticoagulant Therapy Following Coronary Drug-Eluting Stent Implantation**  
Nikolaus Sarafoff

11:40 AM **LBCT #2 - Discussion**

11:48 AM **SECURITY: A Prospective, Randomized Trial of Six Months Versus 12 Months of Dual Antiplatelet Therapy Following Coronary Drug-Eluting Stent Implantation**  
Antonio Colombo

11:58 AM **LBCT #3 - Discussion**

12:06 PM - 12:36 PM

**Plenary Session XX: First Reports #3**

**Moderator:** Stefan K. James  
**Digital Moderator:** Cindy L. Grines  
**Discussants:** Eric R. Bates, Simon R. Dixon, David Erlinge, William J. French, Timothy D. Henry, E. Magnus Ohman, Matthew T. Roe, Gennaro Sardella, Daniel I. Simon  
**Digital Panelists:** Tayo A. Addo, Dimitrios Alexopoulos, Michael Mooney

12:06 PM **TRANSLATE-ACS: A Large-Scale Registry Comparing Patterns of Use and One-Year Outcomes with Prasugrel Versus Clopidogrel in Patients with Acute Myocardial Infarction Undergoing Percutaneous Coronary Intervention**  
Tracy Y. Wang

12:16 PM **First Report #1 - Discussion**

12:21 PM **VELOCITY: A Prospective, Randomized Trial of Peritoneal Hypothermia in Patients with Acute ST-Segment Elevation Myocardial Infarction Undergoing Percutaneous Coronary Intervention**  
Gregg W. Stone

12:31 PM **First Report #2 - Discussion**

12:36 PM - 12:46 PM

**TCT 2014 Innovation Award**

**Moderator:** Juan F. Granada

12:36 PM **TCT Innovation Award Presentation**

12:46 PM - 2:16 PM

**Plenary Session XXI: Live Cases VI**

**Live Case Moderator:** Gregg W. Stone  
**Live Case Co-Moderator:** Charanjit Rihal  
**Digital Moderator:** Scott Lim  
**Live Case Discussants:** David L. Brown, Simon R. Dixon, Jean Fajadet, Olaf Franzen, A. Pieter Kappetein, Reginald I. Low, Jason H. Rogers, Pieter R. Stella, Martyn R. Thomas, Olaf Wendler  
**Digital Panelists:** Ganesh Manoharan, Expedito E. Ribeiro, Steven J. Yakubov

12:46 PM **Heart Center Bonn, University Hospital, Bonn, Germany**

1:31 PM **University of Washington Medical Center, Seattle, WA**

## Coronary Theater III, Monday, Sept. 15

Accreditation: CME/CNE

Monday, September 15

8:00 AM - 12:00 PM

Room: Lower Level, Coronary Theater

### 8:00 AM - 10:00 AM

#### Session 1: Live Cases - CTO

**Live Case Moderator:** Masahiko Ochiai

**Live Case Co-Moderator:** R. Michael Wyman

**Digital Moderator:** Stéphane Rinfret

**Live Case Discussants:** Omer Goktekin, Stefan Harb, Stephen P. Hoole, Vincent On-Hing Kwok, Sudhir Rathore, Georgios Sianos, Maarten J. Suttorp, Minh Vo

**Digital Panelists:** Evald H. Christiansen, Haim Danenberg, Paul Hsien-Li Kao

8:00 AM

**NewYork-Presbyterian Hospital/Columbia University Medical Center, New York, NY**

9:00 AM

**University of Washington Medical Center, Seattle, WA**

### 10:00 AM - 12:00 PM

#### Session 2: Live Cases - CTO

**Live Case Moderator:** J. Aaron Grantham

**Live Case Co-Moderator:** Gerald S. Werner

**Digital Moderator:** Jonathan M. Hill

**Live Case Discussants:** Junbo Ge, Richard R. Heuser, Paul Hsien-Li Kao, Jacques J. Koolen, Niall T. Mulvihill, Sunao Nakamura, Bradley H. Strauss, Etsuo Tsuchikane

**Digital Panelists:** Teguh Santoso, Barry F. Uretsky, Simon Walsh

10:00 AM

**NewYork-Presbyterian Hospital/Columbia University Medical Center, New York, NY**

11:00 AM

**University of Washington Medical Center, Seattle, WA**

## Structural Theater II, Monday, Sept. 15

Accreditation: CME/CNE

Monday, September 15

8:00 AM - 11:00 AM

Room: Lower Level, Structural/Endovascular Theater

### 8:00 AM - 10:00 AM

#### Session 1: Live Cases - TAVR/Mitral

**Live Case Moderator:** James B. Hermiller Jr

**Live Case Co-Moderator:** Charles J. Davidson

**Digital Moderator:** Adam Witkowski

**Live Case Discussants:** Stephan Baldus, Shmuel Banai, Marco Barbanti, Raoul Bonan, Adriano Caixeta, Mark Goldberger, Goran K. Olivecrona, Ralph Stephan von Bardeleben

**Digital Panelists:** Peter Boekstegers, Hans R. Figulla, Hemal Gada

8:00 AM

**University of Leipzig Herzzentrum, Leipzig, Germany**

9:00 AM

**Heart Center Bonn, University Hospital, Bonn, Germany**

### 10:00 AM - 11:00 AM

#### Session 2: Live Cases - Left Atrial Appendage Closure

**Live Case Moderator:** Saibal Kar

**Live Case Co-Moderator:** Ted E. Feldman

**Digital Moderator:** Krzysztof Bartus

**Live Case Discussants:** Sameer Gafoor, Adam B. Greenbaum, Mayra Guerrero, DJ Lakkireddy, Randall J. Lee

**Digital Panelists:** David P. Foley, Fabian Nietlispach, Bushra S Rana

10:00 AM

**University of Leipzig Herzzentrum, Leipzig, Germany – Left Atrial Appendage Closure**

## Endovascular Theater II, Monday, Sept. 15

Accreditation: CME/CNE

Monday, September 15

11:00 AM - 12:00 PM

Room: Lower Level, Structural/Endovascular Theater

**11:00 AM - 12:00 PM**

**Session 1: Live Cases - Carotid Intervention**

**Live Case Moderator:** Thomas Zeller

**Live Case Co-Moderator:** Lawrence A. Garcia

**Digital Moderator:** J. Michael Bacharach

**Live Case Discussants:** Alex Abou-Chebl, William Bachinsky, Robert M. Bersin, Rajesh M. Dave, Michael J. Davidson, Thomas A. Ischinger, Eduard Margetic, Juan C. Parodi

**Digital Panelists:** Christopher J. Kwolek, Hugo F. Londero, Michael H. Wholey

11:00 AM

**NewYork-Presbyterian Hospital/Columbia University Medical Center, New York, NY – Carotid Intervention**

**Didactic Symposia: Cell Therapy and CV Repair**

Accreditation: CME/CNE

Monday, September 15

2:00 PM - 6:00 PM

Room: Level 2, Room 209A/B

**2:00 PM - 2:51 PM**

**Discovery Session I. Bioadvances**

**Moderators:** Henricus J. Duckers, Stephen E. Epstein

**Digital Moderator:** Marc S. Penn

**Discussants:** Jonathan Leor, Jan J. Piek

**Digital Panelist:** Maddury Jyotsna

**Digital Panelist:** Roger J. Laham

2:00 PM

**Session Introduction**

Warren Sherman

2:05 PM

**Enhanced Effects of Primed Peripheral Monocytes**

Hyo-Soo Kim

2:17 PM

**Cell Matrix and Endothelial Function: Impact of Hyperglycemia**

Elazer R. Edelman

2:29 PM

**Microvesicles: Multiple Effects of Cord-Blood CD133+ Cells**

Wojtek Wojakowski

2:41 PM

**Roundtable Discussion with Audience Q&A**

**2:51 PM - 3:59 PM**

**Debate Session I. Bioeffects**

**Moderators:** Jonathan M. Hill, Hyo-Soo Kim

**Digital Moderator:** Emerson C. Perin

**Discussants:** Alan W. Heldman, Roger J. Laham, Jan J. Piek, Warren Sherman, Guillermo Torre-Amione

**Digital Panelist:** Jonathan Leor

2:51 PM -  
3:16 PM

**How Should Gene Therapies Be Delivered for Maximal Safety and Efficacy?**

2:51 PM

**Pre-debate Vote: What Does the Audience Think?**

**Moderator:** Hyo-Soo Kim

2:53 PM

**Plasmid Based!**

Marc S. Penn

3:03 PM

**Viral Vector Based!**

Krisztina Zsebo

3:13 PM

**Post-debate Vote: Did We Change Any Minds?**

**Moderator:** Hyo-Soo Kim

3:21 PM -  
3:46 PM

**Are Randomized Trials Most Likely to Be Positive with Autologous or Allogeneic Progenitors?**

3:21 PM

**Pre-debate Vote: What Does the Audience Think?**

**Moderator:** Jonathan M. Hill

3:23 PM	<b>Autologous Progenitor Cells!</b> Andreas M. Zeiher
3:33 PM	<b>Allogeneic Progenitor Cells!</b> Henricus J. Duckers
3:43 PM	<b>Post-debate Vote: Did We Change Any Minds?</b> <b>Moderator:</b> Jonathan M. Hill

3:16 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>
3:46 PM	<b>TCT 149: Intracoronary Injection of Bone Marrow-Derived Mononuclear Cells, Early or Late After Acute Myocardial Infarction: Long-term Effects on Global Left Ventricular Function – Twelve-Month MRI and Long-term Clinical Results of the SWISS-AMI Trial</b> Daniel Suerder, MD
3:54 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>

**3:59 PM - 4:53 PM**      **Discovery Session II. Modified Cells and Effects**

**Moderators:** Marc S. Penn, Andreas M. Zeiher  
**Digital Moderator:** Warren Sherman  
**Discussants:** Stephen E. Epstein, Jonathan M. Hill, Jonathan Leor, Eli I. Lev, Jan J. Piek  
**Digital Panelist:** Branko Beleslin

3:59 PM	<b>Cellular Nanotechnology in STEMI</b> Jonathan Leor
4:11 PM	<b>Enhancement of MSC Function by Chronic Exposure to Hypoxia</b> Stephen E. Epstein
4:23 PM	<b>Side Cell Population and Valve Function</b> Muralidhar Padala
4:35 PM	<b>TCT 150: First-in-Man Experience with Transendocardial Injections of Bone Marrow-Derived Mesenchymal Stem Cells in Idiopathic Dilated Cardiomyopathy: The MYOCYTE Trial</b> Ricardo Sanz-Ruiz, MD
4:43 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>

**4:53 PM - 6:00 PM**      **Debate Session II. Methods in Regenerative Cardiology**

**Moderators:** Warren Sherman, Wojtek Wojakowski  
**Digital Moderator:** Stephen E. Epstein  
**Discussants:** Henricus J. Duckers, Alan W. Heldman, Nicholas N. Kipshidze, Daniel Surder  
**Digital Panelists:** Christopher Arealos, Muralidhar Padala

4:53 PM - 5:18 PM	<b>Tissue Replacement vs Restoration for Improvement of LV Function</b>
4:53 PM	<b>Pre-debate Vote: What Does the Audience Think?</b> <b>Moderator:</b> Warren Sherman
4:55 PM	<b>Tissue Replacement Will Be Required!</b> Francisco Fdez-Aviles
5:05 PM	<b>Tissue Restoration Is Possible and Preferable!</b> Jonathan Leor
5:15 PM	<b>Post-debate Vote: Did We Change Any Minds?</b> <b>Moderator:</b> Warren Sherman
5:31 PM - 6:00 PM	<b>Multimodal Imaging in Catheter-Based Delivery</b>
5:31 PM	<b>Pre-debate Vote: What Does the Audience Think?</b> <b>Moderator:</b> Wojtek Wojakowski
5:33 PM	<b>Indispensable – Precision Is Vital!</b> Emerson C. Perin
5:43 PM	<b>Electroanatomic Mapping Is NOT Required for Stem Cell Injection</b> Alan W. Heldman



5:53 PM **Post-debate Vote: Did We Change Any Minds?**  
**Moderator:** Wojtek Wojakowski

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5:18 PM **TCT 151: Transcatheter Transplantation and In Vivo Tracking Of Human Stem Cell-Based 3-Dimensional Microtissues in a Porcine Model Of Myocardial Infarction**  
Maximilian Y Emmert

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5:26 PM **Roundtable Discussion with Audience Q&A**

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5:56 PM **Roundtable Discussion with Audience Q&A**

## Didactic Symposia: Innovation 3: Trends & Devices

Monday, September 15  
2:00 PM - 6:06 PM  
Room: Level 1, Room 147A

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### 2:00 PM - 3:08 PM **Session I. Cath Lab Technology Evolution: Imaging Integration and Radiation Reduction**

**Moderators:** Charles E. Chambers, David R. Holmes Jr.  
**Digital Moderator:** Omar K. Khalique  
**Discussants:** James A. Goldstein, Ran Kornowski, Frederic H. Moll, Barry F. Uretsky, Giora Weisz  
**Digital Panelists:** Ronald Caputo, Niels R. Holm

2:00 PM -  
3:08 PM

#### **Radiation Reduction Exposure: A Real Unmet Clinical Need!**

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2:00 PM **Physicist Perspective**  
Stephen Balter

---

2:08 PM **Clinician Perspective**  
James A. Goldstein

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2:16 PM **Roundtable Discussion with Audience Q&A**

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2:26 PM **Cath Lab Evolution: Imaging Integration, Radiation Reduction, and Beyond**  
Charles E. Chambers

---

2:38 PM **A Dynamic Coning System to Reduce Radiation Dose to Operator, Staff, and Patient During Fluoroscopy and Cine**  
Lindsay S. Machan

---

2:48 PM **Robotics and Remote Device Manipulation: Future Trends and Applications**  
Giora Weisz

---

2:58 PM **Roundtable Discussion with Audience Q&A**

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### 3:08 PM - 4:00 PM **Session II. Mobile and Connected Health: The E-Revolution!**

**Moderators:** Daniel Burkhoff, Peter J. Fitzgerald  
**Digital Moderator:** Norman E. Lepor  
**Discussants:** Jordan Safirstein, Chuck Simonton, Barry F. Uretsky  
**Digital Panelists:** Stephen Balter, Justin E. Davies

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3:08 PM **Keynote Lecture: The Digital Integration of Medical Device Technologies and the Future of Healthcare Delivery**  
Peter J. Fitzgerald

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3:20 PM **From Wearable to Implantable Medical Device Electronics: Connecting with the Patient 24/7**  
Jay S. Yadav

---

3:32 PM **Blue Sky Lecture: Imagining the Possibilities of Google Glass**  
Jordan Safirstein

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3:42 PM **Roundtable Discussion with Audience Q&A**

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### 4:00 PM - 4:42 PM **Session III. Vascular Technologies/Cath Lab Equipment**

**Moderators:** Chaim S. Lotan, Julio C. Palmaz  
**Digital Moderator:** Mark A. Turco  
**Discussants:** Rafael Beyar, Robert A. Byrne, Keith D. Dawkins, Kumaran Kolandaivelu, Ran Kornowski  
**Digital Panelists:** Debabrata Dash, Gert Richardt

4:00 PM	<b>New Ultrasound Enhanced Paclitaxel Therapy to Treat Critical Limb Ischemia</b> Roberto Gandini
4:08 PM	<b>The Saranas System, A Bioimpedance Spectroscopy Introducer Sheath That Offers Automated Real-Time Detection of Vascular Access Complications to Improve Patient Management and Provider Cost Savings</b> Christopher Arevalos
4:16 PM	<b>The Shockwave Lithoplasty™ Concept for Calcified Lesions</b> Todd J. Brinton
4:24 PM	<b>Innovative Technologies to Reduce and Monitor Contrast Dosage During Angiography</b> Roxana Mehran
4:32 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>

**4:42 PM - 5:24 PM**

**Session IV. Interventional Heart Failure/Hypertension**

**Moderators:** Daniel Burkhoff, Felix Mahfoud  
**Digital Moderators:** Jose Luis Assad-Morell, Sahil A. Parikh  
**Discussants:** Rafael Beyar, Justin E. Davies, Krishna J. Rocha-Singh, Paul A. Sobotka  
**Digital Panelists:** Atul Pathak, Guillermo Torre-Amione

4:42 PM	<b>Vagal Nerve Neuromodulation for Ischemic HF Therapy</b> Gaetano De Ferrari
4:52 PM	<b>Baroreceptor Reflex Neuromodulation for HF Therapy</b> William C. Little
5:02 PM	<b>Self-Expanding Nitinol Carotid Prosthesis to Treat Resistant Hypertension: Vascular Dynamics</b> Mark C. Bates
5:12 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>

**5:24 PM - 6:06 PM**

**Session V. TAVR, Ancillary Devices, and Applied Imaging**

**Moderators:** Susheel Kodali, Nicolo Piazza  
**Digital Moderator:** Lutz Buellesfeld  
**Discussants:** Mayra Guerrero, Howard C. Herrmann, Ian T. Meredith, Josep Rodés-Cabau, Horst Sievert  
**Digital Panelists:** Sarah Clarke, Ganesh Manoharan, Igor F. Palacios

5:24 PM	<b>First Use of an Objective and Reproducible Method for Quantification of Aortic Regurgitation After TAVR Based on Angiography</b> Carl Schultz
5:32 PM	<b>Cardiac Flow Imaging: Visions of Structural Heart Disease on the Morpheus Cloud</b> Albert Hsiao
5:40 PM	<b>The Emboline Aortic Embolic Protection Technology</b> Scott Russell
5:48 PM	<b>Transcatheter-Based Homologous “Off-the-Shelf” Tissue Engineered Heart Valves with Self-Repair Capacity: Long-term Functionality and Rapid In Vivo Remodeling in Sheep</b> Maximilian Y Emmert
5:56 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>
6:06 PM	<b>Adjourn</b>

**Didactic Symposia: Interventional HF Therapies 1**

Monday, September 15  
 2:00 PM - 6:01 PM  
 Room: Level 1, Room 152A/B

**2:00 PM - 2:15 PM**

**Session I. Keynote Address**

**Moderator:** Howard C. Herrmann  
**Digital Moderator:** Spencer H. Kubo

2:00 PM	<b>Heart Failure Management: 2014 Update</b> George D. Dangas
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2:15 PM - 3:42 PM

**Session II. Valve Disease as a Target for Treating Heart Failure Patients**

**Moderator:** Howard C. Herrmann

**Digital Moderator:** Spencer H. Kubo

**Discussants:** Anita Asgar, Blase A. Carabello, Stefan Sack

**Digital Panelists:** Mark A. Apfelbaum, Ronald M. Lazar

- 
- 2:15 PM      **Heart Failure Before and After TAVR**  
Stefan Sack
- 
- 2:25 PM      **TCT 690: Safety and Efficacy of Urgent Transcatheter Aortic Valve Replacement in Patients Admitted with Decompensated Heart Failure**  
Sami Alnasser
- 
- 2:33 PM      **Functional Mitral Regurgitation as a Target for Heart Failure Therapy: Patient Selection and Expected Benefits**  
Blase A. Carabello
- 
- 2:45 PM      **Surgical Replacement vs Repair: Lessons from Surgical Trials**  
Robert E. Michler
- 
- 2:57 PM      **Experience with MitraClip in Advanced Heart Failure**  
Anita Asgar
- 
- 3:12 PM      **Transcatheter Repair vs Replacement for Functional Mitral Regurgitation: Competitive or Complementary (and Predictions for the Future)**  
Karl-Heinz Kuck
- 
- 3:27 PM      **Roundtable Discussion with Audience Q&A**

3:42 PM - 6:01 PM

**Session III. Direct and Indirect Ventricular Remodeling**

**Moderators:** Vasken Dilsizian, Sunil V. Rao

**Digital Moderator:** Jose P.S. Henriques

**Discussants:** Timothy D. Henry, Robert E. Michler, Petr Neuzil, Kenji Sunagawa, Krisztina Zsebo

**Digital Panelists:** Elmira Omerovic, Marvin J. Slepian

- 
- 3:42 PM      **Ventricular Remodeling and Reverse Remodeling in Heart Failure**  
Richard Smalling
- 
- 3:57 PM      **Reshaping and Restoring the Left Ventricle: Percutaneous Ventricular Partitioning**  
Ernest L. Mazzaferri, Jr
- 
- 4:09 PM      **TCT 76: Percutaneous Ventricular Restoration (PVR) Therapy Using the Parachute® Device in Patients with Ischemic Dilated Heart Failure: Primary Endpoint Results of the European Postmarket Trial - PARACHUTE III**  
Ulrich Schaefer, MD
- 
- 4:17 PM      **Transcatheter Reshaping and Restoring the Left Ventricle: Less Invasive Ventricular Enhancement Procedure**  
Petr Neuzil
- 
- 4:29 PM      **Surgical Restoration of the Failing Heart: Implications of STICH for Revascularization and Other Forms of Therapy**  
Robert E. Michler
- 
- 4:41 PM      **TCT 75: Complete Revascularization in Ischemic Heart Failure May Improve Patient Survival**  
Lukasz Pyka
- 
- 4:49 PM      **Matrix Expansion to Prevent Remodeling After MI**  
Sunil V. Rao
- 
- 5:01 PM      **Cell Therapy to Reverse Remodel the Failing Heart: State of the Art**  
Timothy D. Henry
- 
- 5:16 PM      **Gene Therapy to Reverse Remodel the Failing Heart: State of the Art**  
Krisztina Zsebo
- 
- 5:31 PM      **Neuromodulation to Reverse Remodel the Failing Heart: Start of the Art**  
Kenji Sunagawa
- 
- 5:46 PM      **Roundtable Discussion with Audience Q&A**

Accreditation: CME

Monday, September 15

2:00 PM - 6:00 PM

Room: Level 1, Room 150A/B

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**2:00 PM - 3:05 PM**

**Session I. Preintervention Imaging**

**Moderators:** Hector M. Garcia-Garcia, John McB. Hodgson

**Digital Moderator:** Robert J. Russo

**Discussants:** Adriano Caixeta, Patrick A. Calvert, Gary S. Mintz, Jose M. de la Torre Hernandez

**Digital Panelists:** Marco Alcantara, Istvan F Edes, Peter Hausinger

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2:00 PM      **IVUS Assessment of ACS and Vulnerable Plaque: Review of PROSPECT, VIVA, and ATHEREMO-IVUS and New Data on the Interpretation of Greyscale Plaque Morphology**  
Soo-Jin Kang

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2:15 PM      **Case #1: Spontaneous Dissection**  
**Case Presenter:** Ning Guo

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2:20 PM      **Case #2: Calcified Nodule and ACS**  
**Case Presenter:** Gary S. Mintz

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2:25 PM      **Predicting Periprocedural MI by Intravascular Imaging (Grayscale-IVUS, VH-IVUS, IB-IVUS, iMAP, and NIRS-IVUS)**  
Patrick A. Calvert

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2:30 PM      **Case #3: Attenuated Plaque and No-Reflow**  
**Case Presenter:** Xiaofan Wu

---

2:35 PM      **Preinterventional Imaging, Bifurcation Assessment, and Stent Sizing by IVUS for Case Planning**  
Bernhard Witzenbichler

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2:50 PM      **Roundtable Discussion with Audience Q&A**

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**3:05 PM - 3:50 PM**

**Session II. Abstract Presentations**

**Moderators:** Charles J. Davidson, Robert J. Russo

**Digital Moderator:** Ryan D. Madder

**Discussants:** Massoud A. Leesar, Jonathan M. Tobis, Alan C. Yeung

**Digital Panelists:** Kiyoshi Hibi, Takashi Kubo, Jian Liu

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3:05 PM      **TCT 344: IVUS Features of Coronary Plaques with Intraplaque Hemorrhage**  
Mitsuaki Matsumura

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3:15 PM      **Roundtable Discussion with Audience Q&A**

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3:20 PM      **TCT 345: Distribution of Excessive Expansive Remodeling and Low Endothelial Shear Stress in the Long Axis of Human Coronary Plaque and Their Combined Effects on the Natural History of Atherosclerosis**  
Antonios Antoniadis

---

3:30 PM      **Roundtable Discussion with Audience Q&A**

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3:35 PM      **TCT 346: Relationship Between Peripheral Artery Disease and Coronary Plaque Morphology: An ADAPT-DES Intravascular Ultrasound Substudy**  
Mitsuaki Matsumura

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3:45 PM      **Roundtable Discussion with Audience Q&A**

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**3:50 PM - 5:03 PM**

**Session III. Interventional Guidance**

**Moderators:** Patrick A. Calvert, Gary S. Mintz

**Digital Moderator:** Bernhard Witzenbichler

**Discussants:** Jian Liu, Akiko Maehara, Robert J. Russo, Satoru Sumitsuji

**Digital Panelists:** Ning Guo, Hitoshi Matsuo, Nobuhiro Tanaka

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3:50 PM      **IVUS Assessment and DES-Guided Treatment of Left Main Lesions**  
Jose M. de la Torre Hernandez

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4:05 PM      **Case #4: CTO Intervention I – Penetrating a Proximal Fibrous Cap**  
**Case Presenter:** Masahiko Ochiai

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4:10 PM      **Case #5: CTO Intervention II – Identification of the True vs False Distal Lumen**  
**Case Presenter:** Masahiko Ochiai

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4:15 PM	<b>Case #6: CTO Intervention III – Perforations and Dissections</b> <b>Case Presenter:</b> Masahiko Ochiai
4:20 PM	<b>IVUS to Guide Bioresorbable Scaffold Implantation</b> Azeem Latib
4:30 PM	<b>Featured Lecture: Stent Optimization by IVUS, Identification of Complications, and Evidence that IVUS Guidance Improves Outcomes</b> Gary S. Mintz
4:45 PM	<b>Audience Response Question: Has the Case Been Made for IVUS Guidance of DES Implantation in Most Patients?</b>
4:48 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>

**5:03 PM - 6:00 PM**

**Session IV. Restenosis and Stent Thrombosis**

**Moderators:** Soo-Jin Kang, Akiko Maehara

**Digital Moderator:** Gary S. Mintz

**Discussants:** Hector M. Garcia-Garcia, John McB. Hodgson, Robert J. Russo

**Digital Panelists:** Adriano Caixeta, Ugo Limbruno, Marcin Wizimirski

5:03 PM	<b>Mechanisms, Predictors, and Unusual Causes of In-Stent Restenosis</b> Lisette Okkels Jensen
5:15 PM	<b>Mechanisms, Predictors, and Unusual Causes of Early, Late, and Very Late Stent Thrombosis</b> Fernando Alfonso
5:27 PM	<b>Case #7: In-Stent Restenosis</b> <b>Case Presenter:</b> Bernhard Witzenbichler
5:32 PM	<b>Case #8: Early Stent Thrombosis</b> <b>Case Presenter:</b> Neal Uren
5:37 PM	<b>Case #9: Very Late Stent Thrombosis</b> <b>Case Presenter:</b> Robert J. Russo
5:42 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>
5:52 PM	<b>Practical Integration: A Modern Cath Lab-Based Imaging Service (and Lessons Learned)</b> Ning Guo

**Didactic Symposia: LAA Closure 1**

Accreditation: CME/CNE

Monday, September 15

2:00 PM - 6:08 PM

Room: Level 1, Room 146A

**2:00 PM - 3:15 PM**

**Session I. Background, Rationale, and Indications for LAA Closure**

**Moderators:** Josep Rodés-Cabau, Brian K. Whisenant

**Digital Moderator:** David Hildick-Smith

**Discussants:** Steven L. Almany, Shephal Doshi, Michael D. Ezekowitz, Vivek Y. Reddy, Jacqueline Saw

**Digital Panelist:** Patrizia Presbitero

**Digital Panelist:** Jose Luis Assad-Morell

2:00 PM	<b>Stroke, Bleeding, and Risk Scores in Atrial Fibrillation</b> Stefan C. Bertog
2:15 PM	<b>Old and New Anticoagulants for Stroke Prevention: Benefits and Risks</b> Jonathan L. Halperin
2:30 PM	<b>Techniques, Results, and Lessons from Surgical LAA Closure</b> Subhasis Chatterjee
2:45 PM	<b>Current (and Future) Guidelines for Atrial Fibrillation Treatment</b> Ted E. Feldman
3:00 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>

**Moderators:** Shephal Doshi, Gregg W. Stone

**Digital Moderator:** Steven R. Bailey

**Discussants:** Krzysztof Bartus, Randall J. Lee, Matthew J. Price, Robert J. Sommer, Brian K. Whisenant

**Digital Panelists:** Steven L. Almany, Eun-Seok Shin, Zhe Zheng

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3:15 PM      **Watchman I: First Report of the 5-Year PROTECT-AF and Extended PREVAIL Results**  
Vivek Y. Reddy

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3:27 PM      **Watchman II: PROTECT-AF/PREVAIL Meta-analysis and Implications**  
David R. Holmes Jr.

