

28th Annual
Cardiovascular Interventions 2017

November 7 - 10, 2017
Hilton La Jolla Torrey Pines, La Jolla, California

Scientific Program

Tuesday, November 7, 2017

Pre-Conference Seminar

8:30 AM – 5:00 PM in the Fairway Ballroom

Sponsored by Abiomed, Inc. (This activity is not included in CME hours.)

Impella: Advanced Use and Understanding of Percutaneous Hemodynamic Support

- 8:30 AM **Welcome**
Paul S. Teirstein, MD
- 8:35 AM **High-Risk PCI: Should We be Treating More Patients with PCI?**
James McCabe, MD
- 8:55 AM **Protected PCI: A New Treatment Strategy**
 - Who: Patient Identification
 - How: Critical Skills and Competency
 - What: Requisite Tools*Mark Goodwin, MD*
- 9:15 AM **What is the Appropriate Revascularization Strategy for Protected PCI?**
 - Complete Revascularization vs. Staged Procedures*Tony J. DeMartini, MD*
- 9:35 AM **Preventing AKI: Using Impella in Patients with Renal Dysfunction**
Michael P. Flaherty, MD, PhD
- 10:00 AM **Break**
- 10:15 AM **Basics of Hemodynamic Principles: Introduction to TEACH**
Daniel Burkhoff, MD, PhD
- 11:00 AM **Case Presentations**
 - CTO's and Atherectomy: The Role of Mechanical Circulatory Support with Hemodynamic Simulation*Tony J. DeMartini, MD*
- 11:15 AM **UPLM or MVD With Moderately Reduced EF with Hemodynamic Simulation**
Michael P. Flaherty, MD, PhD

- 11:30 AM **Axillary Insertion of Impella**
James McCabe, MD
- 11:50 AM **Panel Discussion**
- 12:00 PM **Lunch**
- 12:45 PM **Essential Elements for Building a Leading Protected PCI Program**
 - HeartTeam Approach
 - Protocols and Algorithms
 - Outreach Programs
 - Protected PCI Coordinator*Mark Goodwin, MD*
- 1:05 PM **Panel Discussion on Protected PCI Key Take Home Messages**

Contemporary Look at the Treatment of Cardiogenic Shock

- 1:15 PM **Pharmacologic and Device-Based Approaches to Acute Heart Failure and Cardiogenic Shock: Treating Patients with Pressors, IABP, Impella, and ECMO**
Daniel Burkhoff, MD, PhD
- 1:45 PM **War on Shock: Building the Team of Teams**
Alexander Truesdell, MD
- 2:15 PM **Door-to-Door Support: A New Quality Metric**
Perwaiz Meraj, MD
- 2:35 PM **Choosing MCS Options in AMI Cardiogenic Shock: Rationale for Impella First**
Alexander Truesdell, MD
- 2:55 PM **Break**
- 3:15 PM **Practical Insights for Adding Hemodynamic Support Into Your Critical Care Path: The Detroit Cardiogenic Shock Initiative (CSI) Experience**
Babar Basir, DO
- 3:45 PM **Information Gleaned from Using a RHC**
Ajay Srivastava, MD
- 4:00 PM **Case Presentations on CGS:**
 - **Early Support Made a Difference (A Case from Detroit CSI)**
Babar Basir, DO
- 4:15 PM
 - **I Waited Too Long**
Alexander Truesdell, MD
- 4:30 PM
 - **Right and Left Ventricular Support**
Perwaiz Meraj, MD
- 4:45 PM **Panel Discussion on Key Take-Away Messages**
Paul S. Teirstein, MD
- 5:00 PM **Reception in the Fairway Garden**

Dinner Symposium

6:00 – 8:00 PM in the Fairway Ballroom

New Technology for Transcatheter Aortic Valve Replacement with “Hands-On” Opportunities

(This activity is not included in CME hours.)