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3:37 PM -  
4:09 PM      **Debate: Is LAA Closure with the Watchman an Alternative to Oral Anticoagulation?**

3:37 PM      **Pre-debate Vote: What Does the Audience Think?**  
**Moderator:** Gregg W. Stone

---

3:40 PM      **No, It Should Be Limited to Patients with Absolute Anticoagulation Contraindications**  
Jai-Wun Park

---

3:48 PM      **Yes, It Is a Good Option for Most Anticoagulation Eligible Patients**  
Saibal Kar

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3:56 PM      **Roundtable Discussion with Audience Q&A: Who Is the Appropriate Patient for the Watchman?**

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4:06 PM      **Post-debate Vote: Did We Change Any Minds?**  
**Moderator:** Gregg W. Stone

---

4:09 PM      **Results with the Amplatzer Cardiac Plug (ACP)**  
Reda Ibrahim

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4:24 PM      **Transpericardial LAA Closure: Multicenter Results with the LARIAT**  
Matthew J. Price

---

4:34 PM      **LARIAT Experience in Patients Contraindicated to Anticoagulation**  
Sameer Gafoor

---

4:44 PM      **AF Ablation: Stand-Alone and in Conjunction with LAA Closure**  
Vivek Y. Reddy

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4:59 PM      **Fundamentals for Creating of a Successful Multidisciplinary LAA Occlusion Program**  
Michael J. Rinaldi

---

5:11 PM      **Roundtable Discussion with Audience Q&A**

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**Moderators:** Saibal Kar, Bushra S Rana

**Digital Moderator:** Jai-Wun Park

**Discussants:** Stefan C. Bertog, Sameer Gafoor, Hosakote Nagaraj

**Digital Panelists:** Adel Aminian, Sergio Berti

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5:26 PM      **TCT 170: Cost-effectiveness Analysis of a Left Atrial Appendage Occlusion Device Compared with 7 Oral Anticoagulants for Stroke Prevention in Atrial Fibrillation**  
Vivian Lee

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5:36 PM      **Roundtable Discussion with Audience Q&A**

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5:40 PM      **TCT 171: Avoidance of Major Bleeding with WATCHMAN Left Atrial Appendage Closure Compared with Long-term Oral Anticoagulation: A Pooled Analysis of Randomized Trials**  
Matthew J. Price

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5:50 PM      **Roundtable Discussion with Audience Q&A**

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5:54 PM      **TCT 172: Aspirin Monotherapy After Left Atrial Appendage Occlusion with the Amplatzer Cardiac Plug: Results from the ACP Study Group Registry**  
Apostolos Tzikas

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6:04 PM      **Roundtable Discussion with Audience Q&A**

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## Didactic Symposia: LM & Bifurcation Summit 1

Accreditation: CME

Monday, September 15

2:00 PM - 6:20 PM

Room: Level 2, Room 207A/B

### 2:00 PM - 3:53 PM

#### Session I. Technique of True Bifurcation Stenting

**Moderators:** Yves R. Louvard, Bernhard Reimers

**Digital Moderator:** Elvin Kedhi

**Discussants:** Vinay K. Bahl, Carlo Di Mario, Jorge Gaspar, Gary Gershony, Kari Kervinen

**Digital Panelists:** Kenneth Chin, Niall T. Mulvihill

- 
- 2:00 PM      **Special Lecture: What Have I Learned from Treating Bifurcation Lesions in the Last 20 Years?**  
Paul S. Teirstein
- 
- 2:08 PM      **Basic Bifurcation Guidance: When to Start with a Provisional 2-Stent Technique (with Case Examples)**  
Thierry Lefevre
- 
- 2:16 PM      **TCT 179: An Angiographic Tool for Risk Prediction of Side Branch Occlusion in Coronary Bifurcation Intervention: The RESOLVE Score System**  
Kefei Dou
- 
- 2:24 PM      **TCT 180: How Bifurcation Angle Impacts the Fate of the Side Branch After Main Vessel Stenting: Results from a Large Center**  
Dong Zhang
- 
- 2:32 PM      **Nuances of the Provisional Stent Technique and Preserving Sidebranch Patency**  
Hyeon-Cheol Gwon
- 
- 2:40 PM      **How to Convert to a 2-Stent Technique from a Planned 1-Stent Crossover**  
Bernhard Reimers
- 
- 2:48 PM      **Basic Bifurcation Guidance: When to Start with a 2-Stent Technique (and Which Technique with Case Examples)**  
**Case Presenter:** Vladimir Dzavik
- 
- 2:56 PM      **How and When to: T-Stenting and TAP Technique (Step-by-Step with Case Examples)**  
**Case Presenter:** Goran Stankovic
- 
- 3:04 PM      **How and When to: Minicrush and Culotte (Step-by-Step with Case Examples)**  
**Case Presenter:** Remo Albiero
- 
- 3:14 PM      **How and When to: DK Crush (Step-by-Step with Case Examples)**  
**Case Presenter:** James B. Hermiller Jr
- 
- 3:21 PM      **How and When to: SKS and V-Stenting (Step-by-Step with Case Examples)**  
**Case Presenter:** David G. Rizik
- 
- 3:29 PM      **Nuances of Kissing Balloon Inflation: From POT to Timing**  
Dong-Ho Shin
- 
- 3:36 PM      **Bifurcation Lesion Preparation: Critical Appraisal and Recommendations**  
D. Christopher Metzger
- 
- 3:43 PM      **Roundtable Discussion with Audience Q&A**

### 3:53 PM - 4:39 PM

#### Session II. Bifurcation Stenting: The Data

**Moderators:** Jens Flensted Lassen, Thierry Lefevre

**Digital Moderator:** Issam D. Moussa

**Discussants:** Nick Curzen, Anthony H. Gershlick, Hyo-Soo Kim, Michael A. Kutcher, Michael Maeng

**Digital Panelists:** Francesco Burzotta, Jose de Ribamar Costa Jr

- 
- 3:53 PM      **Lessons from the Nordic Trials: Summary of Trials and Data Gaps**  
Leif Thuesen
- 
- 4:03 PM      **Lessons from the BBC Trials: Summary of Trials and Data Gaps**  
David Hildick-Smith
- 
- 4:13 PM      **Insights from the DK Crush Trials**  
Shao Liang Chen

4:21 PM **Insights from the COBIS Registries**  
Hyeon-Cheol Gwon

4:29 PM **Roundtable Discussion with Audience Q&A**

**4:39 PM - 5:44 PM**

**Session III. Bifurcation Stenting: Advanced Concepts**

**Moderators:** Bernard R. Chevalier, Leif Thuesen

**Digital Moderator:** Ricardo A. Costa

**Discussants:** Carlo Briguori, Alaide Chieffo, Robert J. Gil, Bon-Kwon Koo, Sunao Nakamura

**Digital Panelists:** Nicola Corvaja, Jens Flensted Lassen, M. Reza Movahed

4:39 PM **Does FFR Have Anything to Offer for Bifurcation Treatment? From Theory to Data**  
William F. Fearon

4:47 PM **Does IVUS Have Anything to Offer for Bifurcation Treatment? From Theory to Data**  
Ioannis Iakovou

4:55 PM **Choice of Metallic DES Stents for Bifurcation Stenting**  
Francesco Burzotta

5:02 PM **TCT 181: A Comparative Prospective Analysis of a Drug-Eluting Stent with Biodegradable Polymer Versus a Drug-Eluting Stent with Permanent Polymer in Bifurcation Lesions**  
Ran Kornowski

5:10 PM **Do Drug-Eluting Balloons Have Anything to Offer for Bifurcation Treatment? From Theory to Data**  
Kenneth Chin

5:17 PM **Potential Role for a Self-Expanding Stent in Bifurcations: Final OPEN II Results**  
Christoph K. Naber

5:24 PM **Is There a Role for a Dedicated Bifurcation Stent Device? Landscape and Lessons from the Tryton Trial**  
Antonio L. Bartorelli

5:34 PM **Roundtable Discussion with Audience Q&A**

**5:44 PM - 6:20 PM**

**Session IV. Will Bioresorbable Scaffolds Change the Landscape of Bifurcation Stenting?**

**Moderators:** David Hildick-Smith, Paul S. Teirstein

**Digital Moderator:** Azeem Latib

**Discussants:** Erlend Eriksen, Mirosław Ferenc, Terje K. Steigen

**Digital Panelists:** Nicolas Foin, Hyeon-Cheol Gwon, Fernando Daniel Pastor

5:44 PM **Bioresorbable Scaffold Use in Bifurcation Requires Different Technique**  
John A. Ormiston

5:51 PM **Bioresorbable Scaffold Use in Bifurcations: Insights from OCT**  
Jens Flensted Lassen

5:58 PM **Bioresorbable Scaffold Use in Complex Bifurcations: Case #1**  
**Case Presenter:** Yoshinobu Onuma

6:05 PM **Bioresorbable Scaffold Use in Complex Bifurcations: Case #2**  
**Case Presenter:** Arif Al Nooryani

6:12 PM **Roundtable Discussion with Audience Q&A**

## Didactic Symposia: Metallic DES: Next Generation

Accreditation: CME/CNE

Monday, September 15

2:00 PM - 6:00 PM

Room: Level 1, Room 151A/B

**2:00 PM - 2:34 PM**

**Session I. Bioabsorbable Polymer-Based DES – Introductory Concepts**

**Moderators:** Alope V. Finn, Greg L. Kaluza

**Digital Moderator:** Robert J. Gil

**Digital Panelists:** Fausto Feres, Shigeru Saito



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2:00 PM **Bioabsorbable Polymer-Based Metallic DES: Technological and Biological Considerations**  
Juan F. Granada

2:12 PM - **Debate: From Proof of Concept to the Body of Clinical Evidence, Bioabsorbable Polymer Technology is Preferred to Durable**  
2:34 PM **Polymers**

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2:12 PM **Pre-debate Vote**  
**Moderator:** Alope V. Finn

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2:15 PM **Pro Bioabsorbable Polymer-Based Metallic DES!**  
Robert A. Byrne

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2:23 PM **Pro Durable Polymer-Based Metallic DES!**  
Tullio Palmerini

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2:31 PM **Post-debate Vote**  
**Moderator:** Alope V. Finn

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2:34 PM - 4:33 PM

**Session II. Current and Emerging Bioabsorbable Polymer-Based DES**

**Moderators:** Alexandre Abizaid, Pieter C. Smits

**Digital Moderator:** Robert J. Gil

**Discussants:** Sameer I. Dani, John A. Ormiston, Shigeru Saito, Stefan Verheye, Stephan Windecker, Bo Xu

**Digital Panelists:** Giuseppe De Luca, Soo-Jin Kang, Francesco Prati

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2:34 PM **Safety and Efficacy Profile of BioMatrix and Nobori in Simple and Complex Lesions: Global Program Overview**  
Stephan Windecker

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2:49 PM **TCT 652: Incidence and Predictors of Late Catch-up Phenomenon After Drug-Eluting Stent Implantation**  
Masanobu Ohya

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2:57 PM **TCT 584: Abluminal Biodegradable Polymer, Biolimus-Eluting Stent Versus Durable Polymer, Everolimus-Eluting Stent: 3-Year Follow-up from the COMPARE II Trial**  
Pieter C. Smits

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3:05 PM **Roundtable Discussion with Audience Q&A**

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3:10 PM **Platinum-Chromium Platform with Reduced Polymer Load and Rapid Bioabsorption: Everolimus-Eluting SYNERGY Program Update**  
Ian T. Meredith

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3:20 PM **Novolimus-Eluting from a Bioabsorbable Polymer: Latest Update from EXCELLA II**  
Stefan Verheye

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3:27 PM **Cobalt-Chromium Sirolimus-Eluting Platforms I: BioMime**  
Ricardo A. Costa

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3:34 PM **Cobalt-Chromium Sirolimus-Eluting Platforms II: ORSIRO**  
Stephan Windecker

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3:41 PM **Cobalt-Chromium Sirolimus-Eluting Platforms III: Inspiron**  
Pedro A. Lemos

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3:48 PM **Cobalt-Chromium Sirolimus-Eluting Platforms IV: Firehawk**  
Bo Xu

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3:55 PM **Cobalt-Chromium Sirolimus-Eluting Platforms V: Alex Eluting Stent**  
Robert J. Gil

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4:02 PM **Cobalt-Chromium Sirolimus-Eluting Platforms VI: Ultimaster**  
Shigeru Saito

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4:09 PM **Cobalt-Chromium Sirolimus-Eluting Platforms VII: MiStent**  
John A. Ormiston

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4:16 PM **The Sirolimus-Eluting Stent-Balloon: Update of the Abluminus ABL-1 Study**  
Sameer I. Dani

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4:23 PM **Roundtable Discussion with Audience Q&A**

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4:33 PM - 4:58 PM

**Session III. Novel DES Designs**

**Moderators:** Marie-Claude Morice, Giulio G. Stefanini

**Digital Moderator:** Pedro A. Lemos

**Discussants:** Michael Haude, Stefan Verheye

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4:33 PM      **Is Pro-healing a Valid Concept? The Sirolimus-Endothelial Progenitor Cell Antibody Combo Technology**  
Michael Haude

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4:43 PM      **TCT 599: Final Procedural, 30-Day and 6-Month Angiographic, Clinical, and OCT Outcomes from the DIRECT II Trial Using the Svelte Integrated Delivery System with Enzymatic Bioabsorbable Sirolimus Coating**  
Stefan Verheye

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4:51 PM      **Roundtable Discussion with Audience Q&A**

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**4:58 PM - 6:00 PM**

**Session IV. Polymer-Free Systems**

**Moderators:** Robert A. Byrne, Didier Carrié

**Digital Moderator:** Giuseppe De Luca

**Discussants:** Upendra Kaul, Pedro R. Moreno, Francesco Prati, Martin T. Rothman, Philip M. Urban

**Digital Panelists:** Satya Reddy Atmakuri, Roger J. Laham, Tullio Palmerini

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4:58 PM      **The Drug-Filled Stent: From Concept to Clinical Development**  
Martin T. Rothman

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5:06 PM      **Amphilic Sirolimus-Eluting Cre8 Technology - New Studies and Future Directions**  
Giuseppe De Luca

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5:14 PM      **BioFreedom: From Pilot Results to the Leaders-Free Trial**  
Philip M. Urban

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5:22 PM      **FOCUS np: Clinical and Angiographic Results with a Nanoparticle-Based Sirolimus-Eluting Stent and Balloon**  
Upendra Kaul

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5:30 PM      **Are There Meaningful Differences in Vascular Responses Between the Different Classes of Metallic Stent Technologies?**  
Francesco Prati

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5:38 PM      **Roundtable Discussion with Audience Q&A**

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5:50 PM      **Postprogram Vote I: Which Technology is Most Likely to Make Short DAPT Safe?**  
**Moderator:** Pieter C. Smits

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5:53 PM      **Postprogram Vote II: Which Device is Likely to Improve Hard Clinical Outcomes Beyond Best-in-Class Metallic DES with Durable Polymers?**  
**Moderator:** Pieter C. Smits

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**Didactic Symposia: Peripheral Drug-Coated Balloons**

Accreditation: CME/CNE

Monday, September 15

2:00 PM - 6:08 PM

Room: Level 1, Room 102A

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**2:00 PM - 4:09 PM**

**Session I. Femoropopliteal Indication**

**Moderators:** Kenneth Rosenfield, Thomas Zeller

**Digital Moderator:** Raghu Kolluri

**Discussants:** Dierk Scheinert, Peter A. Schneider, Karl-Ludwig Schulte

**Digital Panelists:** Tudor C Poerner, David P. Slovut

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2:00 PM      **DCB in De Novo Lesions: Critical Review of FIH Data, Efficacy, and Long-term Durability**  
Thomas Zeller

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2:15 PM      **Randomized Controlled Trials I: New Insights From INPACT SFA II**  
John R. Laird Jr

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2:27 PM      **Randomized Controlled Trials I: Extended Follow-Up From LEVANT 2 - Analysis of one year Follow-up and Beyond**  
Kenneth Rosenfield

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2:39 PM      **Roundtable Discussion with Audience Q&A**

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2:49 PM      **DCB Use in the Real World I: In-Stent Restenosis – Insights From the FAIR Trial**  
Thomas Zeller

2:59 PM	<b>DCB Use in the Real World II: DCB for Long and Highly Calcified Vessels</b> Gunnar Tepe
3:09 PM	<b>DCB Use in the Real World III: The IN.PACT Global Registry: First Report of Prospective Outcomes Using the IN.PACT DCB in an Unrestricted, Real-World Environment</b> Gary M. Ansel
3:19 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>
3:29 PM	<b>DCB and the Use of Ancillary Devices I: BMS–DCB Interactions – Provisional Versus Primary Use?</b> Francesco Liistro
3:39 PM	<b>DCB and the Use of Ancillary Devices II: Atherectomy - Insights from The DEFINITE AR Trial</b> Gunnar Tepe
3:49 PM	<b>DCB and the Use of Ancillary Devices III: Unmet Technical Needs and Opportunities for Development of Next-Generation Technologies</b> Arne Schwindt
3:59 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>

**4:09 PM - 5:54 PM**

**Session II. Highlighted Abstract Session**

**Moderators:** Peter A. Schneider, Gunnar Tepe  
**Digital Moderator:** Michael H. Wholey  
**Discussants:** Gary Gershony, Tudor C Poerner  
**Digital Panelists:** Marianne Brodmann, Arne Schwindt

4:09 PM	<b>TCT 532: Economic Outcomes of Endovascular Femoropopliteal Intervention Using Drug-Coated Balloons vs Standard PTA: 1-Year Results from the IN.PACT SFA II Trial</b> Adam Salisbury, MD
4:19 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>
4:24 PM	<b>TCT 268: Randomized Clinical Trial Favors the Use of Drug-Coated Balloons Over Plain Balloons for the Postdilatation of Nitinol Stents in the SFA and PI Segment to Lower Restenosis Rates</b> Josef Tacke, MD
4:34 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>
4:39 PM	<b>TCT 269: Drug-Coated Balloon vs Standard Balloon for the PTA Treatment of Lesions in the SFA and Popliteal Artery? First Interim Results of the FREERIDE Study</b> Schulte Karl-Ludwig, MD
4:49 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>

**4:54 PM - 6:08 PM**

**Session III. Below-the-Knee Indication**

**Moderators:** Gary M. Ansel, Jihad A. Mustapha  
**Digital Moderator:** Douglas E. Drachman  
**Discussants:** Lawrence A. Garcia, David P. Slovut, Craig M. Walker  
**Digital Panelists:** Jacqueline Gamberdella, Georges Ghanem

4:54 PM	<b>Impact of Disease Complexity on Technical Approach and Clinical Outcomes: Methodological Considerations for the Evaluation of DCB Safety and Efficacy</b> Peter A. Schneider
5:04 PM - 5:30 PM	<b>Clinical Trial Debate: Does DCB Work for the BTK Indication?</b>
5:04 PM	<b>Pre-debate Vote: What Does the Audience Think?</b> <b>Moderator:</b> Gary M. Ansel
5:07 PM	<b>PRO: IN.PACT DEEP was Flawed!</b> Francesco Liistro
5:17 PM	<b>CON: There Is No Proof of Efficacy: IN.PACT DEEP Trumps All!</b> Dierk Scheinert
5:27 PM	<b>Post-debate Vote: Did We Change Any Minds?</b> <b>Moderator:</b> Gary M. Ansel
5:30 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>
5:38 PM	<b>DCB in BTK Intervention: Ongoing Trials and Future Perspectives</b>

Lawrence A. Garcia

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- 5:48 PM      **Unmet Technical Needs and Opportunities for the Development of Next-Generation Technologies**  
Marianne Brodmann
- 
- 5:58 PM      **Roundtable Discussion with Audience Q&A**

## Didactic Symposia: Pharma. 2: Emerging Agents

Accreditation: CME/CNE

Monday, September 15  
2:00 PM - 6:14 PM  
Room: Level 2, Room 201

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### 2:00 PM - 2:56 PM

#### Session I. Cangrelor

**Moderators:** Christian W. Hamm, Franz-Josef Neumann

**Digital Moderator:** Philippe G n reux

**Discussants:** Dominick J. Angiolillo, Deepak L. Bhatt, Nick Curzen, Karen A. Hicks, Gregg W. Stone

**Digital Panelists:** Masato Nakamura, Matthew T. Roe

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- 2:00 PM      **Cangrelor I: Data Essentials from the Champion Trials**  
Deepak L. Bhatt

- 
- 2:10 PM      **Cangrelor II: New Data from the FDA Advisory Board Panel**  
Robert A. Harrington

- 
- 2:18 PM      **Cangrelor III: Detailed Effects on Intraprocedural and Postprocedural Stent Thrombosis**  
Philippe G n reux

- 
- 2:25 PM -  
2:46 PM      **The Cangrelor Debate: Should Cangrelor Pretreatment Be Used in Nearly All Patients with STEMI and NSTEMI and Many with Stable CAD?**

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- 2:25 PM      **Pre-debate Vote: What Does the Audience Think?**  
**Moderator:** Christian W. Hamm

- 
- 2:27 PM      **Definitely Not – An Expensive Way to Increase Bleeding Without Much Benefit!**  
Nick Curzen

- 
- 2:35 PM      **Definitely – To Prevent Stent Thrombosis and MI!**  
Gregg W. Stone

- 
- 2:43 PM      **Post-debate Vote: Did We Change Any Minds?**  
**Moderator:** Christian W. Hamm

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- 2:46 PM      **Roundtable Discussion with Audience Q&A**

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### 2:56 PM - 3:42 PM

#### Session II. Vorapaxar

**Moderators:** Ori Ben-Yehuda, Matthew T. Roe

**Digital Moderator:** David J. Moliterno

**Discussants:** Marc Bonaca, C. Michael Gibson, Karen A. Hicks, Sanjay Kaul, Dietmar Trenk

**Digital Panelists:** Jos  Alfredo Merino Rajme, Nikolaus Sarafoff

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- 2:56 PM      **Featured Presentation: Vorapaxar Safety and Efficacy Results in the FDA-Approved, Stroke-Free MI and PAD Populations**  
Marc Bonaca

- 
- 3:08 PM      **Vorapaxar in ACS: Why Did TRACER Fail?**  
David J. Moliterno

- 
- 3:16 PM      **Reflections on Incorporating Vorapaxar in Contemporary Practice: Who Are the Right Patients?**  
Sanjay Kaul

- 
- 3:24 PM      **TCT 12: The Impact of Platelet Receptor Gene Polymorphisms on Clinical Outcomes in Patients with ST-Elevation Myocardial Infarction After Percutaneous Coronary Intervention**  
Jia-Hui Zhang
-

3:32 PM Roundtable Discussion with Audience Q&A

3:42 PM - 5:32 PM

**Session III. Antithrombins and Anticoagulants (and Triple Therapy Conundrums)**

**Moderators:** E. Magnus Ohman, Freek W.A. Verheugt

**Digital Moderator:** C. Michael Gibson

**Discussants:** Michael D. Ezekowitz, Christopher B. Granger, Jonathan L. Halperin, Lisa K. Jennings, A. Michael Lincoff, Laura Mauri, Harvey D. White

**Digital Panelists:** Hitinder S. Gurm, Kostadin Kichukov, Pascal Vranckx

3:42 PM **The REG1 Anticoagulation System: Factor IX Inhibitor Using RNA Aptamer Technology**  
A. Michael Lincoff

3:52 PM **Comparative Analysis of Warfarin and the NOACs: Differentiating Properties, Risks, and Benefits**  
Jonathan L. Halperin

4:04 PM **Dabigatran in ACS and Atrial Fibrillation: MI Risks, Safety in the Elderly, and the RE-DUAL Trial**  
Laura Mauri

4:14 PM **Rivaroxaban in ACS and Atrial Fibrillation: Randomized Trials, Real-World Data, and "Pioneer"ing Efforts**  
C. Michael Gibson

4:24 PM **Apixaban in ACS and Atrial Fibrillation: Comparison to Warfarin and Aspirin**  
Christopher B. Granger

4:34 PM **Edoxaban in ACS and Atrial Fibrillation: Risk/Benefit Analysis and Future Directions**  
Michael D. Ezekowitz

4:44 PM **Reversal of Factor Xa Inhibition**  
Lisa K. Jennings

4:54 PM **When Should Aspirin Be Dropped From Triple Therapy? Musings on Woest and Beyond**  
Harvey D. White

5:04 PM **TCT 474: Triple vs Dual Antithrombotic Therapy in Patients with Atrial Fibrillation and Acute Coronary Syndromes: The AVIATOR Registry**  
Georgios Christodoulidis

5:12 PM **TCT 475: Triple Antithrombotic Therapy Versus Dual Antiplatelet Therapy in Patients with Atrial Fibrillation Undergoing Drug-Eluting Stent Implantation**  
Dong Oh Kang

5:20 PM Roundtable Discussion with Audience Q&A

5:32 PM - 6:14 PM

**Session V. Lipid-Lowering and Other Agents**

**Moderators:** Ori Ben-Yehuda, Harvey D. White

**Digital Moderator:** Roxana Mehran

**Discussants:** Darrel P. Francis, Evan A. Stein

**Digital Panelists:** Jonathan Feig, David J. Maron

5:32 PM **PCSK9 Inhibitors: Comparison of Agents and a Systematic Review**  
Evan A. Stein

5:44 PM **Intravenous HDL to Regress Plaque**  
Roxana Mehran

5:54 PM **LpPLA2 Inhibition by Darapladib in Coronary Artery Disease: Game Over or Just Beginning?**  
Harvey D. White

6:04 PM Roundtable Discussion with Audience Q&A

**Didactic Symposia: TAVR: Today & Tomorrow 3**

Accreditation: CME

Monday, September 15

2:00 PM - 6:09 PM

Room: Level 2, Room 202A/B

2:00 PM - 3:20 PM

**Session VII. New TAVR Technology – TAVR Systems I**

**Moderators:** Vinod H. Thourani, Thomas Walther

**Digital Moderator:** Stephen J.D. Brecker

**Discussants:** Ronald K. Binder, G. Michael Deeb, Helge Möllmann, Hendrik Treede, E. Murat Tuzcu, Mathew Williams

**Digital Panelists:** Sameer Gafoor, Georges Ghanem, Jay S. Giri

2:00 PM -  
2:25 PM

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**EVOLUT R, ENGAGER, and Accessory Devices**

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2:00 PM      **EVOLUT R - Technology Review, Clinical Results, and Case Examples**  
Mathew Williams

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2:13 PM      **Discussion**

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2:15 PM      **ENGAGER - Technology Review, Clinical Results, and Case Examples**  
Hendrik Treede

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2:23 PM      **Discussion**

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2:25 PM -  
2:50 PM

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**SAPIEN 3, CENTERA, and Accessory Devices**

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2:25 PM      **SAPIEN 3 - Technology Review, Clinical Results, and Case Examples**  
Vinod H. Thourani

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2:38 PM      **Discussion**

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2:40 PM      **CENTERA- Technology Review, Clinical Results, and Case Examples**  
Karl-Heinz Kuck

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2:48 PM      **Discussion**

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2:50 PM -  
3:05 PM

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**ACURATE**

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2:50 PM      **ACURATE - Technology Review, Clinical Results, and Case Examples**  
Helge Möllmann

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3:03 PM      **Discussion**

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3:05 PM -  
3:20 PM

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**Direct Flow Medical**

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3:05 PM      **Direct Flow Medical - Technology Review, Clinical Results (DISCOVER), Case Examples, and Status of the US Clinical Trial**  
E. Murat Tuzcu

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3:18 PM      **Discussion**

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**3:20 PM - 4:50 PM**

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**Session VIII. New TAVR Technology – TAVR Systems II**

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**Moderators:** Ganesh Manoharan, Nicolo Piazza

**Digital Moderator:** Brij Maini

**Discussants:** Haim Danenberg, Stephan M. Ensminger, Run-Lin Gao, Christian Hengstenberg, Raj Makkar, Ian T. Meredith

**Digital Panelists:** Kishore J. Harjai, Iqbal Malik

3:20 PM -  
3:35 PM

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**Portico**

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3:20 PM      **Portico - Technology Review, Clinical Results, Case Examples, and Status of the US Clinical Trial**  
Ganesh Manoharan

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3:33 PM      **Discussion**

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3:35 PM -  
3:50 PM

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**JenaValve**

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3:35 PM      **JenaValve - Technology Review, Clinical Results (JUPITER), AR Applications, and Case Examples**  
Hendrik Treede

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3:48 PM      **Discussion**

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3:50 PM -  
4:05 PM

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**Lotus**

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3:50 PM      **Lotus Valve - Technology Review and Status of the US Clinical Trial**  
Ted E. Feldman

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3:55 PM      **TCT 696: One-Year Outcomes with the Fully Repositionable and Retrievable Lotus? Transcatheter Aortic Replacement Valve in 120 High-Risk Surgical Patients with Severe Aortic Stenosis: Results from the**

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**REPRISE II CE-Mark Study**

Ian T. Meredith

4:03 PM **Discussion**4:05 PM -  
4:50 PM**Early Stage New TAVR Systems**4:05 PM **VENUS A Valve - Technology Review and Case Examples**  
Horst Sievert4:10 PM **VENUS A Valve - Clinical Results (Particularly in Bicuspid Valves)**  
Horst Sievert4:15 PM **Colibri Valve - Technology Review, FIM Experience, and Case Examples**  
Bernard R. Chevalier4:20 PM **Inovare Valve - Technology Review, Clinical Results, and Case Examples**  
Diego Gaia4:25 PM **Trinity Valve – Technology Review, Clinical Results, and Case Examples**  
Christian Hengstenberg4:30 PM **Valve Medical – Technology Review**  
Martin B. Leon4:35 PM **Thubikar Valve – Technology Review**  
Susheel Kodali4:40 PM **Syntheon Valve – Technology Review**  
Pedro Martinez-Clark4:45 PM **Discussion****4:50 PM - 6:09 PM****Session IX. New TAVR Technology – Accessory Devices****Moderators:** Augusto D. Pichard, Alec S. Vahanian**Digital Moderator:** Haim Danenberg**Discussants:** Vasilis Babaliaros, Susheel Kodali, Martin B. Leon, Wesley R. Pedersen, Thomas Walther**Digital Panelists:** Graham A. Cassel, Christian Hengstenberg, Alexandra J. Lansky4:50 PM -  
5:00 PM**New Aortic Valvuloplasty Technologies**4:50 PM **An Update of New Aortic Valvuloplasty and Valve Remodeling Technologies**  
Martin B. Leon4:58 PM **Discussion**5:00 PM -  
5:10 PM**Cerebral Embolic Protection Devices**5:00 PM **Embrella Deflector Device -Technology Overview and Clinical Trial Status (Pilot Phase of PROTAVI C and Beyond)**  
Alec S. Vahanian5:08 PM **Discussion**5:10 PM -  
5:35 PM**Sentinel Dual Filter Device**5:10 PM **Technology Overview and Status of the CLEAN-TAVI Randomized Trial**  
Martin B. Leon5:18 PM **Introduction to the US FDA-Approved Sentinel TAVR Safety and Efficacy Study**  
Susheel Kodali5:23 PM **Discussion**5:25 PM **Keystone Deflector Device - Technology Overview and Clinical Trial Status (DEFLECT I and Other Trials)**  
Alexandra J. Lansky5:33 PM **Discussion**5:35 PM -  
5:57 PM**Transfemoral and Transapical Access-Site Management**5:35 PM **Landscape Highlights of New Transfemoral Access-Closure Devices**

Alexandre Abizaid

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5:45 PM      **Landscape Highlights of New Transapical Access-Closure Devices**  
Thomas Walther

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5:55 PM      **Discussion**

5:57 PM -  
6:09 PM

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**Dedicated Guidewires and Sheaths**

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5:57 PM      **New Dedicated Guidewires for TAVR**  
Wesley R. Pedersen

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6:02 PM      **Novel Sheath Technology for TAVR**  
Hemal Gada

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6:07 PM      **Discussion**

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**International Session: Complex ACS, Diabetes**

Accreditation: CME

Monday, September 15

8:00 AM - 9:00 AM

Room: Lower Level, Presentation Theater 2

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**8:00 AM - 8:30 AM**

**Session I. South Korea Presents to Bangladesh**

**Moderators:** Taehoon Ahn, Afzalur Rahman, Harvey D. White

**Discussants:** Jang-Whan Bae, Sufia Rahman, Eun-Seok Shin, A P M Sohrabuzzaman

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8:00 AM      **Case #1: Pulmonary Edema and NSTEMI Due to Left Main Stenosis with Diabetes and Kidney Disease**  
**Case Presenter:** Jang-Whan Bae

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8:05 AM      **How Would I Treat This Patient?**  
Sufia Rahman

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8:10 AM      **How Did I Treat This Patient?**  
**Case Presenter:** Jang-Whan Bae

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8:17 AM      **Roundtable Discussion with Audience Q&A**

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8:25 AM      **Consensus and Take-home Messages**  
Taehoon Ahn

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**8:30 AM - 9:00 AM**

**Session II. Bangladesh Presents to South Korea**

**Moderators:** Taehoon Ahn, Afzalur Rahman, Harvey D. White

**Discussants:** Jang-Whan Bae, Sufia Rahman, Eun-Seok Shin, A P M Sohrabuzzaman

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8:30 AM      **Case #2: Complex Triple Vessel Disease with ACS and Diabetes**  
**Case Presenter:** Afzalur Rahman

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8:35 AM      **How Would I Treat This Patient?**  
Eun-Seok Shin

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8:40 AM      **How Did I Treat This Patient?**  
**Case Presenter:** Afzalur Rahman

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8:47 AM      **Roundtable Discussion with Audience Q&A**

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8:55 AM      **Consensus and Take-home Messages**  
Afzalur Rahman

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**International Session: Technical Issues in Complex Interv.**

Accreditation: CME



Monday, September 15

8:00 AM - 9:00 AM

Room: Lower Level, Presentation Theater 1

**8:00 AM - 8:30 AM**

**Session I. GISE Presents to CSANZ**

**Moderators:** Oscar A. Mendiz, Gennaro Sardella, Stephen G. Worthley

**Discussants:** Sergio Berti, Gian Battista Danzi, Ugo Limbruno, Fabrizio Tomai, Darren L. Walters

8:00 AM      **Case #1: STEMI: Primary PCI with Large Thrombus Burden**  
**Case Presenter:** Ugo Limbruno

8:05 AM      **How Would I Treat This Patient?**  
Peter Barlis

8:10 AM      **How Did I Treat This Patient?**  
**Case Presenter:** Ugo Limbruno

8:17 AM      **Roundtable Discussion with Audience Q&A**

8:25 AM      **Consensus and Take-home Messages**  
Gennaro Sardella

**8:30 AM - 9:00 AM**

**Session II. CSANZ Presents to GISE**

**Moderators:** Oscar A. Mendiz, Gennaro Sardella, Stephen G. Worthley

**Discussants:** Sergio Berti, Gian Battista Danzi, Ugo Limbruno, Fabrizio Tomai, Darren L. Walters

8:30 AM      **Case #2: Management of TAVI Complications**  
**Case Presenter:** David W.M. Muller

8:35 AM      **How Would I Treat This Patient?**  
Francesco Bedogni

8:40 AM      **How Did I Treat This Patient?**  
**Case Presenter:** David W.M. Muller

8:47 AM      **Roundtable Discussion with Audience Q&A**

8:52 AM      **Consensus and Take-home Messages**  
Sergio Berti, Stephen G. Worthley

**International Session: TAVI After Cardiac Surgery**

Accreditation: CME

Monday, September 15

9:00 AM - 10:00 AM

Room: Lower Level, Presentation Theater 1

**9:00 AM - 9:30 AM**

**Session I. Portugal Presents to Brazil**

**Moderators:** Andrea Abizaid, Marco A. Costa, Helio Roque Figueira, Helder Horta Pereira, Mathew Williams

**Discussants:** Vasco Gama Ribeiro, Pedro A. Lemos, Lino Patrício

9:00 AM      **Case #1: A Patient with LV Dysfunction, Homograft Failure, and Progressive Coronary Artery Disease After Bypass Surgery and Mitral Repair**  
**Case Presenter:** Rui Campante Teles

9:05 AM      **How Would I Treat This Case?**  
Pedro Canas da Silva

9:10 AM      **How Did I Treat This Case?**  
**Case Presenter:** Rui Campante Teles

9:18 AM      **Roundtable Discussion with Audience Q&A**

9:25 AM      **Consensus and Take-home Messages**  
Marco A. Costa

**9:30 AM - 10:00 AM**

**Session II. Brazil Presents to Portugal**

**Moderators:** Andrea Abizaid, Marco A. Costa, Helio Roque Figueira, Helder Horta Pereira, Mathew Williams  
**Discussants:** Vasco Gama Ribeiro, Pedro A. Lemos, Lino Patricio

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9:30 AM	<b>Case #2: A Patient with Two Previous Cardiac Surgeries and a Degenerated Aortic Bioprosthesis</b> <b>Case Presenter:</b> Rogerio Sarmento-Leite
9:35 AM	<b>How Would I Treat This Case?</b> Jose Armando Mangione
9:40 AM	<b>How Would I Treat This Case?</b> <b>Case Presenter:</b> Rogerio Sarmento-Leite
9:47 AM	<b>Roundtable Discussion with Audience Q&amp;A</b>
9:55 AM	<b>Consensus and Take-home Messages</b> Alexandre Abizaid

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### International Session: Two Truly Difficult Cases

Accreditation: CME

Monday, September 15

9:00 AM - 10:00 AM

Room: Lower Level, Presentation Theater 2

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#### 9:00 AM - 9:30 AM

#### Session I. Saudi Arabia Presents to Tunisia

**Moderators:** Thierry Corcos, Habib Gamra, Christopher J J. White  
**Discussants:** Ali Al Masood, Kais Battikh

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9:00 AM	<b>Case #1: A Degenerative Aortic Valve</b> <b>Case Presenter:</b> Mohammed Balghith
9:05 AM	<b>How Would I Treat This Patient?</b> Kais Battikh
9:10 AM	<b>How Did I Treat This Patient?</b> <b>Case Presenter:</b> Mohammed Balghith
9:17 AM	<b>Roundtable Discussion with Audience Q&amp;A</b>
9:25 AM	<b>Consensus and Take-home Messages</b>

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#### 9:30 AM - 10:00 AM

#### Session II. Tunisia Presents to Saudi Arabia

**Moderators:** Thierry Corcos, Habib Gamra, Christopher J J. White  
**Discussants:** Ali Al Masood, Kais Battikh

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9:30 AM	<b>Case #2: A Coronary Dissection Extending to the Ascending Aorta</b> <b>Case Presenter:</b> Dhaker LAHIDHEB
9:35 AM	<b>How Would I Treat This Patient?</b> Ali Al Masood
9:40 AM	<b>How Did I Treat This Patient?</b> <b>Case Presenter:</b> Dhaker LAHIDHEB
9:47 AM	<b>Roundtable Discussion with Audience Q&amp;A</b>
9:55 AM	<b>Consensus and Take-home Messages</b> Habib Gamra

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### International Session: Challenging Aortic Cases

Accreditation: CME

**10:00 AM - 10:30 AM**

**Session I. Colombia Presents to Venezuela: Treatment of Aortic Pseudoaneurysms**

**Moderators:** Jose A. Condado, Jorge Villegas  
**Discussants:** Carlos D Calderas, Carlos Collet, Antonio Enrique Dager, Sergio Humberto Vasquez

10:00 AM      **Case #1: A Patient with a Postsurgical Aortic Pseudoaneurysm**  
**Case Presenter:** Sergio Humberto Vasquez

10:07 AM      **How Would I Treat This Patient?**  
Carlos Collet

10:14 AM      **How Did I Treat This Patient?**  
**Case Presenter:** Sergio Humberto Vasquez

10:21 AM      **Roundtable Discussion and Audience Q&A**

**10:30 AM - 11:00 AM**

**Session II. Venezuela Presents to Colombia: Treatment of Aortic Arch Aneurysms**

**Moderators:** Jose A. Condado, Jose de Ribamar Costa Jr, Jorge Villegas  
**Discussants:** Carlos D Calderas, Carlos Collet, Antonio Enrique Dager, Sergio Humberto Vasquez

10:30 AM      **Case #2: A Multisaccular Aortic Arch Aneurysm Associated with a Kommerell Diverticulum**  
**Case Presenter:** Carlos D Calderas

10:37 AM      **How Would I Treat This Patient?**  
Jorge Villegas

10:44 AM      **How Did I Treat This Patient?**  
**Case Presenter:** Carlos D Calderas

10:51 AM      **Roundtable Discussion and Audience Q&A**

**11:00 AM - 11:30 AM**

**Session III. Colombia Presents to Venezuela: The Nonsurgical Patient with Aortic Stenosis and No Peripheral Arterial Access**

**Moderators:** Jose A. Condado, Jorge Villegas  
**Discussants:** Carlos D Calderas, Carlos Collet, Antonio Enrique Dager, Sergio Humberto Vasquez

11:00 AM      **Case #3: A Patient with Aortic Stenosis, Occlusion of the Iliac and Subclavian Arteries, and a Porcelain Aorta**  
**Case Presenter:** Antonio Enrique Dager

11:07 AM      **How Would I Treat This Patient?**  
Carlos Collet

11:14 AM      **How Did I Treat This Patient?**  
**Case Presenter:** Antonio Enrique Dager

11:21 AM      **Roundtable Discussion and Audience Q&A**

**11:30 AM - 12:00 PM**

**Session IV. Venezuela Presents to Colombia: Treatment of Ruptured Aneurysms**

**Moderators:** Jose A. Condado, Jorge Villegas  
**Discussants:** Carlos D Calderas, Carlos Collet, Antonio Enrique Dager, Sergio Humberto Vasquez

11:30 AM      **Case #4: A Patient with a Ruptured Thoracoabdominal Aneurysm**  
**Case Presenter:** Carlos D Calderas

11:37 AM      **How Would I Treat This Patient?**  
Jorge Villegas

11:44 AM      **How Did I Treat This Patient?**  
**Case Presenter:** Carlos D Calderas

11:51 AM      **Roundtable Discussion and Audience Q&A**

**International Session: Complex Intervention Case Sharing**

Accreditation: CME

Monday, September 15  
10:00 AM - 12:00 PM  
Room: Lower Level, Presentation Theater 1

**10:00 AM - 10:30 AM**

**Session I. A Complex Bifurcation**

**Moderators:** Chris Kwok Yiu Wong, Alan C. Yeung, Robaayah Zambahari  
**Discussants:** Nahar Taufik, Wasan Udayachalerm

- 
- 10:00 AM      **Case #1: True Bifurcation: Treat with a Dedicated Bifurcation Stent or Two BRS?**  
                 **Case Presenter:** Kam-Tim Chan
- 
- 10:07 AM      **How Would I Treat This Patient?**  
                 Wasan Udayachalerm
- 
- 10:14 AM      **How Did I Treat This Patient?**  
                 **Case Presenter:** Kam-Tim Chan
- 
- 10:21 AM      **Roundtable Discussion with Audience Q&A**

**10:30 AM - 11:00 AM**

**Session II. A Complex Left Main Lesion**

**Moderators:** Chris Kwok Yiu Wong, Alan C. Yeung, Robaayah Zambahari  
**Discussants:** Nahar Taufik, Wasan Udayachalerm

- 
- 10:30 AM      **Case #2: High-Risk LM with Porcelain Aorta: Hemodynamic Support and/or a Hybrid Surgical Approach?**  
                 **Case Presenter:** Shaiful Azmi Bin Yahaya
- 
- 10:37 AM      **How Would I Treat This Patient?**  
                 Jose Nicolas M. Cruz
- 
- 10:44 AM      **How Did I Treat This Patient?**  
                 **Case Presenter:** Shaiful Azmi Bin Yahaya
- 
- 10:51 AM      **Roundtable Discussion with Audience Q&A**

**11:00 AM - 11:30 AM**

**Session III. A Complex CTO**

**Moderators:** Chris Kwok Yiu Wong, Alan C. Yeung, Robaayah Zambahari  
**Discussants:** Nahar Taufik, Wasan Udayachalerm

- 
- 11:00 AM      **Case #3: Single Catheter Retrograde Approach for CTO**  
                 **Case Presenter:** Aaron Wong
- 
- 11:07 AM      **How Would I Treat This Patient?**  
                 Nahar Taufik
- 
- 11:14 AM      **How Did I Treat This Patient?**  
                 **Case Presenter:** Aaron Wong
- 
- 11:21 AM      **Roundtable Discussion with Audience Q&A**

**11:30 AM - 12:00 PM**

**Session IV. A Complex Complication**

**Moderators:** Chris Kwok Yiu Wong, Alan C. Yeung, Robaayah Zambahari  
**Discussants:** Nahar Taufik, Wasan Udayachalerm

- 
- 11:30 AM      **Case #4: Massive Coronary Perforation with No Stent Grafts in the Lab**  
                 **Case Presenter:** Quang Ngoc Nguyen
- 
- 11:37 AM      **How Would I Treat This Patient?**  
                 Reginald I. Low
- 
- 11:44 AM      **How Did I Treat This Patient?**  
                 **Case Presenter:** Quang Ngoc Nguyen
- 
- 11:51 AM      **Roundtable Discussion with Audience Q&A**

Evening Symposium: Drug-Coated Balloons: Ready for Prime Time? Perspectives in Today's Clinical Environment (Sponsored by: Cardiovascular Research Foundation) (Supported by: Boston Scientific Corporation, B. Braun Interventional Systems, Inc., Covidien, Eurocor GmbH, Bard/Lutonix, and Medtronic, Inc.)

Accreditation: CME

Monday, September 15

6:00 PM - 7:45 PM

Room: Marriott Marquis: Level M2, Marquis Ballroom, Salon 5

**6:15 PM - 7:45 PM**

**Drug-Coated Balloons: Ready for Prime Time? Perspectives in Today's Clinical Environment**

**Chairs:** Juan F. Granada, Bruno Scheller, Gregg W. Stone

**Discussants:** Fernando Alfonso, Alex Au-Yeung, Michael Boxberger, William A. Gray, Abtihal Raji-Kubba, Mark A. Turco, Thomas Zeller

6:15 PM

**Emerging Technological Concepts, Clinical Applications, and Remaining Challenges of DCB Technologies**

Juan F. Granada

6:25 PM

**Panel Discussion**

6:35 PM

**Levels of Technical Efficacy and Clinical Evidence Required to Increase Physician Adoption for Coronary Indication: A Roundtable Discussion**

Gregg W. Stone

6:45 PM -  
7:25 PM

**Does the Data Support the Use of DCB in Complex Clinical Cases?**

6:45 PM

**Endovascular Perspective**

Thomas Zeller

6:55 PM

**Panel Discussion**

7:05 PM

**Coronary Perspective**

Fernando Alfonso

7:15 PM

**Panel Discussion**

7:25 PM -  
7:45 PM

**DCB in the Real World: Clinical Efficacy, Evidence, and Reimbursement: Defining Appropriate Thresholds**

7:25 PM

**Industry Roundtable Discussion**

**Evening Symposium: Transcatheter Valve Therapies: Strategic Insights and the "Next Wave" (Sponsored by Cardiovascular Research Foundation) (Supported by Edwards Lifesciences)**

Monday, September 15

6:00 PM - 7:50 PM

Room: Marriott Marquis: Level M4, Liberty Ballroom, Salons M-P

**6:15 PM - 7:50 PM**

**Transcatheter Valve Therapies: Strategic Insights and the "Next Wave"**

**Chairs:** Susheel Kodali, Vinod H. Thourani

**Discussants:** Vasilis Babaliaros, Martin B. Leon, Michael J. Mack, Christian Spies  
Ronald K. Binder

6:15 PM

**Welcome and Introductions**

Susheel Kodali, Vinod H. Thourani

6:20 PM -  
7:05 PM

**STRATEGIC INSIGHTS**

6:20 PM

**Reflections on TAVR: Accomplishments and a Roadmap for the Future**

Martin B. Leon

6:28 PM

**Panel Discussion**

6:30 PM

**Minimalist Transfemoral TAVR Is the New Standard of Care!**

Vasilis Babaliaros

6:38 PM

**Panel Discussion**

6:40 PM

**Efficient and Cost-effective TAVR – "Must-Have, How-to" Guidelines**

Christian Spies

6:55 PM

**Panel Discussion**

**Moderator:** Michael J. Mack

7:05 PM -  
7:45 PM

### THE NEXT WAVE

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7:05 PM	<b>New Self-Expanding Transcatheter Valve Innovations</b> Ronald K. Binder
7:13 PM	<b>Panel Discussion</b>
7:15 PM	<b>"Eliminating" Paravalvular Regurgitation – Next-Generation Balloon-Expandable Transcatheter Valves</b> Susheel Kodali
7:23 PM	<b>Panel Discussion</b>
7:25 PM	<b>Transcatheter Mitral Valve Replacement: Promise and Challenges</b> Vinod H. Thourani
7:35 PM	<b>Panel Discussion</b> <b>Moderator:</b> Michael J. Mack

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7:45 PM	<b>Closing Remarks and Adjourn</b> Susheel Kodali, Vinod H. Thourani
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### Evening Symposium: BRS and Vascular Reparative Therapy: The "Fourth Revolution" in PCI (Sponsored by Cardiovascular Research Foundation) (Supported by Abbott Vascular)

Accreditation: CME

Monday, September 15

6:15 PM - 7:45 PM

Room: Marriott Marquis: Level M4, Liberty Ballroom, Salons I-L

**6:15 PM - 7:45 PM**

#### **BRS and Vascular Reparative Therapy**

**Chairs:** Dean J. Kereiakes, Gregg W. Stone

**Discussants:** Stephen G. Ellis, Patrick W. Serruys, Stephan Windecker

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6:15 PM	<b>Why are Bioresorbable Scaffolds Needed? Limitations of Metallic DES</b> <b>Discussant:</b> Stephen G. Ellis
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6:30 PM	<b>Pathophysiological Advantages of BRS vs Metallic Stent Platforms</b> Dean J. Kereiakes
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6:45 PM	<b>ABSORB II: Essential Lessons from the 1-Year Data</b> Patrick W. Serruys
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7:00 PM	<b>The ABSORB III-IV Trials: What Will We Learn?</b> Gregg W. Stone
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7:15 PM	<b>Lessons from Observational Studies and Real-World Experiences</b> <b>Discussant:</b> Stephan Windecker
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7:30 PM	<b>Panel Discussion with Audience Q&amp;A</b>
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### Evening Symposium: Oral Antiplatelet Therapies for Acute Coronary Syndromes: State-of-the-Art Management (Sponsored by Voxmedia) (Supported by AstraZeneca Pharmaceuticals LP)

Accreditation: CME

Monday, September 15

6:30 PM - 8:00 PM

Room: Marriott Marquis: Level M4, Independence Ballroom, Salons A-E

**6:30 PM - 8:00 PM**

#### **Oral Antiplatelet Therapies for Acute Coronary Syndromes**

**Chair:** Deepak L. Bhatt

**Discussants:** Paul A. Gurbel, Robert A. Harrington, Ajay J. Kirtane, Manesh R. Patel, Marc Sabatine, Philippe Gabriel Steg

6:30 PM -  
7:15 PM

### Contemporary Management of ACS with Oral Antiplatelet Therapies

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6:30 PM	<b>Introduction</b> Deepak L. Bhatt
6:35 PM	<b>Insights on Clopidogrel</b> Deepak L. Bhatt
6:45 PM	<b>Insights on Prasugrel</b> Philippe Gabriel Steg
6:55 PM	<b>Insights on Ticagrelor</b> Robert A. Harrington
7:05 PM	<b>Antiplatelet Therapy: Long-term Management Post-ACS</b> Marc Sabatine

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7:15 PM -  
7:45 PM

### Case Studies

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7:15 PM	<b>Case 1</b> <b>Case Presenter:</b> Ajay J. Kirtane
7:25 PM	<b>Case 2</b> <b>Case Presenter:</b> Paul A. Gurbel
7:35 PM	<b>Case 3</b> <b>Case Presenter:</b> Manesh Patel

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7:45 PM

### Q&A

## Hot Topic Lunch: Circ: Top Abstract Presentations

Accreditation: CME/CNE

Monday, September 15  
12:15 PM - 1:45 PM  
Room: Level 1, Room 145B

**12:15 PM - 1:45 PM**

### Circulation: Cardiovascular Interventions: Top Oral Abstract Presentations to the Editors

**Moderator:** David P. Faxon

**Discussants:** J. Dawn Abbott, Theodore A. Bass, David O. Williams

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12:15 PM	<b>TCT 102: Incidence of Angina and Chest Pain Following Percutaneous Coronary Intervention: A Retrospective Analysis Using Administrative Claims Data in the United States</b> Ori Ben-Yehuda
12:25 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>
12:30 PM	<b>TCT 86: Quantification and Impact of the Proportion of Coronary Disease Burden Treated by Percutaneous Coronary Intervention: The SYNTAX Revascularization Index</b> Philippe G�n�reux
12:40 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>
12:45 PM	<b>TCT 16: Index of Microcirculatory Resistance as an Early Predictive Factor of LV Remodeling After Reperfused Myocardial Infarction</b> Marc Sirol, MD
12:55 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>
1:00 PM	<b>TCT 367: Two-Year Sequential OCT Follow-up Findings and 3-Year Clinical Outcomes of the New Dual Therapy Endothelial Progenitor Cell Capturing Sirolimus-Eluting COMBO Stent: The EGO-COMBO Study</b> Stephen Wai Luen Lee, MD
1:10 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>
1:15 PM	<b>TCT 614: Detailed Morphologic Characterization of the Strut Composition Following Absorb Scaffold Placement in a Porcine Coronary Artery Model Through 48 Months</b> Fumiyuki Otsuka, MD

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1:25 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>
1:30 PM	<b>TCT 407: Evaluation of the Acute and Long-term Renal Artery Reinnervation Attempt Response Following Catheter-Based Renal Denervation in a Swine Model: An Immunohistochemical Characterization</b> Armando Tellez, MD
1:40 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>

### Hot Topic Lunch: A-fib: Treatment Options

Accreditation: CME/CNE

Monday, September 15  
1:00 PM - 2:00 PM  
Room: Level 1, Room 144B

<b>1:00 PM - 2:00 PM</b>	<b>Atrial Fibrillation: Treatment Options</b>
	<b>Moderator:</b> Matthew J. Price <b>Discussants:</b> Dominick J. Angiolillo, Shephal Doshi, Michael D. Ezekowitz, Jonathan L. Halperin
1:00 PM	<b>Bleeding and Stroke Risk Assessment in Atrial Fibrillation: Choosing between Warfarin, NOACS, Antiplatelets, or Nothing?</b> Michael D. Ezekowitz
1:11 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>
1:15 PM	<b>The Triple Therapy Conundrum: Treatment of the PCI Patient with Atrial Fibrillation</b> C. Michael Gibson
1:26 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>
1:30 PM	<b>Shifting the Treatment Paradigm with LAA Closure: Efficacy, Complications, and Future Challenges</b> Matthew J. Price
1:41 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>
1:45 PM	<b>Putting it All Together: Anticoagulants, Rhythm Control, and LAA Closure – Which Therapy for Which Patient?</b> Shephal Doshi
1:56 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>

### Hot Topic Lunch: ACC Fellows Session 3: Valve Ds.

Accreditation: CME/CNE

Monday, September 15  
1:00 PM - 2:00 PM  
Room: Level 2, Room 208A/B

<b>1:00 PM - 2:00 PM</b>	<b>Valvular Heart Disease Year-in-Review</b>
	<b>Moderators:</b> Blase A. Carabello, George D. Dangas <b>Discussants:</b> Athena Poppas, Stephen R. Ramee, Robert J. Siegel
1:00 PM	<b>Guideline Update: Aortic and Mitral Valve Disease and the 2014 AHA/ACC Guideline for Valvular Heart Disease</b> Patrick T. O'Gara
1:10 PM	<b>TAVR Update: FDA-Approved Valve Systems</b> Alan C. Yeung
1:20 PM	<b>TAVR On the Horizon: Emerging TAVR Platforms and Technologies</b> Lutz Buellesfeld
1:30 PM	<b>Controversies in Aortic Valve Disease: Challenging Clinical Scenarios (Asymptomatic AS, Low-Flow Low-Gradient AS, and Concomitant CAD)</b> Blase A. Carabello
1:40 PM	<b>MitraClip: Current Application and Future Directions</b> Michael J. Rinaldi



1:50 PM **Roundtable Discussion with Audience Q&A**

### Hot Topic Lunch: Interventional Echo Part 1: TAVR

Accreditation: CMECNE

Monday, September 15  
1:00 PM - 2:00 PM  
Room: Level 1, Room 145A

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

#### **Echocardiographic Imaging for TAVR: Seeing Is Believing**

**Moderators:** Sherif F. Nagueh, Neil J. Weissman

**Discussants:** Linda D. Gillam, Stephen H. Little, Philippe Pibarot, Ralph Stephan von Bardeleben

1:00 PM

**Preprocedural Imaging: The Landing Zone (Including the Annulus)**  
Stephen H. Little

1:10 PM

**Ideal Transcatheter Valve Positioning (for Self-Expanding and Balloon-Expandable Valves)**  
Linda D. Gillam

1:20 PM

**Intraprocedural Assessment and Treatment of Paravalvular Regurgitation**  
Stamatios Lerakis

1:30 PM

**Imaging Acute Hemodynamic Emergencies**  
Linda D. Gillam

1:40 PM

**Post-TAVR Valve Assessment: Can We Improve Our Accuracy?**  
Philippe Pibarot

1:50 PM

**Roundtable Discussion with Audience Q&A**

### Hot Topic Lunch: Radiation Course, Module 3

Accreditation: CMECNE

Monday, September 15  
1:00 PM - 2:30 PM  
Room: Level 1, Room 142

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

#### **Patient Safety**

1:00 PM

**Pretest**  
Stephen Balter

1:10 PM

**Patient Radiation Management**  
Charles E. Chambers

1:55 PM

**Module 3 Exam**  
Donald L. Miller

2:05 PM

**Discussion and Poster Viewing**  
Donald L. Miller

### Hot Topic Lunch: Valve Procedures: Hybrid Approach

Accreditation: CMECNE

Monday, September 15  
1:00 PM - 2:00 PM  
Room: Level 1, Room 144C

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

#### **Interventional, Surgical, and Hybrid Coronary Procedures: Case Studies in Conflict and Consensus**

**Moderators:** Ajay J. Kirtane, David Taggart

**Discussants:** Didier F. Loulmet, David J. Maron, Robert E. Michler, Guillermo Torre-Amione, David X. Zhao

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1:00 PM	<b>Case Presentation: An Asymptomatic Patient with a Positive Stress Test and Focal Three Vessel Disease</b> <b>Case Presenter:</b> Molly Szerlip
1:03 PM	<b>Prediscussion Vote: How Would the Audience Treat?</b> <b>Moderator:</b> Ajay J. Kirtane
1:06 PM	<b>This Patient Should Have a Traditional CABG!</b> David Taggart
1:13 PM	<b>PCI Is Just as Good as CABG for This Patient but Lower Risk!</b> Ajay J. Kirtane
1:20 PM	<b>Combine the Best of Both Worlds: Hybrid Revascularization!</b> David X. Zhao
1:27 PM	<b>Forget Hybrid Do the Whole Thing Robotically!</b> Michael J. Davidson
1:34 PM	<b>Where's the Data for Any of This? Medical Therapy First Is Most Appropriate!</b> David J. Maron
1:41 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>
1:53 PM	<b>Postdiscussion Vote: How Would the Audience Treat?</b> <b>Moderator:</b> Ajay J. Kirtane
1:56 PM	<b>Case Presentation Conclusion: How and Why Did We Treat? What Were the Outcomes?</b> <b>Case Presenter:</b> Molly Szerlip

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## Learn the Technique: Complex Congenital Interventions

Accreditation: CME

Monday, September 15

1:00 PM - 2:00 PM

Room: Level 1, Room 143A

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

### Complex Congenital Interventions

**Moderators:** Ziyad M. Hijazi, John F. Rhodes

**Discussants:** Elchanan Bruckheimer, Roberto J Cubeddu, Damien P. Kenny, Larry A. Latson

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1:00 PM	<b>Branch Pulmonary Artery in the Adult Patient: Etiology, Evaluation, and Management</b> Damien P. Kenny
1:10 PM	<b>An Illustrative Case of Branch Pulmonary Artery Stenosis</b> <b>Case Presenter:</b> Damien P. Kenny
1:20 PM	<b>Atrial Septal Defects: Evaluation and Management of the Adult with Pulmonary Hypertension</b> John F. Rhodes
1:30 PM	<b>An Illustrative ASD Case</b> <b>Case Presenter:</b> Roberto J Cubeddu
1:40 PM	<b>Coronary Arteriovenous Fistulae: Assessment and Interventional Decisions</b> Elchanan Bruckheimer
1:50 PM	<b>An Illustrative Coronary Arteriovenous Fistulae Case</b> <b>Case Presenter:</b> Larry A. Latson

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## Learn the Technique: Nuts & Bolts of IVUS & OCT

Accreditation: CME

Monday, September 15  
1:00 PM - 2:00 PM  
Room: Level 1, Room 143B

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

**Nuts and Bolts of IVUS and OCT**

**Moderators:** Ziad A. Ali, Giulio Guagliumi, Gary S. Mintz

- 
- 1:00 PM      **Top Ten List for IVUS Diagnosis and Procedural Guidance**  
John McB. Hodgson
- 
- 1:10 PM      **Case #1: IVUS Guidance of Left Main PCI**  
**Case Presenter:** Ning Guo
- 
- 1:20 PM      **Case #2: Spontaneous Coronary Dissection**  
**Case Presenter:** Erick Schampaert
- 
- 1:30 PM      **Case #3: OCT Evaluation of Stent Failure**  
**Case Presenter:** Soo-Jin Kang
- 
- 1:40 PM      **Case #4: OCT in Acute Coronary Syndrome**  
**Case Presenter:** Jose M. de la Torre Hernandez
- 
- 1:50 PM      **Top Ten List for OCT Diagnosis and Procedural Guidance**  
Ziad A. Ali

**Learn the Technique: Primary PCI & Cardiogenic Shock**

Accreditation: CME

Monday, September 15  
1:00 PM - 2:00 PM  
Room: Level 1, Room 144A

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

**Acute Infarct Angioplasty and Cardiogenic Shock**

**Moderators:** Emmanouil S. Brilakis, Jose P.S. Henriques, Stefan K. James, Keith G. Oldroyd, Thomas D. Stuckey

- 
- 1:00 PM      **Case #1: Targeting Massive Thrombus in Cardiogenic Shock**  
**Case Presenter:** Goran K. Olivecrona
- 
- 1:12 PM      **Case #2: Thrombus and an Open Infarct Artery: A Case for Deferred**  
**Case Presenter:** Henning Kelbaek
- 
- 1:24 PM      **Case #3: Identification of the Acute Culprit and Treatment of MVD in Cardiogenic Shock**  
**Case Presenter:** Holger Thiele
- 
- 1:36 PM      **Case #4: Hemodynamic Support Decisions in Cardiogenic Shock**  
William W. O'Neill
- 
- 1:48 PM      **Case #5: Resuscitated Out-of-Hospital Cardiac Arrest**  
**Case Presenter:** Colin M. Barker

**Learn the Technique: Transseptal Puncture**

Accreditation: CME

Monday, September 15  
1:00 PM - 2:00 PM  
Room: Level 1, Room 143C

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

**Transseptal Puncture**

**Moderators:** Samir R. Kapadia, Saibal Kar, Ramon Quesada  
**Discussants:** Carlos E. Ruiz, Brian K. Whisenant

- 
- 1:00 PM      **Basic Technique of Transseptal Puncture**  
Ramon Quesada

1:10 PM	<b>Devices for Transseptal Puncture</b> Samir R. Kapadia
1:20 PM	<b>Complications of Transseptal Puncture: Recognition and Management</b> Carlos E. Ruiz
1:30 PM	<b>Case #1: Transseptal Puncture with MitraClip</b> <b>Case Presenter:</b> Saibal Kar
1:36 PM	<b>Discussion and Audience Q&amp;A</b>
1:40 PM	<b>Case #2: Transseptal Puncture for Left Atrial Appendage Closure</b> <b>Case Presenter:</b> Brian K. Whisenant
1:46 PM	<b>Discussion and Audience Q&amp;A</b>
1:50 PM	<b>Case #3: Overcoming Challenging Venous Anatomy</b> <b>Case Presenter:</b> Saibal Kar
1:56 PM	<b>Discussion and Audience Q&amp;A</b>

### International Debating Chamber 1

Accreditation: CME

Monday, September 15  
1:00 PM - 2:00 PM  
Room: Level 1, Room 103B

#### 1:00 PM - 1:30 PM **Debate #1. TAVR Should Be the Default Strategy for Almost All Patients with Aortic Stenosis**

**Moderator:** Simon Redwood

**Discussants:** Daniel J. Blackman, Ted E. Feldman, Ian T. Meredith, Michael J. Mullen, Augusto D. Pichard, Mark A. de Belder

1:00 PM **Pre-debate Vote: What Does the Audience Believe?**  
**Moderator:** Simon Redwood

1:03 PM **Pro: The Future Is Now!**  
Alain G. Cribier

1:11 PM **Con: The Future May Never Come!**  
Neil E. Moat

1:19 PM **Defiant Questions from the Panel**

1:27 PM **Post-debate Vote: Did We Change Any Minds?**  
**Moderator:** Simon Redwood

#### 1:30 PM - 2:00 PM **Debate #2. Paravalvular Leak Is No Longer an Issue in TAVR**

**Moderator:** Simon Redwood

**Discussants:** Daniel J. Blackman, Ted E. Feldman, Ian T. Meredith, Michael J. Mullen, Augusto D. Pichard, Mark A. de Belder

1:30 PM **Pre-debate Vote: What Does the Audience Believe?**  
**Moderator:** Simon Redwood

1:33 PM **Pro: A Problem No More!**  
David Hildick-Smith

1:41 PM **Con: Ignore Aortic Regurgitation at Your Own Risk!**  
Michael J. Mack

1:49 PM **Savage Questions From the Panel**

1:57 PM **Post-debate Vote: Did We Change Any Minds?**  
**Moderator:** Simon Redwood

Special Session: Eyes on Quality: How to Implement Quality Control Into Your Daily Practice (Co-sponsored by SCAI)

Accreditation: CME/CNE

Monday, September 15

12:00 PM - 1:00 PM

Room: Level 1, Room 149B

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

**Eyes on Quality: How to Implement Quality Control Into Your Daily Practice**

**Moderators:** Peter L. Duffy, Paul S. Teirstein

**Discussants:** Robert J. Applegate, Ralph G. Brindis, Manesh R. Patel

12:00 PM      **Understanding and Implementing AUC in Everyday Practice**  
Peter L. Duffy

12:12 PM      **Public Reporting: What You Need to Know**  
Ralph G. Brindis

12:24 PM      **MOC: What it Is and What it Means for You**  
Robert J. Applegate

12:36 PM      **Implementing Quality: The "Real Value" Formula**  
Peter L. Duffy

12:48 PM      **Roundtable Discussion with Audience Q&A**

**Special Session: The Impact of Health Reform on the Future of Cardiovascular Medicine**

Monday, September 15

12:15 PM - 1:45 PM

Room: Level 2, Room 204A/B/C

**12:15 PM - 1:45 PM**

**The Impact of Health Reform on the Future of Cardiovascular Medicine**

**Moderator:** Jack C. Lewin

**Discussants:** Patrick Conway, Chris Jennings, John Rother, Gail Wilensky

12:15 PM      **Welcome and Introductions**  
Jack C. Lewin

12:20 PM      **Perspective on the Coming Impact of Health Reform: A Leading Health Economist's View**  
Gail Wilensky

12:35 PM      **Perspective on the Impact of Health Reform on Business, Consumers, and Providers: The National Coalition on Health Care**  
John Rother

12:50 PM      **Perspective from CMS and CMMI**  
Patrick Conway

1:05 PM      **Perspective on the Politics of Reform**  
Chris Jennings

1:20 PM      **Roundtable Discussion with Audience Q&A**

1:40 PM      **Summary and Wrap-up**  
Jack C. Lewin

**Keynote Address by Former Secretary of State Hillary Rodham Clinton**

Monday, September 15

8:15 PM - 9:00 PM

Room: Level 3, Ballroom

**8:15 PM - 9:00 PM**

**Keynote Address by Former Secretary of State Hillary Rodham Clinton**

## FDA Town Hall Meeting - Day I

Monday, September 15  
2:00 PM - 6:00 PM  
Room: Level 2, Room 206

### 2:00 PM - 2:45 PM

#### Session I. The FDA Year in Review

**Moderators:** Matthew G. Hillebrenner, Martin B. Leon

**Digital Moderator:** Aaron V. Kaplan

**Discussants:** Michael Mahoney, William H. Maisel, Michael A. Mussallem, Azin Parhizgar, Sean Salmon, Chuck Simonton, Ron Waksman, Bram D. Zuckerman

**Digital Panelists:** Semih Oktay, John L. Petersen, Craig A. Thompson

2:00 PM      **Welcome and Introduction: Why the Town Hall Meetings are Important to the FDA**  
Matthew G. Hillebrenner

2:05 PM      **Keynote Lecture I: The New FDA-CDRH: Lessons Learned, Current Challenges, and Future Vision**  
William H. Maisel

2:20 PM      **Roundtable Discussion: Perspectives and Implications of FDA Changes for Clinical Research and Device Approval**

### 2:45 PM - 4:05 PM

#### Session II. Clinical Research in the United States – Challenges and Solutions

**Moderators:** Matthew G. Hillebrenner, Roxana Mehran

**Digital Moderator:** Aaron V. Kaplan

**Discussants:** Tony Blank, Donald Cutlip, Owen Faris, Robert A. Harrington, Jamey Jacobs, Jason R. Weidman, Bram D. Zuckerman

**Digital Panelists:** Somjot S. Brar, Tim A. Fischell, Richard R. Heuser

2:45 PM      **Keynote Lecture II: Clinical Research in the United States – Current Realities and How the Tide Can Turn**  
Robert A. Harrington

3:00 PM      **CDRH Efforts to Improve the Ecosystem for Clinical Trials**  
Owen Faris

3:08 PM      **Are We Ready for “Radical” Changes in Medical Device Clinical Trial Designs?**  
Robert M. Califf

3:16 PM      **The Medical Device Innovation Consortium (MDIC): FOCUS UPDATE**  
Michael Minogue

3:21 PM      **Statistical and Regulatory Challenges with “Big Data” and National Registries: Is Propensity Adjustment Enough? A Clinician’s Perspective**  
Robert M. Califf

3:28 PM      **Statistical and Regulatory Challenges with “Big Data” and National Registries: Is Propensity Adjustment Enough? FDA Considerations**  
Gregory Campbell

3:35 PM      **Roundtable Discussion: Addressing Clinical Research in the United States**

### 4:05 PM - 4:50 PM

#### Session III. The Revitalization of Early Human Studies in the United States – Progress and Remaining Hurdles

**Moderators:** Andrew Farb, Juan F. Granada

**Digital Moderator:** Donald Cutlip

**Discussants:** Ori Ben-Yehuda, Michael C. John, Aaron V. Kaplan, John C Laschinger, Semih Oktay, Sean Salmon, Craig A. Thompson, Renu Virmani

**Digital Panelist:** Douglas G. Fraser

4:05 PM      **Keynote Lecture III: Updates and Accomplishments of the New CDRH “Early Feasibility” Program**  
Andrew Farb

4:20 PM      **Roundtable Discussion for Stakeholders to “Reboot” the US Innovation Engine**

### 4:50 PM - 6:00 PM

#### Session IV. Regulation and Reimbursement: Impact on Innovation and the Rules of Engagement (FDA and CMS Working Hand-in-Hand?)

**Moderators:** Aaron V. Kaplan, Tamara Syrek Jensen

**Digital Moderator:** Donald Cutlip

**Discussants:** David J. Cohen, Alan G. Fraser, Karen A. Hicks, Louis B. Jacques, Murray Sheldon, Stephan Windecker, Bram D. Zuckerman

**Digital Panelists:** Mike Buck, James P. Zidar

4:50 PM      **Impact of the Affordable Care Act on Innovation: Effects of the New Reimbursement “Climate Change”**  
Jack C. Lewin

5:05 PM	<b>Regulation of Cardiovascular Devices in Europe: A Need for Change</b> Angeles Alonso Garcia
5:20 PM	<b>Keynote Lecture III: Future Challenges CMS Might Anticipate and Solutions They Might Consider</b> Louis B. Jacques
5:35 PM	<b>Roundtable Discussion: Regulation and Reimbursement Around the World: Viewpoints from FDA, Industry, and Thought Leaders</b>

### Maintenance of Certification (MOC) Course I

Monday, September 15  
8:00 AM - 9:30 AM  
Room: Level 1, Room 146B/C

<b>8:00 AM - 9:30 AM</b>	<b>Interventional Cardiology 2014 Update Module Review</b> <b>Moderators:</b> Tayo A. Addo, Emmanouil S. Brilakis
8:00 AM	<b>Welcome and Introduction</b> George D. Dangas
8:05 AM	<b>2014 Module Review</b> <b>Digital Moderator:</b> Jonathan Feig <b>Discussants:</b> Nicola Corvaja, Dmitry N. Feldman, Fernando Daniel Pastor

### Maintenance of Certification (MOC) Course II

Monday, September 15  
9:30 AM - 11:00 AM  
Room: Level 1, Room 146B/C

<b>9:30 AM - 11:00 AM</b>	<b>Interventional Cardiology 2013 Update Module Review</b> <b>Moderators:</b> Tayo A. Addo, Emmanouil S. Brilakis
9:30 AM	<b>Welcome and Introduction</b> George D. Dangas
9:35 AM	<b>2013 Update Module Review</b> <b>Digital Moderator:</b> Jonathan Feig <b>Discussants:</b> Sameer Bansilal, Nicola Corvaja, Elias Sanidas

### Breakfast Meeting: Building the Science of Drug-Coated Balloons (Sponsored by Covidien)

Monday, September 15  
6:30 AM - 8:00 AM  
Room: Level 1, Room 144C

<b>7:00 AM - 8:00 AM</b>	<b>Building the Science of Drug-Coated Balloons</b> <b>Discussants:</b> Juan F. Granada, Prakash Krishnan, Thomas Zeller
7:00 AM	<b>Introduction</b>
7:05 AM	<b>Coating Characterization and Tissue Effect</b> Juan F. Granada
7:21 AM	<b>Emerging DCB and Planned Clinical Program</b> Prakash Krishnan
7:37 AM	<b>Clinical and Economic Landscape for DCB Treatment</b>

Thomas Zeller

7:53 AM **Discussion and Audience Interaction**

**Breakfast Meeting: Evolution of the AngioSculpt Scoring Technology and Development of a Drug-Coated Scoring Balloon (Sponsored by AngioScore, Inc., a Spectranetics Company)**

Monday, September 15  
6:30 AM - 8:00 AM  
Room: Level 1, Room 146A

**7:00 AM - 8:00 AM Evolution of the AngioSculpt Scoring Technology**

**Discussants:** Gary Gershony, Martin B. Leon, Bruno Scheller, Gunnar Tepe, Craig M. Walker

7:00 AM **Welcome and Opening Remarks**  
Gary Gershony

7:05 AM **Role of the AngioSculpt Device in Complex Coronary Lesions and Prior to Bioresorbable Stent Implantation**  
Martin B. Leon

7:20 AM **Role of the AngioSculpt Device in the Treatment of Infrainguinal Peripheral Vascular Disease and a "Hybrid" Approach in ISR**  
Craig M. Walker

7:30 AM **Results from PATENT-C: A Randomized FIH Trial Evaluating a Drug-Coated AngioSculpt Scoring Balloon in Coronary ISR**  
Bruno Scheller

7:40 AM **Development of a Drug-Coated Peripheral Scoring Balloon and Design of a Randomized Clinical Trial**  
Gunnar Tepe

7:50 AM **Panel Discussion**

**Breakfast Meeting: Extreme Endovascular: Thrills, Chills, and Spills (Sponsored by Postgraduate Institute for Medicine) (Supported by Massachusetts General Hospital Institute for Heart, Vascular and Stroke Care)**

Accreditation: CME

Monday, September 15  
6:30 AM - 8:00 AM  
Room: Level 1, Room 145B

**7:00 AM - 8:00 AM Extreme Endovascular: Thrills, Chills, and Spills**

**Chair:** Douglas E. Drachman

**Discussants:** Michael R. Jaff, Christopher J. Kwolek, Kenneth Rosenfield, T. Gregory Walker, Ido Weinberg

7:00 AM **Introduction and Overview**  
Douglas E. Drachman

7:03 AM **The Thrill: The Subclavian Artery as a Gateway to the Heart – Emergency Revascularization in the Nick of Time! – Case Presentation/Panel Discussion**  
**Case Presenter:** Douglas E. Drachman

7:21 AM **The Chill: A Shower of Emboli, a Blue Toe, and an Intervention to Abort a Potentially Disastrous Course – Case Presentation/Panel Discussion**  
**Case Presenter:** T. Gregory Walker

7:39 AM **Spills: How General Esmarch Saved a Patient's Life – Multidisciplinary Care in Phlegmasia – Case Presentation/Panel Discussion**  
**Case Presenter:** Ido Weinberg

7:57 AM **Final Thoughts/Adjourn**  
Douglas E. Drachman



**Breakfast Meeting: FFRct: Noninvasive Anatomic and Functional Assessment of CAD (Sponsored by HeartFlow, Inc.)**

Monday, September 15  
6:30 AM - 8:00 AM  
Room: Level 1, Room 145A

**7:00 AM - 8:00 AM**

**FFRct: Noninvasive Anatomic and Functional Assessment of CAD**

**Chair:** Manesh R. Patel

**Discussants:** Evald H. Christiansen, Nick Curzen, Bernard De Bruyne, William F. Fearon, Daniel I. Simon

7:00 AM **Welcome and Introduction**

7:05 AM **Introduction to FFRct**  
Bernard De Bruyne

7:15 AM **Integration of HeartFlow FFRct Into Clinical Practice**  
William F. Fearon

7:25 AM **FFRct Case Reviews**  
**Case Presenters:** Evald H. Christiansen, Nick Curzen

7:40 AM **Is FFRct the Game Changer for Diagnosis of Coronary Artery Disease?**  
Daniel I. Simon

7:50 AM **Q&A and Panel Discussion**

**Breakfast Meeting: Management of Complex PCI Patients: Award Winning Case Presentations (Sponsored by Cardiovascular Research Foundation) (Supported by ABIOMED, Inc.)**

Monday, September 15  
6:30 AM - 8:00 AM  
Room: Level 1, Room 144B

**7:00 AM - 8:00 AM**

**Management of Complex PCI Patients**

**Chairs:** George D. Dangas, Theodore L. Schreiber, George W. Vetrovec

**Discussants:** Mark B. Anderson, Ramesh Daggubati, Tam Nguyen, Dagmar M. Ouweneel, Gaurav Tyagi

7:00 AM **Where There's a Will, There's a Way**  
**Case Presenter:** Gaurav Tyagi

7:15 AM **Q&A**

7:20 AM **Referral for Impella in Patient with Cardiogenic Shock After Acute Myocardial Infarction**  
**Case Presenter:** Dagmar M. Ouweneel

7:35 AM **Q&A**

7:40 AM **Maintaining Perfusion Pressure During Asystole With Impella 2.5**  
**Case Presenter:** Tam Nguyen

7:55 AM **Q&A**

**Breakfast Meeting: TAVR in Women: The Present and the Future (Sponsored by Society for Cardiovascular Angiography and Interventions (SCAI)) (Supported by Boston Scientific Corporation, Edwards Lifesciences, and Medtronic, Inc.)**

Accreditation: CME

Monday, September 15  
6:30 AM - 8:00 AM  
Room: Level 1, Room 143C

**7:00 AM - 8:00 AM**

**TAVR in Women**

**Chairs:** Cindy L. Grines, Roxana Mehran, Marie-Claude Morice

**Discussants:** Alaide Chieffo, Darshan Doshi, Jeffrey J. Popma

7:00 AM **Welcome and Introduction**

Roxana Mehran

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7:05 AM      **Female Data from CoreValve Randomized Trials**  
Jeffrey J. Popma

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7:15 AM      **Implications of the Female Data from PARTNER**  
Darshan Doshi

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7:25 AM      **The WIN TAVI Registry: A New Look at TAVI in Women**  
Alaide Chieffo

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7:40 AM      **Panel Discussion: Can TAVR Change the Game for Female Data Collection?**

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7:55 AM      **Closing Remarks**  
Roxana Mehran

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### Breakfast Meeting: The First Sirolimus-Eluting Self-Apposing Stent: Entering the Next Era in STEMI Treatment (Sponsored by STENTYS)

Monday, September 15  
6:30 AM - 8:00 AM  
Room: Level 1, Room 143A

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**7:00 AM - 8:00 AM      Entering the Next Era in STEMI Treatment**

**Chairs:** Martin B. Leon, Renu Virmani  
**Discussants:** Barry Bertolet, Maurice Buchbinder, Roxana Mehran, Corrado Tamburino

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7:00 AM      **Understanding Mechanisms for Self-Expansion, with Histology and In Vivo Models, in STEMI**  
Renu Virmani

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7:15 AM      **STENTYS Self-Apposing Technology with Sirolimus: Concept, Device, and Indications**  
Martin B. Leon

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7:25 AM      **The APPOSITION Clinical Program Results**  
Corrado Tamburino

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7:40 AM      **STENTYS Clinical Case Experiences**  
**Case Presenter:** Barry Bertolet

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7:50 AM      **Panel Discussion**

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7:58 AM      **Close**  
Martin B. Leon, Renu Virmani

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### Breakfast Meeting: Tryton Dedicated Bifurcation Stent: Future Use in Your Standard Care (Sponsored by Tryton Medical, Inc.)

Monday, September 15  
6:30 AM - 8:00 AM  
Room: Level 1, Room 143B

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**7:00 AM - 8:00 AM      Future Use in Your Standard Care**

**Chairs:** James B. Hermiller Jr, Maciej Lesiak  
**Discussants:** Antonio L. Bartorelli, Philippe G n reux, Aaron V. Kaplan, Jens Flensted Lassen, D. Christopher Metzger

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7:00 AM      **The Need for a Solution to Treat Bifurcation Lesions**  
Aaron V. Kaplan

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7:06 AM      **Provisional and 2-Stent Strategy (US and EU Perspectives)**  
Antonio L. Bartorelli, D. Christopher Metzger

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7:18 AM      **Case Review**  
**Case Presenter:** Antonio L. Bartorelli

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7:30 AM      **Tryton IDE Clinical Outcomes: The Numbers that Matter**  
Philippe G n reux

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7:38 AM **The Change in Daily Practice Treating Bifurcations: Historical Data Challenged?**  
Jens Flensted Lassen

7:46 AM **Discussion and Key Messages**  
James B. Hermiller Jr

**Breakfast Meeting: Utilizing Advanced FFR & IVUS to Optimize Outcomes in Serial Lesions and Multivessel Disease (Sponsored By: ACIST Medical Systems, Inc.)**

Monday, September 15  
6:30 AM - 8:00 AM  
Room: Level 1, Room 144A

**7:00 AM - 8:00 AM Utilizing Advanced FFR & IVUS to Optimize Outcomes in Serial Lesions and Multivessel Disease**

**Chair:** Michael J. Lim  
**Discussants:** Morton J. Kern, Gary S. Mintz

7:00 AM **The Challenge and Promise of Treating Serial Lesions and Multivessel Disease via PCI with the Assistance of Rapid FFR and High-Definition IVUS**  
Michael J. Lim

7:20 AM **The Role of FFR and the Data Supporting Its Use: The Unique Advantages of Micro-Catheter Based FFR in Serial Lesions and Multivessel Disease**  
Morton J. Kern

7:40 AM **The Role of IVUS and the Data Supporting its Use: The Unique Advantages of High-Definition IVUS in Serial Lesions and Multivessel Disease**  
Gary S. Mintz

**Visual Interactive Technology Center: Hands on Hearts**

Monday, September 15  
8:00 AM - 12:30 PM  
Room: Lower Level, Visual Interactive Technology Center

**8:00 AM - 12:30 PM Hands on Hearts**

**Discussants:** Tobias Koppara, Robert Kutys, Elena Ladich, Michelle Olson, Oscar David Sanchez, Kazuyuki Yahagi

**Visual Interactive Technology Center: Technology Demonstration Session and Interactive BioSkills Program: Complex PCI Technologies**

Monday, September 15  
9:00 AM - 12:30 PM  
Room: Lower Level, BioSkills Theater

**9:00 AM - 10:30 AM Complex Coronary Interventions - The Interventional Toolbox: Hands-on Technology Demonstration**

**10:30 AM - 12:30 PM Live Ex Vivo Model Device Technique Demonstration**

**Chair:** Ajay J. Kirtane  
**Co-Chair:** Joseph P. Carrozza Jr  
**Technical Facultys:** Nirat Beohar, Shao Liang Chen, David Hildick-Smith, Richard Shlofmitz

10:30 AM -  
11:10 AM **Hemodynamic Support**

10:30 AM **Interactive Tutorial: Hemodynamic Training for the Interventionalist**  
Daniel Burkhoff

11:00 AM **Moderated Discussion with Audience Q&A**

11:10 AM -  
11:50 AM **Calcium Management/Debulking**

11:10 AM	<b>Rotational Atherectomy</b> Antonio Colombo
11:20 AM	<b>Moderated Discussion with Audience Q&amp;A</b>
11:30 AM	<b>Orbital Atherectomy</b> Nirat Beohar
11:40 AM	<b>Moderated Discussion with Audience Q&amp;A</b>
11:50 AM - 12:30 PM	<b>Bifurcation Management</b>
11:50 AM	<b>Understanding Anatomy-Device Interactions of Different Bifurcation Stent Techniques: Insights From the Visible Heart Lab</b> Francesco Burzotta, Paul A. Iazzo, Ajay J. Kirtane, Azeem Latib
12:30 PM	<b>Adjourn</b>

## New Meta-analyses

Accreditation: CME

Monday, September 15

1:00 PM - 2:00 PM

Room: Level 1, Room 103A

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

### New Meta-analyses: Critical Appraisal

**Moderators:** John A. Bittl, Tullio Palmerini

**Discussants:** Sripal Bangalore, Anthony A. Bavry, Somjot S. Brar, Melissa Nichols, Eugenia Nikolsky, Elmir Omerovic

1:00 PM	<b>TCT 460: Bivalirudin Versus Heparin During Percutaneous Coronary Intervention: A Meta-analysis of Randomized Trials</b> Salvatore Cassese, MD
1:08 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>
1:12 PM	<b>TCT 270: Comparison Among a Drug-Eluting Balloon, Drug-Eluting Stent, and Plain Balloon Angioplasty for Treatment of In-Stent Restenosis: A Network Meta-analysis of 11 Randomized Controlled Trials</b> Joo Myung Lee, MD
1:20 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>
1:24 PM	<b>TCT 196: Meta-analysis on the Impact of Percutaneous Coronary Intervention of Chronic Total Occlusions on Long-term Mortality</b> <b>Discussant:</b> Joëlle Elias, MD
1:32 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>
1:36 PM	<b>TCT 17: Direct Versus Conventional Stenting in ST-Elevation Myocardial Infarction: A Systematic Review and Meta-analysis</b> Lorenzo Azzalini, MD
1:44 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>
1:48 PM	<b>TCT 695: Clinical Impact and Evolution of Mitral Regurgitation Following Transcatheter Aortic Valve Replacement: A Meta-analysis</b> Luis Nombela-Franco, MD
1:56 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>

## Presentation Theater: The Rising Risk of PCI Performed in the Outpatient Setting: Focus on Quality (Sponsored by The Medicines Company)

Monday, September 15

11:30 AM - 12:30 PM

Room: Level 2, Exhibit Hall, Presentation Theater 4

**11:30 AM - 12:30 PM**

### The Rising Risk of PCI Performed in the Outpatient Setting

**Chair:** Sunil V. Rao

**Discussants:** Amit Amin, Duane S. Pinto, Pascal Vranckx

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11:30 AM	<b>Introduction</b> <b>Moderator:</b> Sunil V. Rao
11:35 AM	<b>The New Lexicon for PCI: Focus on Value</b> Sunil V. Rao
11:40 AM	<b>The Changing Landscape of Financial Pressures for the Interventional Cardiologist</b> Duane S. Pinto
11:55 AM	<b>The Role of Angiographic Complexity on PCI Near and Long-term Outcomes</b> Pascal Vranckx
12:05 PM	<b>Real-World Application of Risk-Based Treatment</b> Amit Amin
12:20 PM	<b>Audience Q&amp;A and Panel Discussion</b>

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**Presentation Theater: Immediate and Long-term Benefits of a Fully Repositionable TAVR Device (Sponsored by Direct Flow Medical)**

Monday, September 15

1:00 PM - 2:00 PM

Room: Level 2, Exhibit Hall, Presentation Theater 3

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

**Immediate and Long-term Benefits of a Fully Repositionable TAVR Device**

**Chairs:** Thierry Lefevre, E. Murat Tuzcu

**Discussants:** Antonio Colombo, Stephan Kische, Christoph K. Naber, William W. O'Neill, Lars G. Svensson

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1:00 PM	<b>TAVR Today: What Are We Missing?</b> Lars G. Svensson
1:08 PM	<b>Thinking Outside of the Box: The Direct Flow Medical Valve Technology</b> William W. O'Neill
1:16 PM	<b>Advantages of a Fully Repositionable and Retrievable TAVR Device</b> Antonio Colombo
1:26 PM	<b>Translating Immediate Benefits Into Long-term Results</b> Thierry Lefevre
1:34 PM	<b>From Clinical Studies to Real-World Data</b> Stephan Kische
1:42 PM	<b>Clinical Comparison of the Direct Flow Medical Valve to Other Available TAVR Technology</b> Christoph K. Naber
1:50 PM	<b>Discussion and Audience Interaction</b>

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**Presentation Theater: Innovating Vascular Restoration with the DESolve Novolimus-Eluting Scaffold Platforms (Sponsored by Elixir Medical Corporation)**

Monday, September 15

1:00 PM - 2:00 PM

Room: Lower Level, Presentation Theater 2

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

**Innovating Vascular Restoration with the DESolve Novolimus-Eluting Scaffold Platforms**

**Chairs:** Alexandre Abizaid, Martin B. Leon

**Discussants:** Holger M. Nef, John A. Ormiston, Stefan Verheye

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1:00 PM	<b>Introduction and Objectives</b> Martin B. Leon
1:05 PM	<b>DESolve Scaffold Engineering Science</b> John A. Ormiston

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1:15 PM	<b>Discussion and Audience Interaction</b>
1:20 PM	<b>DESolve NX Trial Clinical and Imaging Results</b> Alexandre Abizaïd
1:30 PM	<b>DESolve Clinical Experience</b> Holger M. Nef
1:40 PM	<b>DESolve Next-Generation Platforms and Future Clinical Studies</b> Stefan Verheye
1:50 PM	<b>Discussion and Audience Interaction</b>
1:55 PM	<b>Take-home Message</b> Martin B. Leon

**Presentation Theater: Kaleidoscope of Novel Interventional Technologies (Sponsored by Meril Life Sciences Pvt.Ltd)**

Monday, September 15

1:00 PM - 2:00 PM

Room: Level 2, Exhibit Hall, Presentation Theater 4

<b>1:00 PM - 2:00 PM</b>	<b>Kaleidoscope of Novel Interventional Technologies</b>
	<b>Chair:</b> Spencer B. King III <b>Discussants:</b> Alexandre Abizaïd, Michael Joner, Sasko Kedev, Guy Leclerc, Martin B. Leon, Sundeep Mishra, Seung-Jung Park, Teguh Santoso, Ron Waksman
1:00 PM	<b>Science Behind BioMime - Clinical Update, Introduction to BioMime Morp</b> Alexandre Abizaïd
1:10 PM	<b>Journey from Substance to Sublime - Update on MeRes 100 - Sirolimus Eluting BRS</b> Martin B. Leon
1:20 PM	<b>Development of Mozec DEB - Sirolimus Eluting Rx PTCA Balloon Catheter</b> Michael Joner
1:30 PM	<b>Novel Interventional Technologies - TAVR, CHF and Beyond</b> Guy Leclerc
1:40 PM	<b>Complex Angioplasty &amp; My Views From Top of the World</b> Sasko Kedev
1:50 PM	<b>Panel Discussion</b>

**Presentation Theater: Lutonix® Drug-Coated Balloon: 12-Month LEVANT 2 Results and Real-World Experience (Sponsored by Bard, Inc.)**

Monday, September 15

1:00 PM - 2:00 PM

Room: Lower Level, Presentation Theater 1

<b>1:00 PM - 2:00 PM</b>	<b>12-Month LEVANT 2 Results and Real-World Experience</b>
	<b>Discussants:</b> Peter Baron Von Bilderling, Marianne Brodmann, D. Christopher Metzger, Renu Virmani
1:00 PM	<b>Preclinical Safety Data and Technology Overview</b> Renu Virmani
1:12 PM	<b>LEVANT 2: A Prospective, Randomized Trial of Paclitaxel-Coated Balloons vs Standard Balloon Angioplasty: 12-Month Results</b> D. Christopher Metzger
1:24 PM	<b>Interim Analyses from the Lutonix Global Registry at Multiple German Centers</b> Peter Baron Von Bilderling
1:36 PM	<b>Critical Limb Ischemia and the Role of DCBs Below the Knee</b> Marianne Brodmann

1:48 PM Q&A

## Edited Taped Cases IV

Monday, September 15

2:30 PM - 3:30 PM

Room: Lower Level, Presentation Theater 1

2:30 PM - 3:30 PM

### Edited Taped Cases

**Moderators:** Steven L. Goldberg, Mark H. Wholey

**Discussants:** Robert M. Bersin, Nicola Corvaja

2:30 PM

#### The Silk Road Procedure

**Case Presenter:** Leo Nelson Hopkins

2:50 PM

#### Renal Denervation Case with OCT Using the Vessix Renal Denervation System

**Case Presenter:** Juan F. Granada

3:10 PM

#### Endovascular Treatment of an Acute Occlusion of the Middle Cerebral Artery by an Interventional Cardiologist

**Case Presenter:** Omer Goktekin

## Tuesday, September 16, 2014

### Main Arena IV, Tuesday, Sept. 16

Accreditation: CME/CNE

Tuesday, September 16

8:00 AM - 2:00 PM

Room: Level 3, Ballroom

8:00 AM - 9:30 AM

### Plenary Session XXII: Live Cases VII

**Live Case Moderator:** Gregg W. Stone

**Live Case Co-Moderator:** Marie-Claude Morice

**Digital Moderator:** Jeffrey W. Moses

**Live Case Discussants:** Stephan Achenbach, Zahid Amin, John D. Carroll, David J. Cohen, Christian W. Hamm, Ziyad M. Hijazi, Reda Ibrahim, Francesco Maisano, Harsimran Sachdeva Singh, Robert J. Sommer

**Digital Panelists:** Azeem Latib, Reginald I. Low

8:00 AM

#### Nationwide Children's Hospital, Columbus, OH - Melody TPV Implant

8:45 AM

#### Houston Methodist Hospital, Houston, TX

9:30 AM - 10:00 AM

### Plenary Session XXIII: Dynamic Dialogues III: Myths and Controversies – Endovascular Therapies

**Moderators:** Elazer R. Edelman, Martin B. Leon, Gregg W. Stone

**Digital Moderator:** John R. Laird Jr

William A. Gray, Michael R. Jaff, Jay S. Yadav

9:30 AM

#### Dynamic Dialogues III: Endovascular Therapies

William A. Gray, Michael R. Jaff, Jay S. Yadav

10:00 AM - 10:30 AM

### Plenary Session XXIV: TCT Debates Not to Be Missed

**Moderators:** Thomas F. Luscher, Krishna J. Rocha-Singh

**Digital Moderator:** William A. Gray

**Discussants:** Justin E. Davies, Sameer Gafoor, Ajay J. Kirtane, Felix Mahfoud, James R. Margolis, Paul A. Sobotka, Giora Weisz

**Digital Panelists:** Eric A. Cohen, Joachim Schofer

10:00 AM -  
10:30 AM

#### Controversy I: Device-Based Sympathetic Modulation (Renal Denervation) Is a Viable Therapy for Systemic Hypertension

10:00 AM

#### PRO – Continued Optimism

10:10 AM **CON – Problematic and Challenged**  
Deepak L. Bhatt

10:20 AM **Roundtable Discussion**

**10:30 AM - 11:00 AM Plenary Session XXV: TCT Debates Not to Be Missed**

**Moderators:** Michael J. Davidson, Ted E. Feldman

**Digital Moderator:** Paul A. Grayburn

**Discussants:** Robert O. Bonow, Maurice Buchbinder, James B. Hermiller Jr, Michael J. Mack, Allan Schwartz, Gregg W. Stone, Martyn R. Thomas, Alec S. Vahanian

**Digital Panelists:** Eric A. Cohen, Joachim Schofer

10:30 AM - **Controversy II: Catheter-Based Mitral Valve Therapies for Mitral Regurgitation (Repair and Replacement) Will Have an Important Clinical Role in the Future**  
11:00 AM

10:30 AM **PRO – Continued Optimism**  
Francesco Maisano

10:40 AM **CON – Problematic and Challenged**  
Steven F. Bolling

10:50 AM **Roundtable Discussion**

**11:00 AM - 12:00 PM Plenary Session XXVI: Late-Breaking Clinical Trials #4**

**Moderator:** Ajay J. Kirtane

**Digital Moderator:** Deepak L. Bhatt

**Discussants:** Andreas Baumbach, Jeroen J. Bax, John D. Carroll, William A. Gray, Horst Sievert, Paul A. Sobotka, Jonathan M. Tobis, Stephen G. Worthley, Thomas Zeller

**Digital Panelists:** J. Dawn Abbott, Justin E. Davies, Srihari S. Naidu

11:00 AM **PRIMA: A Prospective, Randomized Trial of PFO Closure in Patients with Refractory Migraine with Aura**  
David Hildick-Smith

11:12 AM **LBCT #1 - Discussion**

11:24 AM **Symlicity Flex: A Prospective, Randomized, Sham-Controlled Trial of Renal Sympathetic Denervation in Patients with Mild Refractory Hypertension**  
Steffen Desch

11:34 AM **LBCT #2 - Discussion**

11:42 AM **EXCITE ISR: A Prospective, Randomized Trial of Excimer Laser Atherectomy Versus Balloon Angioplasty for Treatment of Femoropopliteal In-Stent Restenosis**  
Eric J. Dippel

11:52 AM **LBCT #3 - Discussion**

**12:00 PM - 12:30 PM Plenary Session XXVII: First Reports #4**

**Moderator:** Mitchell W. Krucoff

**Digital Moderator:** Giulio G. Stefanini

**Discussants:** Didier Carrié, Run-Lin Gao, Jens Flensted Lassen, David W.M. Muller, Yoshinobu Onuma, John A. Ormiston, Manel Sabate, Teguh Santoso, Sigmund Silber, S. Chiu Wong

**Digital Panelists:** Sheldon Goldberg, Philip M. Urban, James P. Zidar

12:00 PM **I-LOVE-IT 2: A Prospective, Randomized Trial of a Biodegradable Polymer, Cobalt Chromium, Sirolimus-Eluting Stent Versus a Durable Polymer, Cobalt Chromium, Sirolimus-Eluting Stent in Patients with Coronary Artery Disease**  
Bo Xu

12:10 PM **First Report #1 - Discussion**

12:15 PM **EVERBIO II: A Prospective, Randomized Trial of an Everolimus-Eluting Bioresorbable Scaffold Versus Everolimus-Eluting and Biolimus-Eluting Metallic Stents in Patients with Coronary Artery Disease**  
Stephane Cook

12:25 PM **First Report #2 - Discussion**

**12:30 PM - 2:00 PM Plenary Session XXVIII: Live Cases VIII**

**Live Case Moderator:** Martin B. Leon

**Live Case Co-Moderator:** Eberhard Grube

**Digital Moderator:** Michael J. Cowley



**Live Case Discussants:** Jeroen J. Bax, Stephen J.D. Brecker, Ronald Caputo, Todd M. Dewey, Dominique Himbert, James R. Margolis, Steven P. Marso, Matthew J. Price, Joachim Schofer, Vinod H. Thourani

**Digital Panelists:** Raoul Bonan, Jose A. Condado

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12:30 PM      **San Raffaele Hospital, Milan, Italy**

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1:15 PM      **St. Paul's Hospital, Vancouver, Canada – Combined Aortic and Mitral Transcatheter Valve-in-Valve Replacement**

## Coronary Theater IV, Tuesday, Sept. 16

Accreditation: CME/CNE

Tuesday, September 16

8:00 AM - 12:00 PM

Room: Lower Level, Coronary Theater

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### 8:00 AM - 10:00 AM

#### Session 1: Live Cases - BRS

**Live Case Moderator:** Patrick W. Serruys

**Live Case Co-Moderator:** Stephen G. Ellis

**Digital Moderator:** David W.M. Muller

**Live Case Discussants:** Andreas Baumbach, Carlo Di Mario, Dariusz Dudek, Marc D. Feldman, Karel T. Koch, Detlef G. Mathey, Teguh Santoso, Sigmund Silber

**Digital Panelists:** Vasim Farooq, Nick E. J. West, Joanna J. Wykrzykowska

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8:00 AM      **Fortis Escorts Heart Institute, New Delhi, India**

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9:00 AM      **San Raffaele Hospital, Milan, Italy**

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### 10:00 AM - 12:00 PM

#### Session 2: Live Cases - BRS

**Live Case Moderator:** Dean J. Kereiakes

**Live Case Co-Moderator:** Antonio L. Bartorelli

**Digital Moderator:** Stephan Achenbach

**Live Case Discussants:** Olivier F. Bertrand, Ricardo A. Costa, Niccoli Giampaolo, Philippe L. L'Allier, Antoine Lafont, Massimo Napodano, Tudor C Poerner, Gert Richardt

**Digital Panelists:** Erwin Blessing, Bernard R. Chevalier, Vincent On-Hing Kwok

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10:00 AM      **Fortis Escorts Heart Institute, New Delhi, India**

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11:00 AM      **Thoraxcenter, ERASMUS Medical Center, Rotterdam, Netherlands**

## Structural Theater III, Tuesday, Sept. 16

Accreditation: CME/CNE

Tuesday, September 16

8:00 AM - 12:00 PM

Room: Lower Level, Structural/Endovascular Theater

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### 8:00 AM - 10:00 AM

#### Session 1: Live Cases – TAVR/CHD

**Live Case Moderator:** Neil E. Moat

**Live Case Co-Moderator:** Eric Horlick

**Digital Moderator:** Michael J. Mullen

**Live Case Discussants:** Lee N. Benson, Elchanan Bruckheimer, Joseph P. Carrozza Jr, Hans R. Figulla, Rebecca T. Hahn, Damien P. Kenny, John M. Lasala, Eustaquio Maria Onorato

**Digital Panelists:** Michael J. Davidson, Pieter R. Stella, Vinod H. Thourani

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8:00 AM      **Thoraxcenter, ERASMUS Medical Center, Rotterdam, Netherlands**

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9:00 AM      **Nationwide Children's Hospital, Columbus, OH – VIV Procedure Using a Melody TPV in a Bioprosthetic MV**

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### 10:00 AM - 12:00 PM

#### Session 2: Live Cases – TAVR/Mitral

**Live Case Moderator:** Raj Makkar

**Live Case Co-Moderator:** Lutz Buellfeld

**Digital Moderators:** Samir R. Kapadia, Anna Sonia Petronio

**Live Case Discussants:** Andrea Colli, Larry S. Dean, Michael Haude, Hyo-Soo Kim, Igor F. Palacios, Stefan Sack, Lars Sondergaard, Hendrik Treede

**Digital Panelists:** Isaac George, Georg Lutter

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10:00 AM     **St. Paul's Hospital, Vancouver, Canada – Transfemoral TAVI – Sapien 3, Minimally Invasive**

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11:00 AM     **Houston Methodist Hospital, Houston, TX**

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## Didactic Symposia: Aortic Endografts & AAA Repair

Accreditation: CME

Tuesday, September 16

2:00 PM - 6:13 PM

Room: Level 1, Room 102A

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### 2:00 PM - 3:23 PM

#### Session I. Abdominal Aneurysms and EVAR, Part 1

**Moderators:** Frank J. Criado, Christopher K. Zarins

**Digital Moderator:** Robert A. Lookstein

**Discussants:** Alan B. Lumsden, Constantino S. Pena

**Digital Panelists:** Diego Gaia, Gregory Mishkel

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2:00 PM     **Introductory Remarks**  
Edward B. Diethrich

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2:03 PM     **Atherosclerosis and Vascular Disease Over the Millennia: What's the Connection with AAA Disease?**  
Christopher K. Zarins

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2:13 PM     **Impact of Hybrid Suites and Advances with Intraprocedural Imaging and Equipment**  
Alan B. Lumsden

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2:23 PM     **A New Perspective on Endoleaks: Do They Cause Aneurysm Rupture?**  
Christopher K. Zarins

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2:33 PM     **The EndoVascular Aneurysm Sealing (EVAS) Concept: Why It Could Prove Game Changing**  
Clifford J. Buckley

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2:43 PM     **Aortoiliac Aneurysms with No Distal Landing Zone: Strategies for Management of the Hypogastric Artery and External Iliac Extensions**  
Constantino S. Pena

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2:53 PM     **Implications of Anatomy Assessment and Device Labeling: What are the Consequences of Increasing Off-label Usage?**  
Alan B. Lumsden

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3:03 PM     **Post-EVAR Follow-up and Imaging Surveillance: Practices and Future Trends**  
Robert A. Lookstein

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3:13 PM     **Roundtable Discussion with Audience Q&A**

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### 3:23 PM - 4:23 PM

#### Session II. Abdominal Aneurysms and EVAR, Part 2

**Moderators:** Clifford J. Buckley, Jacques Busquet

**Digital Moderator:** Alan B. Lumsden

**Discussant:** Frank J. Criado

**Digital Panelists:** Robert M. Bersin, Christopher J. Kwolek, Joseph V. Lombardi

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3:23 PM     **Treatment Strategies for Giant Aneurysms**  
Jacques Busquet

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3:33 PM     **Iliac Limb Occlusion: Predictors and Management**  
Frank J. Criado

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3:43 PM     **Treatment Options for Juxtarenal and Pararenal Aneurysms**  
Christopher J. Kwolek

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3:53 PM     **Role of EVAR in the Treatment of Ruptured AAA: Evidence and Evolving Developments**  
Alan B. Lumsden

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4:03 PM     **Case Presentation: Complex AAA Anatomy**  
**Case Presenter:** Frank J. Criado

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4:13 PM Roundtable Discussion with Audience Q&A

4:23 PM - 6:13 PM

**Session III. Thoracic Aneurysms and TEVAR**

**Moderators:** Wilson Y. Szeto, Rodney White

**Digital Moderator:** Frank J. Criado

**Discussants:** Christopher J. Kwolek, Joseph V. Lombardi, Eric E. Roselli

**Digital Panelists:** Lindsay S. Machan, Ivo Petrov

4:23 PM **The Changing Landscape of Type B Aortic Dissection: Evolving TEVAR Indications**  
Eric E. Roselli

4:33 PM **Managing Distal True Lumen Collapse After TEVAR for Type B Dissection: The Petticoat Concept**  
Joseph V. Lombardi

4:43 PM **Endovascular Treatment of Descending TAA: Any Role Left for Open Surgery?**  
Christopher J. Kwolek

4:53 PM **TEVAR-Related Retrograde Type A Dissection**  
Rodney White

5:03 PM **Neurological Complications of TEVAR: Prevention and Management**  
Alan B. Lumsden

5:13 PM **Chimneys, Snorkels, Periscopes, and Sandwiches Continue to Proliferate: Parallel Grafts in Perspective**  
Frank J. Criado

5:23 PM **Treatment of Blunt Thoracic Aortic Injury**  
Joseph V. Lombardi

5:33 PM **Current Strategies for Treatment of Aortic Arch Pathologies**  
Wilson Y. Szeto

5:43 PM **Endovascular Solutions for the Ascending Aorta**  
Rodney White

5:53 PM **Case Presentation: A Complex Arch Repair**  
**Case Presenter:** Wilson Y. Szeto

6:03 PM **Roundtable Discussion with Audience Q&A**

**Didactic Symposia: Bioresorbable Scaffolds**

Accreditation: CME/CNE

Tuesday, September 16

2:00 PM - 6:10 PM

Room: Level 1, Room 151A/B

2:00 PM - 2:36 PM

**Session I. Bioresorbable Scaffolds vs Metallic Stents: Similarities and Differences**

**Moderators:** Dean J. Kereiakes, Renu Virmani

**Digital Moderator:** Christian M. Spaulding

**Discussants:** Jacques J. Koolen, Philippe L. L'Allier, Chaim S. Lotan, Detlef G. Mathey, Habib Samady

**Digital Panelists:** Mohammed Balghith, Kenneth Chin

2:00 PM **The Inexorable Accumulation of Late Events After Metallic BMS and DES: Mechanisms and Clinical Data**  
Stephen G. Ellis

2:07 PM **Scaffolds vs Stents: Biomechanics and Vascular Responses**  
Juan F. Granada

2:14 PM **Scaffolds vs Stents: 5-Year Insights from Longitudinal Imaging Studies**  
Yoshinobu Onuma

2:21 PM **Differences Between Polymeric and Metallic Bioresorbable Scaffolds**  
Ron Waksman

2:28 PM **Roundtable Discussion with Audience Q&A**

2:36 PM - 3:40 PM

**Session II. ABSORB Data**

**Moderators:** Mitchell W. Krucoff, John A. Ormiston  
**Digital Moderator:** Robert-Jan van Geuns  
**Discussants:** Bernard R. Chevalier, Carlo Di Mario, Vladimir Dzavik, Karel T. Koch, Azeem Latib  
**Digital Panelists:** Adriano Caixeta, Rui Campante Teles

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2:36 PM	<b>Featured Lecture: ABSORB II: What Has the Randomized Trial Taught us Beyond the Registries?</b> Patrick W. Serruys
2:48 PM	<b>Update: The Absorb EXPAND Real-World Registry</b> Robert-Jan van Geuns
2:54 PM	<b>Update: The Absorb FIRST Real-World Registry</b> Christoph K. Naber
3:00 PM	<b>Update: The Absorb GHOST Real-World Registry</b> Corrado Tamburino
3:06 PM	<b>Update: The Absorb ASSURE Real-World Registry</b> Thomas Schmitz
3:12 PM	<b>Update: The EXTEND Real-World Registry</b> Alexandre Abizaid
3:18 PM	<b>Absorb III/IV: Angina and Ischemia Hypotheses</b> Gregg W. Stone
3:24 PM	<b>Absorb III/IV: Testing Noninferiority and Superiority</b> Dean J. Kereiakes
3:30 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>

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**3:40 PM - 5:03 PM**

**Session III. BRS Program Update**

**Moderators:** Alexandre Abizaid, Dean J. Kereiakes  
**Digital Moderator:** Vasim Farooq  
**Discussants:** Antonio L. Bartorelli, Piera Capranzano, Elazer R. Edelman, Alexandra J. Lansky, David W.M. Muller  
**Digital Panelists:** Felipe Hernandez, Kari Kervinen

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3:40 PM	<b>BRS with Clinical Data I – DESolve: Differentiating Features and Clinical Update</b> Stefan Verheye
3:48 PM	<b>TCT 610: Prospective, Multicenter Evaluation of the DESolve Novolimus-Eluting Bioresorbable Coronary Scaffold: Imaging Outcomes and 2-Year Clinical Results</b> Alexandre Abizaid
3:56 PM	<b>BRS with Clinical Data II – From ReSolve to Fantom: Differentiating Features and Clinical Update</b> Alexandre Abizaid
4:04 PM	<b>BRS with Clinical Data III – Amaranth: Differentiating Features and Clinical Update</b> Juan F. Granada
4:12 PM	<b>BRS with Clinical Data IV – ART-DIVA: Differentiating Features and Clinical Update</b> Jean Fajadet
4:20 PM	<b>BRS with Clinical Data V – DREAMS: Differentiating Features and Clinical Update</b> Michael Haude
4:28 PM	<b>BRS Under Development I – The Manli Mirage BRS</b> Teguh Santoso
4:33 PM	<b>BRS Under Development II – Meril Life Sciences</b> Martin B. Leon
4:38 PM	<b>BRS Under Development III – The XINSORB BRS</b> Junbo Ge
4:43 PM	<b>BRS Under Development IV – The Lepu BRS</b> Yaling Han
4:48 PM	<b>BRS Under Development V – Biolute BRS</b> Dinesh Shah
4:53 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>

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**Moderators:** Dariusz Dudek, Pieter C. Smits

**Digital Moderator:** Vincent On-Hing Kwok

**Discussants:** Roberto Botelho, Omer Goktekin, Jonathan M. Hill, Antoine Lafont, Andrzej J. Ochala, David G. Rizik

**Digital Panelists:** Jorgo Kostov, Sundeep Mishra

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5:03 PM	<b>What Kind of Lesions are BRS Preferred in TODAY? TOMORROW?</b> Azeem Latib								
5:10 PM	<b>Tips, Tricks, and Pearls to Optimize BRS Outcomes: From Lesion Preparation to Pharmacotherapy Considerations</b> Jonathan M. Hill								
5:17 PM	<b>Imaging to Guide BRS: Nice to Have or Must Have?</b> Evelyn S. Regar								
5:24 PM	<b>TCT 611: Multimodality Assessment 12 Months After Implantation of a Bioresorbable Scaffold for the Treatment of Culprit Lesions in Myocardial Infarction</b> Ulrich Hink								
5:31 PM	<b>TCT 612: Clinical Outcomes in Patients with Calcified Lesions Treated with Bioresorbable Vascular Scaffolds</b> Vasileios Panoulas								
5:38 PM - 5:57 PM	<b>The Great BRS Debate: Is BRS the 4th Revolution?</b> <table> <tr> <td>5:38 PM</td> <td><b>Pre-debate Vote: What Does the Audience Think?</b> <b>Moderator:</b> Dariusz Dudek</td> </tr> <tr> <td>5:40 PM</td> <td><b>Pro: Within 10 Years, Most Coronary Intervention Will Use BRS!</b> Stephan Achenbach</td> </tr> <tr> <td>5:47 PM</td> <td><b>Con: The Psychological Attraction Will Pass When the Data Emerges!</b> Daniel I. Simon</td> </tr> <tr> <td>5:54 PM</td> <td><b>Post-debate Vote: Did We Change Any Minds?</b> <b>Moderator:</b> Dariusz Dudek</td> </tr> </table>	5:38 PM	<b>Pre-debate Vote: What Does the Audience Think?</b> <b>Moderator:</b> Dariusz Dudek	5:40 PM	<b>Pro: Within 10 Years, Most Coronary Intervention Will Use BRS!</b> Stephan Achenbach	5:47 PM	<b>Con: The Psychological Attraction Will Pass When the Data Emerges!</b> Daniel I. Simon	5:54 PM	<b>Post-debate Vote: Did We Change Any Minds?</b> <b>Moderator:</b> Dariusz Dudek
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5:54 PM	<b>Post-debate Vote: Did We Change Any Minds?</b> <b>Moderator:</b> Dariusz Dudek								
5:57 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>								

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### Didactic Symposia: Hypertrophic CM & ETOH Ablation

Accreditation: CME/CNE

Tuesday, September 16

2:00 PM - 5:56 PM

Room: Level 2, Room 209A/B

2:00 PM - 3:20 PM

#### Session I. Hypertrophic Cardiomyopathy: Diagnosis and Management

**Moderators:** John S. Douglas Jr, Sherif F. Nagueh

**Digital Moderator:** Howard C. Herrmann

**Discussants:** Kishore J. Harjai, Carolyn Ho, Rod H. Stables

**Digital Panelists:** Valerian Fernandes, Guosheng Fu

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2:00 PM	<b>Epidemiology and Genetics</b> Carolyn Ho
2:12 PM	<b>Diagnostic Evaluation of Patients Referred with HCM Diagnosis</b> Rod H. Stables
2:24 PM	<b>Hemodynamics of Dynamic Obstruction</b> James B. Hermillier Jr
2:36 PM	<b>Sudden Cardiac Death and Atrial Fibrillation in HCM</b> Kishore J. Harjai
2:48 PM	<b>When to Consider Septal Reduction Therapy</b> John S. Douglas Jr

3:00 PM **Roundtable Discussion with Audience Q&A**

**3:20 PM - 5:26 PM**

**Session II. Alcohol Septal Ablation**

**Moderators:** Srihari S. Naidu, Paul Sorajja

**Digital Moderator:** Sherif F. Nagueh

**Discussants:** Valerian Fernandes, Carey D. Kimmelstiel, John D. Puskas

**Digital Panelists:** Marc D. Feldman, A P M Sohrabuzzaman

3:20 PM **Case Selection and Use of Myocardial Contrast Echocardiography During Ablation**  
Sherif F. Nagueh

3:35 PM **HCM Ablation Step-by-Step and Avoiding Potential Pitfalls**  
Valerian Fernandes

3:50 PM **Patient Management Post Ablation**  
Sherif F. Nagueh

4:02 PM **Complications of Alcohol Septal Ablation**  
Srihari S. Naidu

4:17 PM **Long-term Outcomes Following Alcohol Septal Ablation: Is the Procedure Durable?**  
Paul Sorajja

4:29 PM **Roundtable Discussion with Audience Q&A**

4:49 PM -  
5:26 PM **Debate: Septal Reduction Therapy by Alcohol Septal Ablation vs Surgical Myectomy**

4:49 PM **Pre-debate Vote: For Most Patients with HCM, Should Surgical Myectomy, Alcohol Ablation Therapy, or Both Be Offered as the Preferred Option?**  
**Moderator:** Paul Sorajja

4:51 PM **Surgeon's Perspective on HOCM surgery**  
John D. Puskas

5:01 PM **Interventional Perspective: Not Surgery of Course!**  
Carey D. Kimmelstiel

5:11 PM **Roundtable Discussion with Audience Q&A**

5:23 PM **Post-debate Vote: Have We Changed Any Minds**  
**Moderator:** Paul Sorajja

**5:26 PM - 5:56 PM**

**Session III. Abstract Block**

**Moderators:** Igor F. Palacios, Augusto D. Pichard

**Digital Moderator:** Kishore J. Harjai

**Discussants:** Philippe L. L'Allier, Rod H. Stables, Jose M. de la Torre Hernandez

**Digital Panelist:** John S. Douglas Jr

5:26 PM **TCT 63: Objective Assessment of Intracardiac Conduction to Guide Permanent Pacemaker Implantation Following Alcohol Septal Ablation for Hypertrophic Obstructive Cardiomyopathy**  
Malek Al-Hawwas, MD

5:36 PM **Roundtable Discussion with Audience Q&A**

5:41 PM **TCT 64: Coil Embolization for Septal Ablation in Patients with Hypertrophic Obstructive Cardiomyopathy: Long-term Results**  
Israel Guerrero Mantilla, MD

5:51 PM **Roundtable Discussion with Audience Q&A**

**Didactic Symposia: Innovation 4: FIH**

**2:00 PM - 2:40 PM**

**Session I. Early Device Validation Strategies: Changes and Opportunities**

**Moderators:** Alexandre Abizaid, Elazer R. Edelman  
**Digital Moderator:** Dawn Bardot, Andrew Farb, Juan F. Granada, Greg L. Kaluza, Ian T. Meredith  
**Discussants:** Dawn Bardot, Andrew Farb, Juan F. Granada, Greg L. Kaluza, Ian T. Meredith  
**Digital Panelists:** Michael Joner, Xavier E. Pardo, Paul G. Yock

2:00 PM **Translational Research in Transition: Emerging Tools and Methods for Validation of Device Performance**  
Dawn Bardot

2:10 PM **Experimental Requirements and Device Validation: Critical Changes Impacting Transition to Human Testing**  
Greg L. Kaluza

2:20 PM **The Role of OUS and US-FIH Clinical Studies in the US-IDE Process**  
Andrew Farb

2:30 PM **Roundtable Discussion with Audience Q&A**

**2:40 PM - 3:40 PM**

**Session II. Endovascular Imaging and Physiologic Assessment**

**Moderators:** Farouc Jaffer, Guillermo Tearney  
**Digital Moderator:** Evelyn S. Regar  
**Discussants:** John A. Ambrose, Ricardo A. Costa, Akiko Maehara, Yasunori Ueda  
**Digital Panelists:** Nicolas Foin, Takashi Kubo

2:40 PM **Featured Lecture: Innovations in OCT Technology: Current Developments and Future Trends**  
Guillermo Tearney

2:50 PM **Next-Generation Intravascular Imaging: Dual-Modality OCT and Near-Infrared Auto-Fluorescence (NIRAF) for the Simultaneous Acquisition of Microstructural and Molecular/Chemical Information Within the Coronary Vasculature: Early Human Clinical Experience**  
Giovanni J. Ughi

3:00 PM **Real-Time Automatic Coregistration of Angiography with IVUS and OCT**  
Tristan Slots

3:10 PM **The Liquid Biopsy System: A Novel Intracoronary Biomarker Sampling Catheter - First Report of FIH Experience**  
Nick E. J. West

3:20 PM **Opsens Optowire for Fractional Flow Reserve: The O2 FIM Study**  
Olivier F. Bertrand

3:30 PM **Roundtable Discussion with Audience Q&A**

**3:40 PM - 4:40 PM**

**Session III. Vascular Technologies**

**Moderators:** Todd J. Brinton, Ian T. Meredith  
**Digital Moderator:** Greg L. Kaluza  
**Discussants:** Robert A. Byrne, Sameer I. Dani, Michael Joner, Robert L. Wilensky  
**Digital Panelists:** Roger J. Laham, Bradley H. Strauss

3:40 PM **Sirolimus Nanocrystal Balloon-Based Delivery for Coronary DES-ISR**  
Sameer I. Dani

3:47 PM **Antirestenotic Efficacy in the Treatment of In-Stent Restenosis: A Comparison of Two Paclitaxel Drug-Eluting Balloons With Different Coatings**  
Freek Nijhoff

3:54 PM **Coronary Lithoplasty™: First Clinical Experience**  
Todd J. Brinton

4:01 PM **Evaluation of a PET Mesh Covered Stent in Patients with Carotid Artery Disease: Results of the First in Man CARENET Trial**  
Joachim Schofer

4:08 PM **The NitiLoop/NovaCross Technology to Facilitate CTO Recanalization**  
Ran Kornowski

4:15 PM **Sirolimus-Eluting Balloon Angioplasty Dilatation System for ISR Indication: The SABRE Trial**  
Stefan Verhey

4:22 PM **Roundtable Discussion with Audience Q&A**

4:40 PM - 5:30 PM

**Session IV. Interventional Heart Failure**

**Moderators:** Daniel Burkhoff, William W. O'Neill

**Digital Moderator:** Jose Luis Assad-Morell

**Discussants:** Sanjeev Aggarwal, Raj Makkar, Warren Sherman, Tim P. van de Hoef

**Digital Panelists:** Satya Reddy Atmakuri, Rudolf Berger

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- 4:40 PM      **ALLogeneic Heart STem Cells To Achieve Myocardial Regeneration (ALLSTAR): The Six-Month Phase I Safety Results**  
Raj Makkar
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- 4:50 PM      **Myocardial Recovery in Ambulatory Heart Failure Patients Treated with the C-Pulse Cardiac Assist System: A Single-Center Experience**  
Sanjeev Aggarwal
- 
- 5:00 PM      **A Prospective, Multicenter Study to Evaluate a New Percutaneous Ventricular Assist Device for Right Ventricular Failure: The RECOVER Right Study**  
William W. O'Neill
- 
- 5:10 PM      **Pressure-Controlled Intermittent Coronary Sinus Occlusion (PICSO) in Acute ST-Segment Elevation Myocardial Infarction: Results of the Prepare RAMSES Study**  
Tim P. van de Hoef
- 
- 5:20 PM      **Roundtable Discussion with Audience Q&A**

5:30 PM - 6:10 PM

**Session V. Interventional Hypertension**

**Moderators:** Michael Joner, Horst Sievert

**Digital Moderator:** Steven L. Almany

**Discussants:** Farrell O. Mendelsohn, John A. Ormiston, Krishna J. Rocha-Singh

**Digital Panelists:** Sameer Gafoor, Ivan G. Horvath

- 
- 5:30 PM      **First-in-Human Results of an Endovascular Self-Expanding Prosthesis for Carotid Baroreceptor Amplification in Patients with Resistant Hypertension**  
Chandan Devireddy
- 
- 5:40 PM      **The ROX Coupler: Adding Compliance and Reducing Resistance to the Arterial Tree: A Mechanical Treatment for Arterial Hypertension. Results of a Prospective, Randomized, Controlled, Blinded-Endpoint, Multicenter European Trial on Resistant Hypertension**  
Melvin D. Lobo
- 
- 5:50 PM      **Noninvasive Renal Denervation Using Externally Delivered Focused Ultrasound: Early Experience Using Doppler-Based Imaging Tracking and Targeting for Treatment**  
John A. Ormiston
- 
- 6:00 PM      **Roundtable Discussion with Audience Q&A**
- 
- 6:10 PM      **Adjourn**

**Didactic Symposia: Interventional HF Therapies 2**

Tuesday, September 16

2:00 PM - 6:00 PM

Room: Level 1, Room 152A/B

2:00 PM - 3:47 PM

**Session I. Pressure Monitoring and Decompression Devices**

**Moderator:** Daniel Burkhoff

**Digital Moderator:** Mark Goldberger

**Discussants:** Peter Carson, Finn Gustafsson

**Digital Panelists:** Rudolf Berger, Abdullah Shehab

- 
- 2:00 PM      **Keynote Lecture: Out-Patient Monitoring to Improve Outcomes in CHF**  
Peter Carson
- 
- 2:20 PM      **LA Pressure Monitoring**  
Peter Carson
- 
- 2:35 PM      **PA Pressure Monitoring (Cardiomems)**  
Nirav Y Raval
- 
- 2:50 PM      **Advanced HT Failure Therapies in 2014: LVAD or Transplant?**  
Finn Gustafsson



3:05 PM	<b>Decompressing the Left Atrium: V-Wave Interatrial Shunt Therapy for HFrEF</b> Josep Rodés-Cabau
3:17 PM	<b>TCT 77: Midterm Results of a Novel Interatrial Shunt Therapy for Heart Failure and Preserved Ejection Fraction</b> Finn Gustafsson
3:27 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>

**3:47 PM - 6:00 PM**      **Session II. Mechanical Circulatory Support for Chronic CHF**

**Moderator:** John C Criscione  
**Digital Moderator:** Elmir Omerovic  
**Discussants:** Steven W. Boyce, Bartley P. Griffith, Spencer H. Kubo, Hiroo Takayama  
**Digital Panelists:** Amal Kumar Banerjee, Peter Carson, Guillermo Torre-Amione

3:47 PM	<b>LVADs for Chronic Heart Failure - Lessons Learned from HMII, HVAD, Jarvik, and Others</b> Bartley P. Griffith
4:02 PM	<b>TCT 78: Predictors of Survival in Patients Undergoing Transcatheter Aortic Valve Closure for Significant Left Ventricular Assist Device-Associated Aortic Insufficiency</b> Elizabeth Retzer
4:12 PM	<b>HeartMate III</b> Hiroo Takayama
4:24 PM	<b>MVAD</b> Steven W. Boyce
4:36 PM	<b>Jarvik</b> Bartley P. Griffith
4:48 PM	<b>TCT 79: Myocardial Recovery in Ambulatory Heart Failure Patients Treated with the C-Pulse Cardiac Assist System: A Single-Center Experience</b> Sanjeev Aggarwal
4:58 PM	<b>Mini-Pumps for Chronic Heart Failure</b> Saibal Kar
5:13 PM	<b>Cardiac Compression Devices</b> John C Criscione
5:28 PM	<b>TCT 428: First Percutaneous Transluminal Caval Flow Restriction in a Patient with Congestive Heart Failure</b> Jose Herrera
5:38 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>

**Didactic Symposia: LAA Closure 2**

Accreditation: CME/CNE

Tuesday, September 16  
2:00 PM - 6:00 PM  
Room: Level 1, Room 146A

**2:00 PM - 3:21 PM**      **Session IV. Technique of LAA Closure I**

**Moderators:** Ted E. Feldman, Saibal Kar  
**Digital Moderator:** Zoltan G. Turi  
**Discussants:** Krzysztof Bartus, Rebecca T. Hahn, David Meerkin  
**Digital Panelists:** Ronald K. Binder, Daniel J. McCormick

2:00 PM	<b>TEE Assessment Before, During, and After LAA Closure</b> Bushra S Rana
2:12 PM	<b>How to Perform Transseptal Puncture for LAA Closure</b> Hosakote Nagaraj
2:20 PM	<b>How to Obtain Pericardial Access for LAA Closure</b> Randall J. Lee
2:28 PM	<b>How to Prevent and Treat Pericardial Effusion After Transpericardial LAA Closure</b>

DJ Lakkireddy

- 
- 2:36 PM     **Anticoagulation After LAA Closure in Anticoagulation Eligible and Ineligible Patients**  
Jacqueline Saw
- 
- 2:44 PM     **Edited Taped Case: Tips and Tricks of LAA Closure**  
Horst Sievert
- 
- 2:56 PM     **Challenging Case Presentation: Complex LAA Closure Due to Difficult Anatomy**  
Brian K. Whisenant
- 
- 3:06 PM     **Roundtable Discussion with Audience Q&A**

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**3:21 PM - 4:13 PM**

**Session V. Technique of LAA Closure II**

**Moderators:** Saibal Kar, Horst Sievert  
**Digital Moderator:** Jochen Wöhrle  
**Discussants:** DJ Lakkireddy, Brij Maini, Teguh Santoso  
**Digital Panelists:** Ian C. Gilchrist, Alexey Protopopov

- 
- 3:21 PM     **Watchman Step-by-Step**  
Saibal Kar
- 
- 3:34 PM     **Amplatzer Cardiac Plug (ACP) Step-by-Step**  
Josep Rodés-Cabau
- 
- 3:47 PM     **Transpericardial LAA Closure with the Lariat Step-by-Step**  
Krzysztof Bartus
- 
- 4:00 PM     **Roundtable Discussion with Audience Q&A**

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**4:13 PM - 5:13 PM**

**Session VI. Early Experience with New Devices**

**Moderators:** Reda Ibrahim, Horst Sievert  
**Digital Moderator:** Maurice Buchbinder  
**Discussants:** Ted E. Feldman, Randall J. Lee, Ramon Quesada  
**Digital Panelists:** Alexey Protopopov, Jacqueline Saw

- 
- 4:13 PM     **WaveCrest**  
Brian K. Whisenant
- 
- 4:23 PM     **Liftech LAA Occluder**  
Horst Sievert
- 
- 4:33 PM     **Occlutech LAA Occluder**  
Iqbal Malik
- 
- 4:43 PM     **AEGIS**  
Krzysztof Bartus
- 
- 4:53 PM     **PROLIPSIS**  
Eleftherios Sideris
- 
- 5:03 PM     **Roundtable Discussion with Audience Q&A**

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**5:13 PM - 6:00 PM**

**Session VII. Abstracts**

**Moderators:** Josep Rodés-Cabau, Peter B Sick  
**Digital Moderator:** Krzysztof Bartus  
**Discussants:** Reda Ibrahim, Randall J. Lee, Jacqueline Saw  
**Digital Panelists:** Evgeny V. Merkulov, Zoltan G. Turi

- 
- 5:13 PM     **TCT 173: Percutaneous Closure of Left Atrial Appendage Guided by Intracardiac Echocardiography from the Left Atrium**  
Charbel Naim
- 
- 5:23 PM     **Roundtable Discussion with Audience Q&A**
- 
- 5:28 PM     **TCT 174: Cardiac CT Angiography Is a Useful Noninvasive Surveillance Imaging Test After Percutaneous Left Atrial Appendage Closure**  
Jacqueline Saw
- 
- 5:38 PM     **Roundtable Discussion with Audience Q&A**
- 
- 5:43 PM     **TCT 175: Preclinical Study of the Novel Generation of Watchman for Left Atrial Appendage Occlusion**  
Dongming Hou

## Didactic Symposia: LM &amp; Bifurcation Summit 2

Accreditation: CME/CNE

Tuesday, September 16

2:00 PM - 6:10 PM

Room: Level 2, Room 207A/B

**2:00 PM - 2:51 PM****Session I. Introductory Lectures****Moderators:** Jean Fajadet, Marie-Claude Morice**Digital Moderator:** Margaret B. McEntegart**Discussants:** Vasim Farooq, Michael S. Lee, Pedro A. Lemos, Sundeep Mishra, David G. Rizik**Digital Panelists:** Surya Dharma, Jamil Abdalla Saad

2:00 PM **Left Main Coronary Artery Disease: Pathology, Pathophysiology, and Clinical Presentation**  
David E. Kandzari

2:07 PM **Special Lecture: What Have I Learned from Treating Left Main Bifurcation Lesions in the Last 20 Years?**  
Seung-Jung Park

2:15 PM **Summary of Current US and EU Guidelines and AUC for Left Main Revascularization: Consistencies and Gaps**  
Ajay J. Kirtane

2:22 PM **Fundamentals of Left Main Intervention: Managing Guidelines/AUC, Cardiac Surgeons, and the Heart Team**  
Nicholas J. Lembo

2:29 PM **Practical Recommendations for the Use of Risk Scores**  
Davide Capodanno

2:36 PM **Nuances of Calculating the Syntax Score: Where Mistakes are Made**  
Philippe G n reux

2:43 PM **Roundtable Discussion with Audience Q&A**

**2:51 PM - 4:27 PM****Session II. Left Main Revascularization: The Data****Moderators:** Davide Capodanno, Evald H. Christiansen**Digital Moderator:** R. Stefan Kiesz**Discussants:** John McB. Hodgson, Samuel K. Mathew, Christoph K. Naber, David Taggart, Marco V. Wainstein**Digital Panelists:** Pedro A. Lemos, David G. Rizik

2:51 PM **TCT 222: Outcomes of Medical Treatment for Unprotected Left Main Coronary Artery Stenosis**  
Jae Hyung Roh

2:59 PM **Most Important Left Main Lessons from Syntax**  
Marie-Claude Morice

3:06 PM **Left Main Stent Thrombosis: New Insights Into the Scope of the Problem**  
Patrick W. Serruys

3:13 PM **Left Main Restenosis: Frequency, Implications, and Management**  
Adrian P. Banning

3:20 PM **New Data from the DELTA Registry**  
Alaide Chieffo

3:27 PM **New Data from ISAR Left Main I and II**  
Stefanie Schulz

3:34 PM **Insights from the MITO Registry**  
Sunao Nakamura

3:41 PM **Long-term Results of PCI vs CABG in 4,046 Patients with Left Main Disease: A Single-Center Experience**  
Zhe Zheng

3:48 PM **Outcomes from the Florence Registry**  
David Antoniucci

3:55 PM	<b>TCT 223: Clinical Outcomes of Left Main Stenting With or Without Aorto-Ostial Coverage: Data from ASAN-MAIN Registry</b> Hyo In Choi
4:03 PM	<b>The Latest and Most Comprehensive Left Main PCI vs CABG Registry</b> Samir R. Kapadia
4:10 PM	<b>Special Lecture: Predicting the EXCEL Results from the SYNTAX Score II</b> Patrick W. Serruys
4:17 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>

**4:27 PM - 5:46 PM**

**Session III. Left Main PCI Technique**

**Moderators:** Andrejs Erglis, Nicholas J. Lembo

**Digital Moderator:** Hadley Wilson

**Discussants:** Michalis Hamilos, Thierry Lefevre, Massimo Napodano, Alfredo E. Rodriguez

**Digital Panelists:** Abid Assali, Samer Mansour, James C. Spratt

4:27 PM	<b>Choice of Metallic DES Stents for Left Main Bifurcation Stenting: Are Some “More Equal” Than Others?</b> Nicolas Foin
4:33 PM	<b>Have Second-Generation DES Improved the Results of Left Main PCI Sufficiently Enough to Alter PCI vs CABG Decision Making?</b> Pieter C. Smits
4:40 PM	<b>Dedicated Stents for Left Main PCI: Tryton, Axxess, Stentys, and Others</b> Pilar Jimenez
4:47 PM	<b>Will Bioresorbable Scaffolds Change How We Think About Left Main PCI?</b> Robert-Jan van Geuns
4:53 PM	<b>How to Use (and Not Abuse) FFR in the Left Main</b> Bernard De Bruyne
5:00 PM	<b>TCT 312: Prediction of the True Fractional Flow Reserve of Left Main Coronary Artery Stenosis with Concomitant Downstream Stenoses: In Vitro and In Vivo Experiments</b> Erika Yamamoto
5:08 PM	<b>How to Use (and Not Abuse) IVUS in the Left Main</b> Jose M. de la Torre Hernandez
5:15 PM	<b>An Algorithm to Choose Between 1 vs 2 Stents in the Left Main (and Which 2-Stent Technique)</b> Jean Fajadet
5:22 PM	<b>Top 7 Technique Tricks and Tips for Successful Left Main PCI</b> Corrado Tamburino
5:29 PM	<b>Restenosis of the Ostial Circumflex: How to Prevent and How to Treat</b> Fernando Alfonso
5:36 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>

**5:46 PM - 6:10 PM**

**Session IV. Left Main Cases**

**Moderators:** Yves R. Louvard, Raj Makkar

**Digital Moderator:** Afzalur Rahman

**Discussants:** Teguh Santoso, Yuejin Yang

**Digital Panelist:** Michalis Hamilos

**Digital Panelist:** Stefan Harb

5:46 PM	<b>A Complex Left Main Bifurcation</b> <b>Case Presenter:</b> Corrado Tamburino
5:52 PM	<b>A Complex Left Main Trifurcation</b> <b>Case Presenter:</b> Jeffrey W. Moses
5:58 PM	<b>A Left Main PCI I Wish I Had Turned Down</b> <b>Case Presenter:</b> Alfredo E. Rodriguez
6:04 PM	<b>A Left Main CABG I Wish I Had Turned Down</b> <b>Case Presenter:</b> A. Pieter Kappetein

## Didactic Symposia: Radial Access & Intervention

Accreditation: CME/CNE

Tuesday, September 16

2:00 PM - 6:00 PM

Room: Level 1, Room 150A/B

### 2:00 PM - 3:06 PM

#### Session I. Controversies in Transradial PCI

**Moderators:** Olivier F. Bertrand, Yves R. Louvard

**Digital Moderator:** Herbert D. Aronow

**Discussants:** Warren J. Cantor, Christopher Pyne, Ramiro Trillo, Thomas M Tu

**Digital Panelists:** Pierfrancesco Agostoni, Chi-Kin Chan

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|---------|--|
| 2:00 PM | <b>Testing for Dual Circulation to the Hand: Myths, Realities, and Recommendations for Practice</b><br>Ian C. Gilchrist          |
| 2:12 PM | <b>Radiation Exposure FACTS: Is Transradial Worse than Transfemoral? (and How to Minimize the Difference)</b><br>Sanjit S. Jolly |
| 2:24 PM | <b>Transradial Primary PCI in STEMI: Benefits, Mechanisms, and Practical Issues</b><br>David E. Kandzari                         |
| 2:39 PM | <b>Volume–Outcome Relationships in Transradial PCI and the Learning Curve</b><br>Sunil V. Rao                                    |
| 2:51 PM | <b>Roundtable Discussion with Audience Q&amp;A</b>   |
- 

### 3:06 PM - 4:06 PM

#### Session II. Abstract Session

**Moderators:** Sanjit S. Jolly, Sunil V. Rao

**Digital Moderator:** Mauricio G. Cohen

**Discussants:** Pierfrancesco Agostoni, Ivo Bernat, Gilles Montalescot, James Nolan, Samir B. Panchoy

**Digital Panelist:** Ronald Caputo

**Digital Panelist:** Hosakote Nagaraj

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|---------|---|
| 3:06 PM | <b>TCT 195: Transradial Approach for Coronary Chronic Total Occlusion Interventions: Insights from a Contemporary Multicenter Registry</b><br>Georgios Christopoulos  |
| 3:16 PM | <b>Roundtable Discussion with Audience Q&amp;A</b>  |
| 3:21 PM | <b>TCT 840: Gender Specific Analysis of the Randomized ISAR-CLOSURE Trial: The Comparison of Vascular Closure Devices Versus Manual Compression After Femoral Artery Puncture</b><br>Sandra Helde   |
| 3:31 PM | <b>Roundtable Discussion with Audience Q&amp;A</b>  |
| 3:36 PM | <b>TCT 818: A Comparison of Transradial Approach vs Transfemoral Approach for Percutaneous Coronary Intervention in Women: A Propensity-Score-Matching Analysis</b><br>Peiyuan He   |
| 3:46 PM | <b>Roundtable Discussion with Audience Q&amp;A</b>  |
| 3:51 PM | <b>TCT 819: Successive Transradial Approach is Associated with an Acceptable Success Rate and a Lower Risk of Vascular Complications Compared to the Transfemoral Approach in Patients Undergoing Repeat Percutaneous Coronary Intervention</b><br>Payam Dehghani |
| 4:01 PM | <b>Roundtable Discussion with Audience Q&amp;A</b>  |
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### 4:06 PM - 4:57 PM

#### Session III. Total Arm Access – The Future of Transradial

**Moderators:** Philippe Généreux, Yves R. Louvard

**Digital Moderator:** Luis A. Guzman

**Discussants:** Olivier F. Bertrand, Francesco Burzotta, Douglas G. Fraser, Sanjit S. Jolly, Jennifer A. Tremmel

**Digital Panelists:** Rajesh K Kharbanda, Iveta Tasheva

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- |         |   |
|---------|---|
| 4:06 PM | <b>Case Presentation: Transradial Closure of Ventricular Septal Defect</b><br><b>Case Presenter:</b> Kintur Sanghvi |
| 4:16 PM | <b>Ulnar Access: A Reasonable Alternative?</b><br>Sasko Kedev   |
-

- 4:26 PM      **Sheath Innovation: The SACRED Study**  
Rod H. Stables
- 
- 4:34 PM      **Transradial Peripheral Intervention: What is Feasible? What Equipment Do We Need?**  
Christopher J J. White
- 
- 4:44 PM      **Roundtable Discussion with Audience Q&A**

**4:57 PM - 6:00 PM**

**Session IV. Transradial Case Presentations**

**Moderators:** Olivier F. Bertrand, Philippe Généreux  
**Digital Moderator:** David E. Kandzari  
**Discussants:** William Bachinsky, Mauricio G. Cohen, John T. Coppola, Run-Lin Gao, Sunil V. Rao  
**Digital Panelists:** Michael J. Cowley, Marin Postu

- 4:57 PM      **My Best Radial Case Last Year and What I Learned**  
**Case Presenter:** Tejas Patel
- 
- 5:09 PM      **My Worst Radial Case Last Year and What I Learned**  
**Case Presenter:** Yves R. Louvard
- 
- 5:21 PM      **Case Presentation: I Wish I Had Gone Radial!**  
**Case Presenter:** Douglas E. Drachman
- 
- 5:33 PM      **Case Presentation: I Wish I Had Gone Femoral!**  
**Case Presenter:** Robert J. Applegate
- 
- 5:45 PM      **Roundtable Discussion with Audience Q&A**

**Didactic Symposia: STEMI & NSTEMI**

Accreditation: CME/CNE

Tuesday, September 16  
 2:00 PM - 6:15 PM  
 Room: Level 2, Room 201

**2:00 PM - 2:56 PM**

**Session I. STEMI and NSTEMI: Big Picture Issues**

**Moderators:** Christopher B. Granger, Marco Valgimigli  
**Digital Moderator:** David A. Cox  
**Discussants:** Eric R. Bates, Dariusz Dudek, William J. French, Graham Nichol  
**Digital Panelists:** Rodrigo Estevez, Eun-Seok Shin

- 2:00 PM      **Country by Country Variation in STEMI Management and Outcomes: Latest Stent for Life Data**  
Petr Kala
- 
- 2:08 PM      **Improving STEMI Processes of Care, Choosing the Right Metrics, and Assessing Outcomes: Is It All About Door-to-Balloon Time?**  
Alice K. Jacobs
- 
- 2:18 PM      **Transradial Intervention in ACS: What are the Benefits (and Why)?**  
Robert W. Yeh
- 
- 2:28 PM      **A Rational Approach for Stent Selection in ACS: BMS vs Metallic DES vs BRS**  
Huay Cheem Tan
- 
- 2:38 PM      **TCT 2: Incidence and Impact of Totally Occluded Culprit Arteries in Patients with Non-ST-Segment Elevation**  
Josephine Warren
- 
- 2:46 PM      **Roundtable Discussion with Audience Q&A**

**2:56 PM - 3:28 PM**

**Session II. New Insights Into Less Common Causes of STEMI**

**Moderators:** Christian W. Hamm, Patrick T. O'Gara  
**Digital Moderator:** Peter L. Duffy  
**Discussants:** Abid Assali, Rajiv Gulati, Elmir Omerovic, Pascal Vranckx  
**Digital Panelists:** Steven R. Bailey, Jan C Hoorntje

- 2:56 PM      **Approach to the Diagnosis and Treatment of Takotsubo Syndrome: The New ESC Consensus Document**  
Elmir Omerovic

3:04 PM	<b>Novel Angiographic Features and Clinical Implications in Spontaneous Coronary Artery Dissection</b> Rajiv Gulati
3:12 PM	<b>TCT 9: Spontaneous Coronary Artery Dissection: Association with Predisposing Arteriopathies and Precipitating Stressors and Cardiovascular Outcomes</b> Jacqueline Saw
3:20 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>

**3:28 PM - 3:56 PM**

**Session III. Utility of Intravascular Imaging and FFR in ACS**

**Moderators:** Nils Johnson, Bernhard Witzenbichler  
**Digital Moderator:** Michel R. Le May  
**Discussants:** Andreas Baumbach, Morton J. Kern, Sameer Mehta, Francesco Prati  
**Digital Panelists:** Istvan F Edes, Ning Guo, Jian Liu

3:28 PM	<b>Role of FFR, IMR, and Other Physiologic Measures in NSTEMI-ACS and STEMI</b> Colin Berry
3:38 PM	<b>Role of Intravascular Imaging in NSTEMI-ACS and STEMI</b> Fernando Alfonso
3:48 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>

**3:56 PM - 4:44 PM**

**Session IV. Investigational Pharmacologic Agents in STEMI**

**Moderators:** A. Michael Lincoff, Franz-Josef Neumann  
**Digital Moderator:** Amir Lerman  
**Discussants:** Thomas Engstroem, C. Michael Gibson, Christopher B. Granger, Michel Ovize, Marc S. Sabatine  
**Digital Panelists:** John A. Bittl, Sherif Mohamed Fayek EITobgi

3:56 PM	<b>Cyclosporine and the CIRCUS Trial</b> Michel Ovize
4:06 PM	<b>GLP-1 Analogues for Cardioprotection</b> Thomas Engstroem
4:16 PM	<b>Bendavia to Prevent Mitochondrial Transition Pore Opening</b> C. Michael Gibson
4:26 PM	<b>P38 MAP Kinase Inhibitors in STEMI</b> Christopher B. Granger
4:36 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>

**4:44 PM - 6:15 PM**

**Session V. Hot Topics in STEMI**

**Moderator:** Francisco Fdez-Aviles  
**Digital Moderator:** Abhiram Prasad  
**Discussants:** John A. Ambrose, David A. Cox, Timothy D. Henry, Michael Mooney, Mohamed Sobhy, Jean-François Tanguay, Marco V. Wainstein  
**Digital Panelists:** Josko Bulum, Theresa Franklin-Bond

4:44 PM	<b>STREAMlining Contemporary Use of Lytic Therapy</b> Warren J. Cantor
4:54 PM	<b>Managing Multivessel Disease in STEMI: From PRAMI to CVLPRIT</b> Anthony H. Gershlick
5:04 PM	<b>Concept, Practice, and Outcomes of Deferred PCI in Thrombotic STEMI Culprit Lesions</b> Marco Valgimigli
5:12 PM	<b>Thrombectomy in STEMI: In Whom, How, and Why?</b> Sanjit S. Jolly
5:22 PM	<b>Outcomes with an Embolic Protection Stent in STEMI</b> Gregg W. Stone
5:30 PM	<b>TCT 13: Final 2-Year Results of the APPOSITION III Study Evaluating the Use of the STENTYS Self-Apposing Stent for the Treatment of ST-Segment Elevation Myocardial Infarction in the Setting of Primary PCI</b> Maik Grundeken
5:38 PM	<b>Should Out-of-Hospital Cardiac Arrest Survivors "With and Without ST-Segment Elevations" Undergo Immediate Cardiac Catheterization?</b> Ivan C. Rokos

5:46 PM	<b>Hypothermia #1: Critical Appraisal of Hypothermia Outcomes in Out-of-Hospital Cardiac Arrest</b> Michel R. Le May
5:54 PM	<b>Hypothermia #2: Critical Appraisal of Hypothermia Outcomes for Infarct Size Reduction: Integrated Analysis of All Clinical Studies</b> David Erlinge
6:04 PM	<b>Roundtable Discussion with Audience Q&amp;A</b>

#### Didactic Symposia: TAVR: Today & Tomorrow 4

Accreditation: CME/CNE

Tuesday, September 16

2:00 PM - 6:20 PM

Room: Level 2, Room 202A/B

#### 2:00 PM - 3:10 PM

#### Session X. TAVR Clinical Issues – Complex Case Management I

**Moderators:** Philippe Pibarot, Allan Schwartz

**Digital Moderator:** Gary Gershony

**Discussants:** Peter Boekstegers, David Hildick-Smith, Anna Sonia Petronio, Simon Redwood, Wilson Y. Szeto, Alan Zajarias

**Digital Panelists:** Roger J. Laham, Darren L. Walters

2:00 PM -  
2:12 PM

#### Low Flow – Low Gradient Aortic Stenosis

2:00 PM **Case Presentation**  
**Case Presenter:** Isaac George

2:05 PM **Thoughtful Commentary**  
**Commentator:** Philippe Pibarot

2:10 PM **Discussion**

2:12 PM -  
2:24 PM

#### Aortic Stenosis with Extreme Comorbidities and Frailty (Futile Patient?)

2:12 PM **Case Presentation**  
**Case Presenter:** Philip Green

2:17 PM **Thoughtful Commentary**  
**Commentator:** David J. Cohen

2:22 PM **Discussion**

2:24 PM -  
2:36 PM

#### Moderate Aortic Stenosis with CHF

2:24 PM **Case Presentation**  
**Case Presenter:** Hemal Gada

2:29 PM **Thoughtful Commentary**  
**Commentator:** A. Pieter Kappetein

2:34 PM **Discussion**

2:46 PM -  
2:58 PM

#### Aortic Stenosis with Simple and Complex CAD

2:46 PM **Case Presentation**  
**Case Presenter:** Tamim Nazif

2:51 PM **Thoughtful Commentary**  
**Commentator:** Jean-Michel Paradis

2:56 PM **Discussion**

2:58 PM -  
3:10 PM

#### Aortic Stenosis and Mitral Regurgitation

2:58 PM **Case Presentation**  
**Case Presenter:** Alan Zajarias



3:03 PM **Thoughtful Commentary**  
**Commentator:** Marco Barbanti

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3:08 PM **Discussion**

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2:36 PM **TCT 697: Is Transcatheter Aortic Valve Replacement the Best Option for Patients with Severe Aortic Stenosis and Small Aortic Annulus? Insights from the PARTNER Trial**  
Josep Rodés-Cabau

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2:44 PM **Discussion**

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**3:10 PM - 4:20 PM**

**Session XI. TAVR Clinical Issues – Complex Case Management II**

**Moderators:** James B. Hermiller Jr, Susheel Kodali

**Digital Moderator:** Augusto D. Pichard

**Discussants:** Robert O. Bonow, A. Pieter Kappetein, Allan Schwartz, Hendrik Treede, Olaf Wendler, Steven J. Yakubov

**Digital Panelists:** Jose Armando Mangione, Douglas F Muir

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3:10 PM -  
3:22 PM

**Bicuspid Aortic Valve Disease**

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3:10 PM **Case Presentation**  
**Case Presenter:** Fabian Nietlispach

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3:15 PM **Thoughtful Commentary**  
**Commentator:** Jean-Claude Laborde

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3:20 PM **Discussion**

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3:22 PM -  
3:34 PM

**Severe Asymptomatic Aortic Stenosis**

---

3:22 PM **Case Presentation**  
**Case Presenter:** Tamim Nazif

---

3:27 PM **Thoughtful Commentary**  
**Commentator:** Allan Schwartz

---

3:32 PM **Discussion**

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3:34 PM -  
3:46 PM

**Aortic Stenosis with Severe COPD**

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3:34 PM **Case Presentation**  
**Case Presenter:** David L. Brown

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3:39 PM **Thoughtful Commentary**  
**Commentator:** Vinod H. Hourani

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3:44 PM **Discussion**

---

3:46 PM -  
3:58 PM

**Aortic Stenosis and High Surgical Risk**

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3:46 PM **Case Presentation**  
**Case Presenter:** Omar K. Khaliq

---

3:51 PM **Thoughtful Commentary**  
**Commentator:** Hendrik Treede

---

3:56 PM **Discussion**

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3:58 PM -  
4:10 PM

**Aortic Stenosis with Severe LV Dysfunction**

---

3:58 PM **Case Presentation**  
**Case Presenter:** Jean-Michel Paradis

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4:03 PM **Thoughtful Commentary**  
**Commentator:** Olaf Wendler

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4:08 PM **Discussion**

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4:10 PM **TCT 699: The Effect of Tricuspid Regurgitation and Right Ventricular Dysfunction on Mortality in High-Risk Patients Undergoing Transcatheter Aortic Valve Replacement: An Analysis of the PARTNER II Inoperable Cohort**  
Alan Zajarias

4:18 PM Discussion

**4:20 PM - 6:20 PM Session XII. TAVR Clinical Issues – Procedural Considerations**

**Moderators:** Eberhard Grube, Vinod H. Thourani

**Digital Moderator:** Mayra Guerrero

**Discussants:** George D. Dangas, Rebecca T. Hahn, Ganesh Manoharan, Fabian Nietlispach, Thomas Walther, Mathew Williams

**Digital Panelists:** Jean-Michel Paradis, Miguel Oscar Payaslian

4:20 PM -  
4:40 PM

**Simplifying TAVR Procedures – Flash Debate**

4:20 PM **The “Minimalist” Approach Improves Efficiency and Reduces Costs Without Compromising Clinical Outcomes!**  
Ganesh Manoharan

4:28 PM **The “Traditional” Approach (TEE and General Anesthesia) Is Still Preferred in Most Patients!**  
Martyn R. Thomas

4:36 PM Discussion

4:40 PM -  
4:50 PM

**Early Discharge After TAVR**

4:40 PM **TCT 701: A Multidisciplinary, Multimodality but Minimalist (3M) Approach to Transfemoral Transcatheter Aortic Valve Replacement Facilitates Safe Next-Day Discharge Home in High-Risk Patients: 1-Year Follow-up**  
Danny Dvir

4:48 PM Discussion

4:50 PM -  
5:17 PM

**TAVR Access Site Alternatives**

4:50 PM **The Percutaneous Transfemoral Approach Is Preferred in Most Patients – Case Selection, Technique, and Outcomes!**  
Mathew Williams

4:58 PM **Transapical TAVR Is a Worthy Alternative – Recent Outcomes, Advantages, and Optimal Patient Profile!**  
Thomas Walther

5:06 PM **When and How to Use Carotid Access for TAVR**  
Vinod H. Thourani

5:11 PM **Transcaval Retrograde TAVR in Selected Patients – Technique and Outcomes**  
Adam B. Greenbaum

5:15 PM Discussion

5:17 PM -  
6:20 PM

**TAVR Procedural “Tips and Tricks” and Clinical Vignettes**

5:17 PM **Optimal Valve Sizing Algorithms for Self-Expanding TAVR**  
Jeffrey J. Popma

5:22 PM **Optimal Valve Sizing Algorithms for Balloon-Expandable TAVR**  
Susheel Kodali

5:27 PM **TCT 700: Multicenter Evaluation of Transcatheter Aortic Valve Replacement Using Either SAPIEN XT or CoreValve: Degree of Device Oversizing and Clinical Outcomes**  
Danny Dvir

5:35 PM Discussion

5:37 PM **Reducing Predilation Before TAVR: How to Improve Outcomes and SIMPLIFY Your Life**  
Eberhard Grube

5:43 PM **Optimal Postdilation After TAVR: Indications, Safety, and Outcomes**  
Rebecca T. Hahn

5:49 PM Discussion

5:51 PM **TAVR “Combined Procedures” - Coronary Stenting and LAA Closure**  
Fabian Nietlispach

5:58 PM Discussion

6:00 PM	<b>Adjunctive Pharmacotherapy During and After TAVR: BRAVO 3 and Beyond</b> George D. Dangas
6:08 PM	<b>Discussion</b>
6:10 PM	<b>TCT 698: Aortic Valve-in-Valve Implantation Inside Stented vs Stentless Bioprotheses: Insights from the Global Valve-in-Valve Registry</b> Danny Dvir
6:18 PM	<b>Discussion</b>

### International Session: How to Treat Tough CTO Cases

Accreditation: CME

Tuesday, September 16

8:00 AM - 10:00 AM

Room: Lower Level, Presentation Theater 2

<b>8:00 AM - 8:30 AM</b>	<b>Session I. China Presents to India</b> <b>Moderators:</b> Amal Kumar Banerjee, Praveen Chandra, Junbo Ge, Dimitri Karpaliotis <b>Discussants:</b> Jiyan Chen, Xianghua Fu, Rony Mathew
8:00 AM	<b>Case #1: Heavily Calcified RCA CTO: From Impossible to Possible!</b> <b>Case Presenter:</b> Lei Ge
8:07 AM	<b>How Would I Treat This Patient?</b>
8:14 AM	<b>How Did I Treat This Patient?</b> <b>Case Presenter:</b> Lei Ge
8:21 AM	<b>Roundtable Discussion with Audience Q&amp;A</b>
<b>8:30 AM - 9:00 AM</b>	<b>Session II. India Presents to China</b> <b>Moderators:</b> Amal Kumar Banerjee, Praveen Chandra, Junbo Ge, Dimitri Karpaliotis <b>Discussants:</b> Jiyan Chen, Xianghua Fu, Rony Mathew
8:30 AM	<b>Case #2: A Tough Call on Retrograde vs Antegrade (or Both)</b> <b>Case Presenter:</b> Ajit Mulasari
8:37 AM	<b>How Would I Treat This Patient?</b> Jiyan Chen
8:44 AM	<b>How Did I Treat This Patient?</b> <b>Case Presenter:</b> Ajit Mulasari
8:51 AM	<b>Roundtable Discussion with Audience Q&amp;A</b>
<b>9:00 AM - 9:30 AM</b>	<b>Session III. China Presents to India</b> <b>Moderators:</b> Amal Kumar Banerjee, Praveen Chandra, Xianghua Fu, Junbo Ge, Dimitri Karpaliotis <b>Discussants:</b> Jiyan Chen, Rony Mathew
9:00 AM	<b>Case #3: Stuck Rotablator Burr During Retrograde PCI for a Heavily Calcified Tortuous CTO</b> <b>Case Presenter:</b> Bin Zhang
9:07 AM	<b>How Would I Treat This Patient?</b> Rabin dra Nath Chakraborty
9:14 AM	<b>How Did I Treat This Patient?</b> <b>Case Presenter:</b> Bin Zhang
9:21 AM	<b>Roundtable Discussion with Audience Q&amp;A</b>
<b>9:30 AM - 10:00 AM</b>	<b>Session IV. India Presents to China</b> <b>Moderators:</b> Amal Kumar Banerjee, Praveen Chandra, Junbo Ge, Dimitri Karpaliotis <b>Discussants:</b> Jiyan Chen, Xianghua Fu, Rony Mathew
9:30 AM	<b>Case #4: Calcified CTO and Balloon Not Crossing... What to Do?</b>

**Case Presenter:** Praveen Chandra

- 
- 9:37 AM      **How Would I Treat This Patient?**  
Xianghua Fu
- 
- 9:44 AM      **How Did I Treat This Patient?**  
**Case Presenter:** Praveen Chandra
- 
- 9:51 AM      **Roundtable Discussion with Audience Q&A**

### International Session: Radial Access for Endo/STEMI

Accreditation: CME

Tuesday, September 16

8:00 AM - 9:00 AM

Room: Lower Level, Presentation Theater 1

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**8:00 AM - 8:30 AM**

**Session I. Bulgaria Presents to FYR Macedonia**

**Moderators:** Philippe G n reux, Sasko Kedev, Ivo Petrov  
**Discussants:** Slobodan Antov, Kostadin Kichukov, Jorgo Kostov, Iveta Tasheva

- 
- 8:00 AM      **Cases #1 and #2: Two Cases of Radial Approach for Complicated Endovascular Procedures: Subtotal Stenosis of the Aorta and of a Carotid Artery**  
**Case Presenters:** Kostadin Kichukov, Iveta Tasheva
- 
- 8:08 AM      **How Would I Treat These Patients?**  
Slobodan Antov, Jorgo Kostov
- 
- 8:14 AM      **How Did I Treat These Patients?**  
**Case Presenters:** Kostadin Kichukov, Iveta Tasheva
- 
- 8:22 AM      **Roundtable Discussion with Audience Q&A**
- 
- 8:27 AM      **Consensus and Take-home Messages**  
Ivo Petrov

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**8:30 AM - 9:00 AM**

**Session II. FYR Macedonia Presents to Bulgaria**

**Moderators:** Philippe G n reux, Sasko Kedev, Ivo Petrov  
**Discussants:** Slobodan Antov, Kostadin Kichukov, Jorgo Kostov, Iveta Tasheva

- 
- 8:30 AM      **Cases #3 and #4: Two Cases with Thrombus Management During the Radial Approach for STEMI: Routine, Selective, or Never?**  
**Case Presenter:** Jorgo Kostov
- 
- 8:38 AM      **How Would I Treat These Patients?**  
Kostadin Kichukov
- 
- 8:42 AM      **How Did I Treat These Patients?**  
**Case Presenter:** Slobodan Antov
- 
- 8:50 AM      **Roundtable Discussion with Audience Q&A**
- 
- 8:57 AM      **Consensus and Take-home Messages**

### International Session: Complex PCI in ACS

Accreditation: CME

Tuesday, September 16

9:00 AM - 10:30 AM

Room: Lower Level, Presentation Theater 1

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**9:00 AM - 9:30 AM**

**Session I. Presentation from Greece**

**Moderators:** Matjaz Bunc, Ariel Finkelstein, Susheel Kodali, Georgios Sianos  
**Discussants:** Georgios C Bompotis, Marko Noc, Uri Rosenschein

- 
- 9:00 AM      **Case #1: CTO in the Setting of ACS**  
                 **Case Presenter:** Aggeliki-Despoina F. Mavrogianni
- 
- 9:05 AM      **How Would I Treat This Patient?**  
                 Marko Noc
- 
- 9:10 AM      **How Did I Treat This Patient?**  
                 **Case Presenter:** Aggeliki-Despoina F. Mavrogianni
- 
- 9:17 AM      **Roundtable Discussion with Audience Q&A**
- 
- 9:25 AM      **Consensus and Take-home Messages**  
                 Georgios Sianos

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**9:30 AM - 10:00 AM**

**Session II. Presentation from Slovenia**

**Moderators:** Matjaz Bunc, Ariel Finkelstein, Susheel Kodali, Georgios Sianos  
**Discussants:** Georgios C Bompotis, Marko Noc, Uri Rosenschein

- 
- 9:30 AM      **Case #2: ACS, Multivessel Disease, and an Uncertain Target Lesion**  
                 **Case Presenter:** Miha Cercek
- 
- 9:35 AM      **How Would I Treat This Patient?**  
                 Eli I. Lev, Uri Rosenschein
- 
- 9:41 AM      **How Did I Treat This Patient?**  
                 **Case Presenter:** Miha Cercek
- 
- 9:48 AM      **Roundtable Discussion with Audience Q&A**
- 
- 9:55 AM      **Consensus and Take-home Messages**  
                 Matjaz Bunc

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**10:00 AM - 10:30 AM**

**Session III. Presentation from Israel**

**Moderators:** Matjaz Bunc, Ariel Finkelstein, Susheel Kodali, Georgios Sianos  
**Discussants:** Georgios C Bompotis, Marko Noc, Uri Rosenschein

- 
- 10:00 AM      **Case #3: Left Main Intervention in ACS**  
                 **Case Presenter:** Paul Fefer
- 
- 10:05 AM      **How Would I Treat This Patient?**  
                 Georgios C Bompotis
- 
- 10:10 AM      **How Did I Treat This Patient?**  
                 **Case Presenter:** Paul Fefer
- 
- 10:17 AM      **Roundtable Discussion with Audience Q&A**
- 
- 10:25 AM      **Consensus and Take-home Messages**  
                 Ariel Finkelstein

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**International Session: Advanced Coronary Intervention**

Accreditation: CME

Tuesday, September 16

10:00 AM - 12:00 PM

Room: Level 2, Exhibit Hall, Presentation Theater 3

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**10:00 AM - 10:40 AM**

**Session I. Complex PCI**

**Moderators:** George D. Dangas, Ziyad M. Hijazi, Roxana Mehran, Abdullah Shehab  
**Discussants:** Mohammad Al-Mutairi, Ahmed Magdy, Husam Noor

- 
- 10:00 AM      **Difficult Primary PCI Decisions**  
                 **Case Presenter:** Abdullah Shehab
- 
- 10:10 AM      **Hemodynamic Support in Complex PCI**

**Case Presenter:** Ahmed Magdy

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10:20 AM     **Difficult Bifurcation Lesion Decisions**  
**Case Presenter:** Abdullah Shehab

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10:30 AM     **Roundtable Discussion with Audience Q&A**

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**10:40 AM - 11:15 AM**

**Session II. BVS Cases**

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**Moderators:** George D. Dangas, Ziyad M. Hijazi, Roxana Mehran, Abdullah Shehab  
**Discussants:** Mohammad Al-Mutairi, Ahmed Magdy, Husam Noor

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10:40 AM     **BVS Gulf Experience and a Complex BVS Implant**  
**Case Presenter:** Arif Al Nooryani

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10:55 AM     **BVS in ACS**  
**Case Presenter:** Mohammad Al-Mutairi

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11:05 AM     **Roundtable Discussion with Audience Q&A**

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**11:15 AM - 12:00 PM**

**Session III.**

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**Moderators:** George D. Dangas, Ziyad M. Hijazi, Roxana Mehran, Abdullah Shehab  
**Discussants:** Mohammad Al-Mutairi, Ahmed Magdy, Husam Noor

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11:15 AM     **TAVR Gulf Experience and a Difficult TAVR Case**  
**Case Presenter:** Mohammed Balghith

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11:30 AM     **ASD/VSD Technical Steps in Management**  
**Case Presenter:** Ziyad M. Hijazi

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11:40 AM     **LAA Closure Gulf Experience and a Challenging Case**  
**Case Presenter:** Arif Al Nooryani

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11:50 AM     **Roundtable Discussion with Audience Q&A**

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### International Session: Challenging Cases in Interv. Cardiol.

Accreditation: CME

Tuesday, September 16

10:30 AM - 11:30 AM

Room: Lower Level, Presentation Theater 1

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**10:30 AM - 11:00 AM**

**Session I. Serbia Presents to Cyprus**

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**Moderators:** Christos Christou, Milan A. Nedeljkovic, Sinisa Stojkovic  
**Discussants:** Branko Beleslin, Milan Dobric, Georgios Georgiou

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10:30 AM     **Case #1: Challenging Recanalization of an LAD**  
**Case Presenter:** Sinisa Stojkovic

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10:35 AM     **How Would I Treat This Patient?**  
Georgios Georgiou

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10:40 AM     **How Did I Treat This Patient?**  
**Case Presenter:** Sinisa Stojkovic

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10:47 AM     **Roundtable Discussion with Audience Q&A**

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10:55 AM     **Consensus and Take-home Messages**  
Milan A. Nedeljkovic

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**11:00 AM - 11:30 AM**

**Session II. Cyprus Presents to Serbia**

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**Moderators:** Christos Christou, Milan A. Nedeljkovic, Sinisa Stojkovic  
**Discussants:** Branko Beleslin, Milan Dobric, Georgios Georgiou

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11:00 AM     **Case #2: Complex Multivessel PCI from the Transradial Approach**  
**Case Presenter:** Christos Christou

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11:05 AM	<b>How Would I Treat This Patient?</b> Branko Beleslin
11:10 AM	<b>How Did I Treat This Patient?</b> <b>Case Presenter:</b> Christos Christou
11:17 AM	<b>Roundtable Discussion with Audience Q&amp;A</b>
11:25 AM	<b>Consensus and Take-home Messages</b> Georgios Georgiou

**Evening Symposium: ACS/STEMI: Focus on Acute Care (Sponsored by Cardiovascular Research Foundation) (Supported by AstraZeneca, Daiichi Sankyo, Inc., Lilly USA, LLC, and The Medicines Company)**

Accreditation: CME

Tuesday, September 16

6:30 PM - 8:38 PM

Room: Marriott Marquis: Level M2, Marquis Ballroom, Salons 1-4

**7:00 PM - 8:38 PM**

**ACS/STEMI: Focus on Acute Care**

**Chairs:** Ajay J. Kirtane, Roxana Mehran

**Discussants:** C. Michael Gibson, Gilles Montalescot, Duane S. Pinto, Matthew J. Price, Philippe Gabriel Steg, Gregg W. Stone

7:00 PM **Welcome, Introductions, and Course Objectives**

**Discussant:** Roxana Mehran

7:02 PM -  
7:45 PM

**TREATMENT OF ACUTE CORONARY SYNDROME**

7:02 PM **Case Presentation: Acute Coronary Syndrome (ACS)**

**Case Presenter:** Ajay J. Kirtane

7:12 PM **Preloading with Antiplatelet Therapies is the Optimal Standard of Care for ACS Patients**  
Matthew J. Price

7:18 PM **Preloading with Antiplatelet Therapies is Up in the Air!**  
Roxana Mehran

7:24 PM **The Forgotten Alternative: What About Bolus-Only GP IIb/IIIa Inhibitors?**  
Duane S. Pinto

7:30 PM **Moderated Case Discussion**

**Moderator:** Ajay J. Kirtane

**Discussants:** Roxana Mehran, Gilles Montalescot, Philippe Gabriel Steg

7:45 PM -  
8:38 PM

**STEMI CASE PRESENTATIONS**

7:45 PM **STEMI Case Presentation**  
**Case Presenter:** Roxana Mehran

7:55 PM **Prasugrel Is the Standard of Care for STEMI**  
Gilles Montalescot

8:02 PM **Ticagrelor Is the Standard of Care for STEMI**  
Philippe Gabriel Steg

8:08 PM **Cangrelor Will Be the New Standard of Care for STEMI**  
Gregg W. Stone

8:14 PM **Not So Fast—Don't Forget GP IIb/IIIa Inhibition in STEMI**  
C. Michael Gibson

8:20 PM **STEMI Roundtable Discussion: What is Next, and How Can We Do Better?**  
**Moderator:** Roxana Mehran

**Evening Symposium: Below the Knee Intervention: Emerging Technological Opportunities in the Drug Delivery Era (Sponsored by Cardiovascular Research Foundation) (Supported by Abbott Vascular, Boston Scientific Corporation, Cook Medical, and Bard/Lutonix)**

Accreditation: CME

Tuesday, September 16

6:30 PM - 8:30 PM

Room: Marriott Marquis: Level M4, Liberty Ballroom, Salons I-L

**7:00 PM - 8:30 PM**

**Emerging Technological Opportunities in the Drug Delivery Era**

**Chairs:** Juan F. Granada, William A. Gray

**Discussants:** Michael R. Jaff, Dierk Scheinert

- 
- 7:00 PM      **An Artery Is Not Just an Artery: Highlighting Differences Between BTK vs Other Vascular Diseases and Therapeutic Challenges**  
Michael R. Jaff
- 
- 7:12 PM      **Discussion**
- 
- 7:22 PM      **BTK Intervention: Technical Challenges and Options in the Real World (Case-Based Presentation)**  
Dierk Scheinert
- 
- 7:34 PM      **Discussion**
- 
- 7:44 PM      **Technical Requirements for the Development of the "Ideal" Local Drug Delivery Device for BTK Intervention**  
Juan F. Granada
- 
- 7:56 PM      **Discussion**
- 
- 8:06 PM      **Designing the Right Trial: Lessons Learned from the IN.Pact DEEP Trial**  
William A. Gray
- 
- 8:18 PM      **Discussion**

**Evening Symposium: Secondary Prevention of Atherothrombotic Events: New Pathways for Platelet Inhibition (Sponsored by Medscape Education) (Supported by Merck & Company)**

Accreditation: CME

Tuesday, September 16

6:30 PM - 8:30 PM

Room: Marriott Marquis: Level M4, Independence Ballroom, Salons A-E

**7:00 PM - 8:30 PM**

**Secondary Prevention of Atherothrombotic Events**

**Chair:** Deepak L. Bhatt

**Discussants:** Eric R. Bates, Sunil V. Rao, Marc S. Sabatine

- 
- 7:00 PM      **Introductions and Pre-test**  
Deepak L. Bhatt
- 
- 7:05 PM      **Review of Current State: Prevention of CV Event Recurrence**  
Deepak L. Bhatt
- 
- 7:10 PM      **Secondary Prevention of ACS: What and Why?**  
Eric R. Bates
- 
- 7:30 PM      **The PAR-1 Receptor as a New Target for Platelet Inhibition**  
Marc S. Sabatine
- 
- 7:50 PM      **Practical Application: Integrating PAR-1-Mediated Platelet Inhibition Into Clinical Practice**  
Sunil V. Rao
- 
- 8:15 PM      **Post-test**  
Deepak L. Bhatt
- 
- 8:20 PM      **Q&A and Concluding Remarks**  
Deepak L. Bhatt



## Hot Topic Lunch: EHJ: Top Abstract Presentations

Accreditation: CME

Tuesday, September 16

12:15 PM - 1:45 PM

Room: Level 1, Room 145B

**12:15 PM - 1:45 PM**

### European Heart Journal Session: Top Oral Abstract Presentations to the Editors

**Moderator:** Thomas F. Luscher

**Discussants:** Bernard De Bruyne, Carlo Di Mario, Bernhard Meier, Patrick W. Serruys

- |          |  |
|----------|--|
| 12:15 PM | <b>TCT 653: Association Between Native Coronary Artery Disease Progression and In-Stent Neoatherosclerosis: A Long-term Angiographic and Optical Coherence Tomography Cohort Study</b><br>Masanori Taniwaki  |
| 12:25 PM | <b>Roundtable Discussion with Audience Q&amp;A</b>   |
| 12:30 PM | <b>TCT 94: Long-term Clinical Outcomes of Patients with Coronary Artery Aneurysm After Drug-Eluting Stent Implantation</b><br>Hyung Joon Joo, MD   |
| 12:40 PM | <b>Roundtable Discussion with Audience Q&amp;A</b>   |
| 12:45 PM | <b>TCT 314: Prevalence Of Coronary Microvascular Dysfunction Amongst Patients with Chest Pain and Nonobstructive Coronary Artery Disease</b><br>Jaskanwal Sara   |
| 12:55 PM | <b>Roundtable Discussion with Audience Q&amp;A</b>   |
| 1:00 PM  | <b>TCT 693: Influence of Body Mass Index on Survival of Aortic Stenosis Patients Treated by Transcatheter Aortic Valve Replacement: Insights on the Obesity Paradox from the PARTNER Trial</b><br>Danny Dvir |
| 1:10 PM  | <b>Roundtable Discussion with Audience Q&amp;A</b>   |
| 1:15 PM  | <b>TCT 694: Early Outcomes with Direct Flow Medical Versus First-Generation Transcatheter Aortic Valve Devices: A Single-Center, Propensity-Matched Analysis</b><br>Gennaro Giustino                         |
| 1:25 PM  | <b>Roundtable Discussion with Audience Q&amp;A</b>   |
| 1:30 PM  | <b>TCT 429: Fetal Pulmonary Valvuloplasty: In Utero and Postnatal Outcomes</b><br>Carlos Pedra   |
| 1:40 PM  | <b>Roundtable Discussion with Audience Q&amp;A</b>   |

## Hot Topic Lunch: Interventional Echo Part 2: Mitral

Accreditation: CME

Tuesday, September 16

1:00 PM - 2:00 PM

Room: Level 1, Room 144C

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

### Echocardiographic Imaging for Mitral Interventions: Seeing Is Believing

**Moderators:** Rebecca T. Hahn, Robert J. Siegel

**Discussants:** Jacob P Dal-Bianco, Paul A. Grayburn, Judy Hung, Neil J. Weissman, Nina C. Wunderlich

- |         |  |
|---------|--|
| 1:00 PM | <b>Imaging for Mitral Interventions: Understanding the Mitral Valve Anatomy</b><br>Judy Hung             |
| 1:10 PM | <b>Preprocedural Imaging: Don't Even Think About a MitraClip for This Patient!</b><br>Jacob P Dal-Bianco |
| 1:20 PM | <b>Intraprocedural Guidance of MitraClip: How to Make it Efficient!</b><br>Nina C. Wunderlich            |
| 1:30 PM | <b>Assessing MR Severity Post-MitraClip: Tips and Tricks with Multiple MR Jets</b><br>Neil J. Weissman   |
| 1:40 PM | <b>Why Final Post-MitraClip MR Severity is Predictive of Outcomes</b><br>Paul A. Grayburn                |

1:50 PM **Roundtable Discussion: New Transcatheter Mitral Procedures - An Echocardiographer's Perspective**

### Hot Topic Lunch: Kidney Ds. & Contrast Nephropathy

Accreditation: CMECNE

Tuesday, September 16  
1:00 PM - 2:00 PM  
Room: Level 1, Room 145A

**1:00 PM - 2:00 PM** **Focus on Chronic Kidney Disease and Contrast-Induced Nephropathy**

**Moderators:** Antonio L. Bartorelli, Somjot S. Brar, Roxana Mehran, Richard Solomon

**Discussants:** Steven R. Bailey, Carlo Briguori, Graham A. Cassel

- 
- 1:00 PM **Intravenous and Oral Hydration to Prevent Contrast Nephropathy**  
Carlo Briguori
- 
- 1:07 PM **Discussion**
- 
- 1:10 PM **Clinical Trial Updates: RenalGuard, AVERT, etc.**  
Roxana Mehran
- 
- 1:17 PM **Discussion**
- 
- 1:20 PM **Flash Debate: Statins for Contrast Nephropathy Prevention – Ready for Prime Time? Pro!**  
Richard Solomon
- 
- 1:27 PM **Flash Debate: Statins for Contrast Nephropathy Prevention – Ready for Prime Time? Con!**  
Somjot S. Brar
- 
- 1:34 PM **Discussion**
- 
- 1:39 PM **Access Site and the Risk of Acute Kidney Injury**  
Hitinder S. Gurm
- 
- 1:46 PM **Discussion**
- 
- 1:49 PM **Case Presentation: A Complex Patient at High Risk for Contrast-Induced Nephropathy**  
**Case Presenter:** Graham A. Cassel
- 
- 1:54 PM **Roundtable Discussion with Audience Q&A**

### Hot Topic Lunch: Radiation Course, Module 4

Accreditation: CMECNE

Tuesday, September 16  
1:00 PM - 2:30 PM  
Room: Level 1, Room 142

**1:00 PM - 2:30 PM** **Radiation Quality Management and Peer Review**

- 
- 1:00 PM **Pretest**  
Stephen Balter
- 
- 1:10 PM **Radiation Quality Management and Peer Review**  
Donald L. Miller
- 
- 1:55 PM **Module 4 Exam**  
Stephen Balter
- 
- 2:05 PM **Discussion and Poster Viewing**  
Stephen Balter

## Hot Topic Lunch: Revasculariz. in Diabetes & MVD

Accreditation: CME/CNE

Tuesday, September 16

1:00 PM - 2:00 PM

Room: Level 1, Room 144B

1:00 PM - 2:00 PM

### Revascularization Decisions in Nondiabetic and Diabetic Patients with Multivessel Disease

**Moderators:** George D. Dangas, Michael E. Farkouh

**Discussants:** Usman Baber, Frederick Feit, David J. Maron, Manish A. Parikh, John D. Puskas

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| 1:00 PM | <b>Case Introduction: A Diabetic Patient with Double Vessel Coronary Artery Disease – How Should We Treat?</b><br><b>Case Presenter:</b> Manish A. Parikh |
| 1:05 PM | <b>The Case for Medical Therapy without Revascularization in Most Patients with and without Diabetes</b><br>David J. Maron                                |
| 1:15 PM | <b>The Case for PCI in Most Patients with Multivessel Disease with and without Diabetes</b><br>Frederick Feit   |
| 1:25 PM | <b>The Case for CABG in Most Patients with Multivessel Disease with and without Diabetes</b><br>John D. Puskas  |
| 1:35 PM | <b>Chronic Renal Failure: An Emerging Important Risk Modifier in Patients with Multivessel CAD with and without Diabetes?</b><br>Usman Baber              |
| 1:42 PM | <b>Roundtable Discussion with Audience Q&amp;A</b>  |
| 1:52 PM | <b>Audience Poll: How Should We Treat the Patient?</b><br><b>Moderator:</b> Michael E. Farkouh  |
| 1:55 PM | <b>Case Conclusion: A Diabetic Patient with Double Vessel Coronary Artery Disease – How Did I Treat?</b><br><b>Case Presenter:</b> Manish A. Parikh       |

## Learn the Technique: Complex Bifurcations

Accreditation: CME

Tuesday, September 16

1:00 PM - 2:00 PM

Room: Level 1, Room 143A

1:00 PM - 2:00 PM

### Complex Bifurcations

**Moderators:** Shao Liang Chen, Issam D. Moussa, Leif Thuesen

**Discussants:** Alaide Chieffo, Niels R. Holm, Tak W. Kwan, Michael Maeng

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|---------|--|
| 1:00 PM | <b>Case #1: Why Bifurcations are Different: An Unexpected Complication</b><br><b>Case Presenter:</b> Issam D. Moussa |
| 1:07 PM | <b>Roundtable Discussion with Audience Q&amp;A</b>   |
| 1:10 PM | <b>Cases #2 and #3: Essentials of One-Stent and Two-Stent Technique Optimization</b><br>Michael Maeng                |
| 1:17 PM | <b>Roundtable Discussion with Audience Q&amp;A</b>   |
| 1:20 PM | <b>Case #4: DK-CRUSH: Advantages and Problems</b><br><b>Case Presenter:</b> Tak W. Kwan                              |
| 1:27 PM | <b>Roundtable Discussion with Audience Q&amp;A</b>   |
| 1:30 PM | <b>Case #5: FFR-Guided Bifurcation Stenting: Perspectives and Problems</b><br><b>Case Presenter:</b> Shao Liang Chen |
| 1:37 PM | <b>Roundtable Discussion with Audience Q&amp;A</b>   |
| 1:40 PM | <b>Case #6: BRS: One Scaffold vs Two Scaffolds/Stents</b><br>Jean Fajadet  |
| 1:47 PM | <b>Roundtable Discussion with Audience Q&amp;A</b>   |

1:50 PM **Case #7: OCT and/or IVUS to Guide BRS in a Bifurcation**  
**Case Presenter:** Niels R. Holm

1:57 PM **Roundtable Discussion with Audience Q&A**

### Learn the Technique: Interventional Complications

Accreditation: CME

Tuesday, September 16

1:00 PM - 2:00 PM

Room: Level 1, Room 144A

#### 1:00 PM - 2:00 PM **Interventional "Rich Emotional Experiences" (aka Complications)**

**Moderator:** Paul S. Teirstein

**Discussants:** Louis A. Cannon, Ajay J. Kirtane, Jeffrey W. Moses, Corrado Tamburino, Paul Vermeersch

1:00 PM **Case #1: Pulmonary Artery Rupture from a Right Heart Catheter: The Cath Lab's Swan Song**  
**Case Presenter:** Louis A. Cannon

1:15 PM **Case #2: Revalving: The Good, the Bad, and the Ugly**  
**Case Presenter:** Corrado Tamburino

1:30 PM **Case #3: Recurrent Longitudinal Coronary Rupture: A Zippered Artery**  
**Case Presenter:** Jeffrey W. Moses

1:45 PM **Case #4: Heart Valves Dancing with the Stars (Valve Embolization)**  
**Case Presenter:** Paul S. Teirstein

### Learn the Technique: Paravalvular Leak Closure

Accreditation: CME

Tuesday, September 16

1:00 PM - 2:00 PM

Room: Level 1, Room 143C

#### 1:00 PM - 2:00 PM **Paravalvular Leak Closure**

**Moderators:** Charanjit Rihal, Adam Witkowski

1:00 PM **Paravalvular Leak Closure Imaging and Localization**  
Nina C. Wunderlich

1:08 PM **Case #1: Mitral Paravalvular Leak Closure: Antegrade Approach**  
**Case Presenter:** Ted E. Feldman

1:17 PM **Case #2: Mitral Paravalvular Leak Closure: Transapical Approach**  
**Case Presenter:** Samir R. Kapadia

1:26 PM **Case #3: Aortic Paravalvular Leak Closure: Surgical Valve**  
**Case Presenter:** Pilar Jimenez

1:35 PM **Case #4: Aortic Paravalvular Leak Closure: After TAVR**  
**Case Presenter:** Massimo Napodano

1:44 PM **Outcomes Following Paravalvular Leak Closure: Early and Late**  
Charanjit Rihal

1:52 PM **Roundtable Discussion with Audience Q&A**

### Learn the Technique: Transradial Intervention

Accreditation: CME

Tuesday, September 16

1:00 PM - 2:00 PM

Room: Level 1, Room 143B

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

**Transradial Intervention**

**Moderators:** Mauricio G. Cohen, Samir B. Pancholy, Tejas Patel

**Discussants:** Rajiv Gulati, Michael A. Kutcher, Sunil V. Rao

1:00 PM      **Cases #1 and #2: Overcoming Difficult Radial Access**  
**Case Presenter:** Michael A. Kutcher

1:10 PM      **Cases #3 and #4: Learn to Navigate the Arm**  
**Case Presenter:** Tejas Patel

1:20 PM      **Cases #5 and #6: Catheter Choices for Difficult-to-Access Left and Right Coronary Arteries**  
**Case Presenter:** Mauricio G. Cohen

1:30 PM      **Cases #7 and #8: Two Patients After CABG**  
**Case Presenter:** Sunil V. Rao

1:40 PM      **Cases #9 and #10: Radial Access for Peripheral Intervention**  
**Case Presenter:** Rajiv Gulati

1:50 PM      **Video Review: Achieving Hemostasis**  
Samir B. Pancholy

**International Debating Chamber 2**

Accreditation: CME

Tuesday, September 16

1:00 PM - 2:00 PM

Room: Level 1, Room 103B

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

**Debate #3. Patients with Multivessel Disease Undergoing Primary PCI Should Undergo Complete Revascularization at the Time of Their Primary PCI**

**Moderator:** Adrian P. Banning

**Discussants:** Andreas Baumbach, John A. Bittl, Thomas Engstroem, Anthony H. Gershlick, Jonathan M. Hill, David R. Holmes Jr., Stefan K. James

1:00 PM      **Pre-debate Vote: What Does the Audience Believe?**  
**Moderator:** Adrian P. Banning

1:03 PM      **Pro: The Guidelines are Antiquated!**  
Cindy L. Grines

1:11 PM      **Con: The Guidelines are Appropriately Conservative!**  
Nick Curzen

1:19 PM      **Intense Questions from the Panel**

1:27 PM      **Post-debate Vote: Did We Change Any Minds?**  
**Moderator:** Adrian P. Banning

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

**Debate #4. Heparin with Bailout GP IIb/IIIa Inhibitor Use Should Be Standard Pharmacotherapy for All Patients Undergoing Primary PCI**

**Moderator:** Adrian P. Banning

**Discussants:** Andreas Baumbach, John A. Bittl, Thomas Engstroem, Anthony H. Gershlick, Jonathan M. Hill, David R. Holmes Jr., Stefan K. James

1:30 PM      **Pre-debate Vote: What Does the Audience Believe?**  
**Moderator:** Adrian P. Banning

1:33 PM      **Pro: Follow the Data - and Save the Money!**  
Rod H. Stables

1:41 PM      **Con: Follow the Data - and Save the Patient!**  
Gregg W. Stone

- 1:49 PM **Passionate Questions from the Panel**
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- 1:57 PM **Post-debate Vote: Did We Change Any Minds?**  
**Moderator:** Adrian P. Banning

## FDA Town Hall Meeting - Day II

Tuesday, September 16  
2:00 PM - 6:00 PM  
Room: Level 2, Room 206

### 2:00 PM - 3:00 PM

#### Session V. Eyes on TAVR: Where are We Heading?

**Moderators:** Matthew G. Hillebrenner, Michael J. Mack

**Digital Moderator:** Daniel I. Simon

**Discussants:** Larry S. Dean, Nicole Ibrahim, Samir R. Kapadia, John C Laschinger, Nicolo Piazza, Jeffrey J. Popma, Rhonda J Robb, Martyn R. Thomas, Larry L. Wood

2:00 PM **Clinical Indications for TAVR: Where are We and Where are We Going?**  
A. Pieter Kappetein

2:08 PM **A “Golden” Year for TAVR - Accomplishments, Controversies, and Future Directions**  
Martin B. Leon

2:18 PM **Regulatory Approval Pathways for Novel vs Iterative TAVR Devices: Back to the Future?**  
Nicole Ibrahim

2:26 PM **TAVR Controversies: Strokes and Paravalvular Regurgitation – Will New TAVR Systems or Accessory Devices Make a Difference?**  
Samir R. Kapadia

2:35 PM **Roundtable Discussion: TAVR Unleashed: Next Steps for a Breakthrough Technology**

### 3:00 PM - 4:00 PM

#### Session VI. The Ups and Downs of Renal Denervation for Hypertension: What Is the Future Path?

**Moderators:** Ajay J. Kirtane, Bram D. Zuckerman

**Digital Moderator:** Paul A. Sobotka

**Discussants:** Deepak L. Bhatt, Kenneth J. Cavanaugh Jr, Justin E. Davies, David E. Kandzari, Felix Mahfoud, Krishna J. Rocha-Singh, Martin T. Rothman

**Digital Panelists:** James R. Margolis, Robert J. Melder, Farrell O. Mendelsohn

3:00 PM **New Insights from SYMPLICITY HTN-3 – What I Learned and What I Would Have Done Differently**  
Deepak L. Bhatt

3:10 PM **Global Perspectives in the Post-HTN-3 Era: A “Kinder and Gentler” Interpretation of Renal Denervation Therapy**  
Felix Mahfoud

3:20 PM **What Is the Clinical Trial Pathway Moving Forward for Renal Denervation?**  
Ajay J. Kirtane

3:30 PM **Roundtable Discussion: Is Renal Denervation a Viable Therapy for Hypertension?**

### 4:00 PM - 4:40 PM

#### Session VII. Novel New Interventional Therapies I: Mitral Valve Repair/Replacement

**Moderators:** Matthew G. Hillebrenner, Michael J. Mack

**Digital Moderator:** Francesco Maisano

**Discussants:** Shmuel Banai, Rick Geoffrion, Nicole Ibrahim, John C Laschinger, Eric Manasse, Stanton J. Rowe, Chuck Simonton

**Digital Panelist:** Stefan Sack

4:00 PM **Mitral Valve Repair vs Replacement: Complementary or Competitive?**  
Francesco Maisano

4:10 PM **Are the Current Clinical Trial Pathways for New Mitral Valve Therapies Practical? A Future Roadmap to Consider!**  
Gregg W. Stone

4:20 PM **Roundtable Discussion: Transcatheter Mitral Valve Repair/Replacement: Accelerating Clinical Development**

### 4:40 PM - 5:10 PM

#### Session VIII. Novel New Interventional Therapies II: LAA Occlusion Technology

**Moderators:** Matthew G. Hillebrenner, Gregg W. Stone

**Digital Moderator:** Matthew J. Price

**Discussants:** Keith D. Dawkins, Andrew Farb, Amir Gross, David R. Holmes Jr., Nicole Ibrahim, Russell Seiber, Brian K. Whisenant

**Digital Panelist:** Bushra S Rana

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4:40 PM      **LAA Occlusion Devices “Stuck in the Mud” – Matching the Right Patients with the Best Trial Designs (and Endpoints)**  
Brian K. Whisenant

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4:50 PM      **Roundtable Discussion: Matching the Device to the Unmet Clinical Need**

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**5:10 PM - 6:00 PM**

**Session IX. Vascular Innovation: Bioresorbable Scaffolds, DES, and Drug-Coated Balloons (DCB)**

**Moderators:** Andrew Farb, Mitchell W. Krucoff

**Digital Moderator:** Aaron V. Kaplan

**Discussants:** Ori Ben-Yehuda, Kenya Brothers, Stephen G. Ellis, Juan F. Granada, William A. Gray, Laura Mauri, Patrick W. Serruys, Carla M Wiese

**Digital Panelists:** Hector M. Garcia-Garcia, Sheldon Goldberg

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5:10 PM      **Device Approval Considerations (Preclinical and Clinical) for Bioresorbable Scaffolds: Update on FDA Regulatory Guidelines**  
Kenya Brothers

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5:20 PM      **The Emphatic Case for OPCs NOW for New DES Approval in the United States!**  
Laura Mauri

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5:30 PM      **Status of DCB for PVD and Lessons Learned from the Recent FDA Panel**  
Juan F. Granada

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5:40 PM      **Roundtable Discussion: Rejuvenating the Excitement for New Vascular Therapies**

### Maintenance of Certification (MOC) Course III

Tuesday, September 16

8:00 AM - 9:30 AM

Room: Level 1, Room 146B/C

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**8:00 AM - 9:30 AM**      **Interventional Cardiology 2012 Update Module Review**

**Moderators:** Tayo A. Addo, Emmanouil S. Brilakis

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8:00 AM      **Welcome and Introduction**  
George D. Dangas

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8:05 AM      **2012 Module Update Review**  
**Digital Moderator:** Jonathan Feig  
**Discussants:** Usman Baber, Nicola Corvaja, Elias Sanidas

### Breakfast Meeting: Advancing Your TAVR Practice: Latest Insights on Patient Selection, Procedural Optimization, and Clinical Practice (Sponsored by Medtronic, Inc.)

Tuesday, September 16

6:30 AM - 8:00 AM

Room: Level 1, Room 143B

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**7:00 AM - 8:00 AM**      **Advancing Your TAVR Practice**

**Discussants:** G. Michael Deeb, John Forrest, Raj Makkar, Nicolo Piazza, Jeffrey J. Popma, Mathew Williams

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7:00 AM      **Welcome and Introductions**  
Jeffrey J. Popma

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7:05 AM      **Patient Selection: Use of Imaging and Clinical Evidence to Identify Optimal TAVR Candidates**  
Raj Makkar

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7:15 AM      **Procedure Optimization: Tips from Experienced Centers to Improve Pre-, Peri-, and Post-procedural Efficiency**  
G. Michael Deeb

7:30 AM - 7:50 AM	<b>Clinical Practice: Preventing and Managing Common TAVR Complications to Enhance Patient Outcomes</b>
7:30 AM	<b>US Perspective: Optimizing Patient Selection and Imaging</b> John Forrest
7:40 AM	<b>International Perspective: Optimizing Implantation Depth</b> Nicolo Piazza
7:50 AM	<b>Panel Discussion and Q&amp;A</b> <b>Moderator:</b> Mathew Williams

**Breakfast Meeting: Balance of Clinical Excellence and Cost-effectiveness in Interventional Cardiology: Today and Tomorrow (Sponsored by Cardinal Health)**

Tuesday, September 16  
6:30 AM - 8:00 AM  
Room: Level 1, Room 145B

**7:00 AM - 8:00 AM Balance of Clinical Excellence and Cost-effectiveness in Interventional Cardiology: Today and Tomorrow**

**Chairs:** Don Casey, Martin B. Leon  
**Discussants:** Mark W. Burket, David J. Cohen, Michael R. Jaff

7:00 AM	<b>Introduction</b> Martin B. Leon
7:05 AM	<b>Current Healthcare Economic Environment</b> Michael R. Jaff
7:15 AM	<b>Industry Business Model Innovation</b> Don Casey
7:25 AM	<b>Panel Discussion: The Balance of Clinical Excellence and Cost-effectiveness in Interventional Cardiology: Today and Tomorrow</b>
7:55 AM	<b>Close</b> Martin B. Leon

**Breakfast Meeting: Beyond Valve Repair: MitraClip's Economic Impact (Sponsored by Abbott)**

Tuesday, September 16  
6:30 AM - 8:00 AM  
Room: Level 1, Room 144B

**7:00 AM - 8:00 AM Beyond Valve Repair: MitraClip's Economic Impact**

**Chairs:** John D. Carroll, Chuck Simonton  
**Discussants:** Robert Piana, Paul Sorajja, Vinod H. Thourani, Robin Weiner-Renteria

7:00 AM	<b>Welcome, Introductions, and Session Overview</b> Chuck Simonton
7:05 AM	<b>Influence of MitraClip® on Treatment Options: A Surgeon's Perspective</b> Vinod H. Thourani
7:15 AM	<b>MitraClip® as an Integral Component of Valvular Heart Disease and Advanced Heart Failure Treatments</b> Paul Sorajja
7:25 AM	<b>Demystifying Cost Objections with your Hospital Administrator. Balancing Reputation, Device Cost, Reimbursement, and Other Important Health Economic Factors</b> Robin Weiner-Renteria
7:35 AM	<b>National Coverage &amp; TVT Registry</b> John D. Carroll



7:40 AM	<b>Updated Physician Payment (Implanter and Echo-Cardiologist)</b> Robert Piana
7:45 AM	<b>Panel Discussion</b>

**Breakfast Meeting: Intra-aortic Balloon Counterpulsation for Percutaneous Aortic Valve or Complex PCI Procedures: Award Winning Case Presentations (Sponsored by Cardiovascular Research Foundation) (Supported by MAQUET)**

Tuesday, September 16  
6:30 AM - 8:00 AM  
Room: Level 1, Room 143A

**7:00 AM - 8:00 AM Intra-aortic Balloon Counterpulsation for Percutaneous Aortic Valve or Complex PCI Procedures**

**Chairs:** Tayo A. Addo, George D. Dangas, Vijay Kunadian  
**Discussants:** Shozo Ishihara, Gautam Reddy, Jennifer Rossington, Luigi Salemme

7:00 AM	<b>Novel Indication for Intra-aortic Balloon Counterpulsation: Left Ventricular Decompression to Treat Venoaortic Extracorporeal</b> <b>Case Presenter:</b> Gautam Reddy
7:15 AM	<b>Q&amp;A</b>
7:20 AM	<b>Complex Left Main Stem Percutaneous Coronary Intervention Possible with Intra-aortic Balloon Pump Support</b> <b>Case Presenter:</b> Jennifer Rossington
7:35 AM	<b>Q&amp;A</b>
7:40 AM	<b>A Survived Case of Acute Myocardial Infarction With LMT Total Occlusion Undergoing PCI Supported by IABP and V-A ECMO</b> <b>Case Presenter:</b> Shozo Ishihara
7:55 AM	<b>Q&amp;A</b>

**Breakfast Meeting: Left Atrial Appendage Closure: Outstanding Data, Outstanding Questions (Sponsored by Cardiovascular Research Foundation) (Supported by SentreHEART, Inc.)**

Accreditation: CME

Tuesday, September 16  
6:30 AM - 8:00 AM  
Room: Level 1, Room 146A

**7:00 AM - 8:00 AM Left Atrial Appendage Closure**

**Chair:** William A. Gray  
**Discussants:** Kenneth A. Ellenbogen, Michael D. Ezekowitz, DJ Lakkireddy, Steven J. Yakubov

7:00 AM	<b>Welcome</b> William A. Gray
7:05 AM	<b>Left Atrial Appendage Occlusion (LAO) in the Warfarin-Eligible Patient: Rationale and Supporting Data</b> DJ Lakkireddy
7:17 AM	<b>Defining the Oral Anticoagulation-Intolerant/Ineligible Patient: How Broad Is this Population?</b> Michael D. Ezekowitz
7:29 AM	<b>Alternatives to Endocardial Occlusion: Description of Epicardial Approach and Data to Date</b> Steven J. Yakubov
7:41 AM	<b>After the Watchman Trials: What Regulatory Pathway Options are Relevant (and Achievable)?</b> Kenneth A. Ellenbogen
7:53 AM	<b>Discussion</b>

**Breakfast Meeting: New Technologies for the Reduction of Contrast Induced Nephropathy (CIN) (Sponsored by Osprey Medical, Inc.)**

Tuesday, September 16  
6:30 AM - 8:00 AM  
Room: Level 1, Room 144C

**7:00 AM - 8:00 AM      New Technologies for the Reduction of Contrast Induced Nephropathy**

**Chair:** Roxana Mehran  
**Discussants:** Hitinder S. Gurm, David Lee

7:00 AM      **Contrast Induced Nephropathy Overview**  
Roxana Mehran

7:15 AM      **Contrast Reduction Strategies**  
David Lee

7:35 AM      **Contrast Dosage Monitoring**  
Hitinder S. Gurm

7:55 AM      **Discussion**

**Breakfast Meeting: Percutaneous Annuloplasty Devices for Mitral and Tricuspid Regurgitation (Sponsored by Mitralign)**

Tuesday, September 16  
6:30 AM - 8:00 AM  
Room: Level 1, Room 143C

**7:00 AM - 8:00 AM      Percutaneous Annuloplasty Devices for Mitral and Tricuspid Regurgitation**

**Chairs:** Rebecca T. Hahn, Scott Lim  
**Discussants:** Alexandre Abizaid, Joachim Schofer

7:00 AM      **Introduction and Program Overview**  
Rebecca T. Hahn, Scott Lim

7:10 AM      **ALIGN STUDY: 30-Day Safety and Feasibility Data of the Mitralign Percutaneous Annuloplasty Device**  
Alexandre Abizaid

7:30 AM      **Mitralign Percutaneous Annuloplasty Device for the Treatment of Functional Tricuspid Regurgitation**  
Joachim Schofer

7:50 AM      **Q&A**

**Breakfast Meeting: Renal Denervation Therapies: Current Evidence and Controversies (Sponsored by Cardiovascular Research Foundation) (Supported by Boston Scientific Corporation, St. Jude Medical, Inc., and Medtronic, Inc.)**

Tuesday, September 16  
6:30 AM - 8:00 AM  
Room: Level 1, Room 145A

**7:00 AM - 8:00 AM      Renal Denervation Therapies**

**Chairs:** Ajay J. Kirtane, Martin B. Leon  
**Discussants:** Juan F. Granada, David E. Kandzari, Felix Mahfoud

7:00 AM      **Welcome and Introductions**  
Martin B. Leon

7:02 AM      **Preclinical Insights and Advances in the Understanding of Renal Denervation Therapies**  
Juan F. Granada

7:12 AM      **Audience Q&A**

7:15 AM      **Rapid Data Download: Current State of the Evidence for RDN in Hypertension**  
David E. Kandzari

7:28 AM	<b>Audience Q&amp;A</b>
7:32 AM	<b>How I Use (and Study) Renal Denervation in My Center: Everything You Need to Know with Case Examples</b> Felix Mahfoud
7:45 AM	<b>Audience Q&amp;A</b>
7:50 AM	<b>Predicting the Path Ahead for Renal Denervation Therapies</b> Ajay J. Kirtane

### Breakfast Meeting: Robotic PCI: Precision and Protection from Occupational Hazards (Sponsored by Corindus Vascular Robotics)

Tuesday, September 16  
6:30 AM - 8:00 AM  
Room: Level 1, Room 144A

<b>7:00 AM - 8:00 AM</b>	<b>Precision and Protection from Occupational Hazards</b> <b>Chairs:</b> Ehtisham Mahmud, Giora Weisz <b>Discussants:</b> Paul T. Campbell, Spencer B. King III
7:00 AM	<b>Opening Remarks</b>
7:05 AM	<b>PCI: A Personal Perspective</b> Spencer B. King III
7:15 AM	<b>Robotic Angioplasty: Precision and Protection</b> Giora Weisz
7:25 AM	<b>Improve Clinical Outcomes with Robotic Assistance</b> <b>Discussant:</b> Paul T. Campbell
7:35 AM	<b>Case Review: Complex Robotic-Assisted PCI</b> <b>Case Presenter:</b> Ehtisham Mahmud
7:50 AM	<b>Discussion and Q&amp;A</b>

### Visual Interactive Technology Center: Hands on Hearts

Tuesday, September 16  
8:00 AM - 12:30 PM  
Room: Lower Level, Visual Interactive Technology Center

<b>8:00 AM - 12:30 PM</b>	<b>Hands on Hearts</b> <b>Discussants:</b> Tobias Koppara, Robert Kutys, Elena Ladich, Michelle Olson, Oscar David Sanchez, Kazuyuki Yahagi
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### Visual Interactive Technology Center: Technology Demonstration Session and Interactive BioSkills Program: CTO Technologies

Tuesday, September 16  
9:00 AM - 12:30 PM  
Room: Lower Level, BioSkills Theater

<b>9:00 AM - 10:30 AM</b>	<b>Chronic Total Occlusions - The Interventional Toolbox: Hands-on Technology Demonstration</b>
<b>10:30 AM - 12:30 PM</b>	<b>VITC: CTO Technologies</b> <b>Moderators:</b> Dimitri Karpaliotis, William Nicholson <b>Technical Faculty:</b> J. Aaron Grantham, Ashish Pershad, Simon Walsh, Gerald S. Werner
10:30 AM - 11:00 AM	<b>Case-Based Demonstration</b>
10:30 AM	<b>CTA and IVUS Imaging of CTO: Implications for Technique and Device Selection</b> Gerald S. Werner

10:45 AM **Moderated Discussion with Audience Q&A**

11:00 AM -  
11:25 AM

**LIVE Ex Vivo Model Device Demonstration**

11:00 AM **The Wire Menu: Technical Characteristics and Capabilities**  
James C. Spratt

11:15 AM **Moderated Discussion with Audience Q&A**

11:25 AM -  
12:30 PM

**Case-Based Demonstration: Technique and Device Selection in Different Anatomical Subsets**

11:25 AM **The Impenetrable Proximal Cap**  
Simon Walsh

11:35 AM **Moderated Discussion with Audience Q&A**

11:40 AM **Difficult Reverse-CART**  
J. Aaron Grantham

11:50 AM **Moderated Discussion with Audience Q&A**

11:55 AM **Difficult Antegrade Reentry**  
Ashish Pershad

12:05 PM **Moderated Discussion with Audience Q&A**

12:10 PM **Proximal/Distal Anatomical Ambiguity**  
William Nicholson

12:20 PM **Moderated Discussion with Audience Q&A**

12:30 PM **Adjourn**

**Major Trial/Registry Reports**

Accreditation: CME

Tuesday, September 16

1:00 PM - 2:00 PM

Room: Level 1, Room 103A

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

**New Reports From Major Trials and Registries**

**Moderators:** John M. Lasala, Stuart J. Pocock

**Discussants:** Ori Ben-Yehuda, Edoardo Camenzind, Kishore J. Harjai, Alexandra J. Lansky, Laura Mauri, John L. Petersen

1:00 PM **TCT 482: Effect of Cangrelor on Ischemic Endpoints: Further Analyses From CHAMPION PHOENIX**  
Deepak L. Bhatt

1:08 PM **Roundtable Discussion with Audience Q&A**

1:12 PM **TCT 576: Primary Endpoint Results From the PROMUS Element Plus US Postapproval Study (PE-Plus PAS): 1-Year Outcomes in Real-World Patients Treated with a Thin-Strut, Platinum-Chromium, Everolimus-Eluting Stent**  
David E. Kandzari

1:20 PM **Roundtable Discussion with Audience Q&A**

1:24 PM **TCT 15: Abluminal Biodegradable Polymer Biolimus-Eluting Stent Versus Durable Polymer Everolimus-Eluting Stent in Patients Undergoing Primary Percutaneous Coronary Intervention: 3-Year Follow-up From the COMPARE II Trial**  
Georgios Vlachojannis, MD

1:32 PM **Roundtable Discussion with Audience Q&A**

1:36 PM **TCT 613: ABSORB FIRST: An Interim Report on Baseline Characteristics and Acute Performance on the First 1,200 Patients From a Prospective, Multicenter, Global Registry**  
Eric Eeckhout

1:44 PM **Roundtable Discussion with Audience Q&A**

1:48 PM **TCT 176: Comparison of Imputed Placebo Versus Observed Ischemic Stroke Rates in the Watchman Trials Shows a Significant Reduction in Risk**  
George Hanzel, MD

**Presentation Theater: Back to the Future: Revisiting GP IIb/IIIa Inhibitor Use in PCI (Sponsored by Creative Educational Concepts, Inc.)(Supported by Medicure, Inc.)**

Accreditation: CME

Tuesday, September 16

11:30 AM - 12:30 PM

Room: Lower Level, Presentation Theater 2

**11:30 AM - 12:30 PM**

**Revisiting GP IIb/IIIa Inhibitor Use in PCI**

**Chair:** Sunil V. Rao

**Discussants:** Manesh R. Patel, Jorge F. Saucedo

11:30 AM

**Welcome and Introductions**

Sunil V. Rao

11:35 AM

**The Changing Landscape of Antithrombotic Therapy in ACS and Clinical Controversies**

Manesh R. Patel

11:50 AM

**Bringing the Focus Back to the GP IIb/IIIa Receptor: Revisiting Antithrombotic Options in PCI**

Jorge F. Saucedo

12:05 PM

**The Intersection of Vascular Access and Pharmacotherapy: Achieving Efficacy and Safety**

Sunil V. Rao

12:20 PM

**Interactive Panel Discussion and Q&A**

**Presentation Theater: Biodegradable Polymer and BA9: An Evidence-Based Approach for Every Patient (Sponsored by Biosensors)**

Tuesday, September 16

1:00 PM - 2:00 PM

Room: Level 2, Exhibit Hall, Presentation Theater 4

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

**An Evidence-Based Approach for Every Patient**

**Chairs:** Alexandre Abizaid, Teguh Santoso

**Discussants:** Jacques J. Koolen, Keith G. Oldroyd, Fabrizio Tomai

1:00 PM

**Introduction**

1:02 PM

**Is There a Class Effect for DES in STEMI Patients?**

Fabrizio Tomai

1:17 PM

**Biodegradable Polymer and BA9 Provide Solutions for Simple and Complex Bifurcation Lesions**

Keith G. Oldroyd

1:32 PM

**CTOs: Are Stents Making a Difference?**

Jacques J. Koolen

1:47 PM

**Discussion**

1:57 PM

**Closing Remarks**

**Presentation Theater: Improving STEMI Management in Developing Versus Mature Healthcare Systems (Sponsored by Medtronic Cardiac and Vascular)**

Tuesday, September 16

1:00 PM - 2:00 PM

Room: Lower Level, Presentation Theater 2

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

**Improving STEMI Management in Developing Versus Mature Healthcare Systems**

**Chairs:** Michael Mooney, Aaron Wong

**Discussants:** Roberto Botelho, Matthias Götzberg, Sanjit S. Jolly, Alexey Protopopov

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1:00 PM	<b>Introductions and Program Objectives</b> Michael Mooney
1:04 PM	<b>How Would I Treat - Case Presentation 1</b> <b>Moderator:</b> Michael Mooney <b>Discussant:</b> Sanjit S. Jolly Alexey Protopopov
1:09 PM	<b>How Would I Treat - Case Presentation 1</b> <b>Moderator:</b> Michael Mooney Sanjit S. Jolly
1:14 PM	<b>How Did I Treat - Case Presentation 1</b> <b>Moderator:</b> Michael Mooney Alexey Protopopov
1:19 PM	<b>Discussion and Audience Interaction</b> <b>Moderator:</b> Michael Mooney
1:25 PM	<b>Consensus</b> <b>Moderator:</b> Michael Mooney
1:30 PM	<b>How Would I Treat - Case Presentation 2</b> <b>Moderator:</b> Aaron Wong <b>Discussant:</b> Matthias Götzberg Roberto Botelho
1:35 PM	<b>How Did I Treat - Case Presentation 2</b> <b>Moderator:</b> Aaron Wong Roberto Botelho
1:40 PM	<b>How Would I Treat - Case Presentation 2</b> <b>Moderator:</b> Aaron Wong Matthias Götzberg
1:45 PM	<b>Discussion and Audience Interaction</b> <b>Moderator:</b> Aaron Wong
1:51 PM	<b>Consensus</b> <b>Moderator:</b> Aaron Wong
1:56 PM	<b>Take-home Message</b> <b>Moderators:</b> Michael Mooney, Aaron Wong

**Presentation Theater: Novel Indication for Treatment of ISR: The Right Path Is Clear (Sponsored by Spectranetics)**

Tuesday, September 16

1:00 PM - 2:00 PM

Room: Lower Level, Presentation Theater 1

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

**Novel Indication for Treatment of ISR**

**Discussants:** D. Christopher Metzger, Craig M. Walker

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1:00 PM	<b>EXCITE Study Results Define Next Generation in ISR Treatment</b> D. Christopher Metzger
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1:30 PM	<b>Peripheral Laser Atherectomy: Safer and More Effective Results for Treatment in ISR</b> Craig M. Walker
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**Presentation Theater: The Role of Cerebral Protection in TAVR and Other Transcatheter Procedures (Sponsored by Claret Medical, Inc.)**

Tuesday, September 16

1:00 PM - 2:00 PM

Room: Level 2, Exhibit Hall, Presentation Theater 3

1:00 PM - 2:00 PM

**The Role of Cerebral Protection in TAVR and Other Transcatheter Procedures**

**Chairs:** Susheel Kodali, Martin B. Leon, Christoph K. Naber  
**Discussants:** Ronald M. Lazar, Tamim Nazif, Hendrik Treede, Robert Zivadinov

1:00 PM      **Co-Chairperson Introduction**  
Christoph K. Naber

1:05 PM      **The Current Clinical Evidence for Cerebral Protection in TAVR**  
Susheel Kodali

1:15 PM      **Implications of "Silent" Cerebral Ischemia for Neurocognitive Function**  
Ronald M. Lazar

1:25 PM      **The Expansion of Cerebral Protection in Other Structural Heart Procedures**  
Hendrik Treede

1:35 PM      **Implications of DW-MRI and FLAIR Signals from Clinical Studies**  
Robert Zivadinov

1:45 PM      **Claret Medical Sentinel™ Cerebral Protection System US IDE Approach**  
Susheel Kodali

1:55 PM      **Co-Chairperson Take-home Messages**  
Christoph K. Naber

## Wednesday, September 17, 2014

### Main Arena V, Wednesday, Sept. 17

Accreditation: CME/CNE

Wednesday, September 17

8:00 AM - 2:30 PM

Room: Level 3, Ballroom

8:00 AM - 8:45 AM

**Plenary Session XXIX: Implications and Critical Appraisal of the Late-Breaking Clinical Trials and First Reports at TCT 2014**

**Moderator:** Gregg W. Stone  
**Digital Moderator:** Roxana Mehran  
**Discussants:** Jeroen J. Bax, David J. Cohen, Stephen G. Ellis, Stefan K. James, Upendra Kaul, Ajay J. Kirtane, Martin B. Leon, Steven P. Marso, Patrick W. Serruys, David O. Williams  
**Digital Panelists:** Charles J. Davidson, Sigmund Silber

8:00 AM      **Implications and Critical Appraisal of the Late-Breaking Clinical Trials and First Reports at TCT 2014**

8:45 AM - 10:00 AM

**Plenary Session XXX: Clinically Oriented Case-Based Tutorials #1: Complex Coronary Artery Disease**

**Moderators:** Martin B. Leon, Gregg W. Stone  
**Digital Moderator:** Adrian P. Banning  
**Discussants:** Fernando Alfonso, William F. Fearon, Eberhard Grube, Gary S. Mintz, William W. O'Neill, Vincent J. Pompili, Joseph F. Sabik, Pieter R. Stella, Robert C. Welsh  
**Digital Panelists:** Sameer Mehta, Duane S. Pinto, Jose M. de la Torre Hernandez

8:45 AM - 9:10 AM      **Topic Theme: Unprotected Left Main Coronary Disease**

8:45 AM      **Case Presentation**  
**Case Presenter:** Alaide Chieffo

8:53 AM      **Thoughtful Insights**  
Patrick W. Serruys

8:58 AM      **Discussion**

9:10 AM - 9:35 AM      **Topic Theme: Management Decisions in Diabetes and Multivessel Coronary Disease**

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9:10 AM      **Case Presentation**  
**Case Presenter:** Manish A. Parikh

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9:18 AM      **Thoughtful Insights**  
Steven P. Marso

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9:23 AM      **Discussion**

9:35 AM -  
10:00 AM

**Topic Theme: STEMI with Hemodynamic Compromise**

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9:35 AM      **Case Presentation**  
**Case Presenter:** Margaret B. McEntegart

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9:43 AM      **Thoughtful Insights**  
Holger Thiele

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9:48 AM      **Discussion**

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**10:00 AM - 11:15 AM**

**Plenary Session XXXI: Clinically Oriented Case-Based Tutorials #2: Aortic and Mitral Valve Disease**

**Moderators:** Martin B. Leon, Gregg W. Stone

**Digital Moderator:** Howard C. Herrmann

**Discussants:** Jeroen J. Bax, Steven F. Bolling, Michael J. Davidson, Mark Goldberger, Scott Lim, Reginald I. Low, Ian T. Meredith, Allan Schwartz, Martyn R. Thomas

**Digital Panelists:** Anita Asgar, Antonio L. Bartorelli, Francisco Fdez-Aviles

10:00 AM -  
10:25 AM

**Topic Theme: High-Risk Aortic Stenosis and Concomitant CAD**

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10:00 AM      **Case Presentation**  
**Case Presenter:** Tamim Nazif

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10:08 AM      **Thoughtful Insights**  
James B. Hermillier Jr

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10:13 AM      **Discussion**

10:25 AM -  
10:50 AM

**Topic Theme: Low-Flow Aortic Stenosis with Mitral Regurgitation**

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10:25 AM      **Case Presentation**  
**Case Presenter:** Philippe G n reux

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10:33 AM      **Thoughtful Insights**  
Philippe Pibarot

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10:38 AM      **Discussion**

10:50 AM -  
11:15 AM

**Topic Theme: Functional Mitral Regurgitation in a High-Risk Patient with Low Ejection Fraction**

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10:50 AM      **Case Presentation**  
**Case Presenter:** Nicolo Piazza

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10:58 AM      **Thoughtful Insights**  
Michael J. Mack

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11:03 AM      **Discussion**

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**11:15 AM - 12:30 PM**

**Plenary Session XXXII: Clinically Oriented Case-Based Tutorials #3: Endovascular Disease and Hypertension**

**Moderators:** William A. Gray, Martin B. Leon

**Digital Moderator:** Mark W. Burket

**Discussants:** Mark C. Bates, Roger Gammon, Lawrence A. Garcia, John R. Laird Jr, John A. Ormiston, Krishna J. Rocha-Singh, Stephen G. Worthley, Thomas Zeller

**Digital Panelists:** Michael R. Jaff, D. Christopher Metzger

11:15 AM -  
11:40 AM

**Topic Theme: Renal Denervation for Systemic Hypertension**

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11:15 AM      **Case Presentation**  
**Case Presenter:** Justin E. Davies

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11:23 AM      **Thoughtful Insights**  
Krishna J. Rocha-Singh

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11:28 AM Discussion

11:40 AM -  
12:05 PM

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**Topic Theme: Management of Long SFA Occlusions**

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11:40 AM Case Presentation  
Case Presenter: Sahil A. Parikh

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11:48 AM Thoughtful Insights

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11:53 AM Discussion

12:05 PM -  
12:30 PM

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**Topic Theme: Complex Carotid Disease in the Elderly**

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12:05 PM Case Presentation  
Case Presenter: Duane S. Pinto

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12:13 PM Thoughtful Insights  
Michael R. Jaff

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12:18 PM Discussion

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12:30 PM - 1:45 PM

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**Plenary Session XXXIII: Clinically Oriented Case-Based Tutorials #4: Adjunctive Pharmacology Conundrums**

**Moderators:** Roxana Mehran, Gregg W. Stone

**Digital Moderator:** Amir Lerman

**Discussants:** Dimitrios Alexopoulos, Eric R. Bates, Ori Ben-Yehuda, Germano Di Sciascio, Frederick Feit, Carey D. Kimmelstiel, Nicholas J. Lembo, Norman E. Lepor, Sigmund Silber

**Digital Panelists:** Nirat Beohar, Stefanie Schulz

12:30 PM -  
12:55 PM

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**Topic Theme: Preferred Pharmacotherapy During and After STEMI**

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12:30 PM Case Presentation  
Case Presenter: Frederick Kushner

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12:38 PM Thoughtful Insights  
Neal S. Kleiman

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12:45 PM Discussion

12:55 PM -  
1:20 PM

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**Topic Theme: Duration of DAPT in Complex Patients**

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12:55 PM Case Presentation  
Case Presenter: Thomas D. Stuckey

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1:03 PM Thoughtful Insights  
Daniel I. Simon

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1:10 PM Discussion

1:20 PM -  
1:45 PM

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**Topic Theme: Chronic Atrial Fibrillation and DES Therapy**

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1:20 PM Case Presentation  
Case Presenter: Matthew J. Price

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1:28 PM Thoughtful Insights  
Pascal Vranckx

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1:33 PM Discussion

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1:45 PM - 2:30 PM

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**Plenary Session XXXIV: Newest Insights and Unsettled Issues After TCT 2014**

**Moderators:** Martin B. Leon, Gregg W. Stone

**Digital Moderator:** Manish A. Parikh

**Discussants:** Ziad A. Ali, Ori Ben-Yehuda, Juan F. Granada, William A. Gray, Philippe G n reux, Rebecca T. Hahn, Ajay J. Kirtane, Akiko Maehara, Roxana Mehran, Gary S. Mintz, Jeffrey W. Moses

**Digital Panelist:** John A. Ambrose

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1:45 PM Clinically Oriented Case-Based Tutorials #1: Complex Coronary Artery Disease

Accreditation: CME

Wednesday, September 17

6:30 AM - 8:00 AM

Room: Level 1, Room 145A

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**7:00 AM - 8:00 AM**

**Guidewire Design and Selection: A User's Guide**

**Chairs:** Ajay J. Kirtane, Martin B. Leon

**Discussants:** Dimitri Karpaliotis, Jeffrey W. Moses, James C. Spratt

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7:00 AM

**Welcome and Introductions**

Martin B. Leon

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7:05 AM

**Anatomy and Design of Coronary Guidewires 101: Engineering for the Interventionalist**

Dimitri Karpaliotis

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7:15 AM

**Applied Use of Coronary Guidewires: Basic Principles for Wire Manipulation in CTO Lesions**

James C. Spratt

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7:30 AM

**Case Presentation: CTO Wires: Antegrade and Retrograde Approaches**

**Case Presenter:** Jeffrey W. Moses

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7:45 AM

**Case Presentation: Hydrophilic and Support Wires**

**Case Presenter:** Ajay J. Kirtane

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7:55 AM

**Discussion with Audience Q&A**