What I Like About the Abbott Portico Valve

Raj Makkar, MD

What I Like About the Boston Scientific Lotus and Symetis Valves

Ian T. Meredith, AM

What I Like About the Medtronic Evolut Valve

Curtiss T. Stinis, MD

What I Like About the Edwards Sapien Valve

Paul S. Teirstein, MD

Wednesday, November 8, 2017

Breakfast Symposium

7:30 – 9:00 AM in the Fairway Ballroom

What's Next for Transradial? Achieving Better Clinical and Economic Outcomes for STEMI

Sponsored by Terumo Interventional Systems (This activity is not included in CME hours.)

Moderator: *Matthew J. Price, MD*

Tips and Tricks for Building a Radial STEMI Practice

Mauricio G. Cohen, MD

Cardiovascular Care Transformation for STEMIs: The Balance of Quality and Value

Amit Amin, MD, MSc

The Major Role of Cost and Quality in the New AMI Bundle Environment

Larry Sobal, MBA, MHA, CMPE

Satellite Symposium

9:30 – 10:30 AM in the Fairway Ballroom

Antiplatelet Therapy for High-Risk PCI Patients

Sponsored by Chiesi USA, Inc. (This activity is not included in CME hours.)

Understand the Need for Platelet Inhibition During PCI: Identify the Biologic Targets to Achieve Platelet Inhibition

Matthew J. Price, MD

Review the Clinical Data and Current Clinical Guideline Recommendations for Antiplatelet Therapy

Mitul Patel, MD

Lunch Symposium

11:00 AM – 1:00 PM in the Fairway Ballroom

Advancements in Complex PCI: Case Reviews and Latest Hot Topics

Sponsored by Abbott Vascular (This activity is not included in CME hours.)

Chair: *Charles A. Simonton, MD, FACC*

11:15 AM **Course Welcome, Overview, Objectives**

Mark Goodwin, MD

11:20 AM **Scope of Complex PCI and How to Advance Physician Skillsets?**

Mark Goodwin, MD

11:35 AM **Utilizing Imaging to Optimize Procedural Success**

Ziad Ali, MD, DPhil

11:55 AM **Emerging Tools and Techniques in Complex PCI**

David G. Rizik, MD

12:15 PM **Hot Topics in Physiology: The Debate Continues**

Ziad Ali, MD, DPhil

12:30 PM **Comments and Questions**

12:00 PM **General Symposium Registration Open in the Grande Ballroom Foyer**

1:30 PM **Live Cases 1 & 2 from Scripps Clinic**

Panel: *Ziad Ali, MD, DPhil*

Mark Goodwin, MD

Morton Kern, MD

Ashish Pershad, MD

Paul S. Teirstein, MD

IVUS Imaging Caveats: How IVUS Should be Integrated Into Your Practice?

Ziad Ali, MD, DPhil

FFR Tips, Tricks and Pitfalls: How to Deal with Challenging Anatomy

Morton Kern, MD

Radiation Safety in the Cath Lab

Paul S. Teirstein, MD

3:30 PM **Break & View Exhibits**

4:00 PM

Live Cases 3 & 4 from Scripps Clinic

Panel: *Mark Goodwin, MD*
Morton Kern, MD
Ashish Pershad, MD
Curtiss T. Stinis, MD

Supported PCI: Case Selection and Outcomes

Mark Goodwin, MD

Bifurcation Approaches Made Simple

Curtiss T. Stinis, MD

Tips and Tricks for PCI Success

Curtiss T. Stinis, MD

6:00 PM

Adjourn

Meet the Experts Reception

6:00 – 7:00 PM in the Grande Ballroom Foyer

Sponsored by Boston Scientific (This activity is not included in CME hours.)

Moderator: *Paul S. Teirstein, MD*
Faculty: *William Lombardi, MD*
Ashish Pershad, MD
Curtiss T. Stinis, MD

Dinner Symposium

7:00 – 9:00 PM in the Fairway Ballroom

**Great Cases in Interventional Cardiology: Complications, Difficult Decisions,
Challenging Anatomy, and More!**

Sponsored by Medtronic, Inc. (This activity is not included in CME hours.)

Session Chairs: *Ziad Ali, MD, DPhil, Curtiss T. Stinis, MD, Paul S. Teirstein, MD*

Thursday, November 9, 2017

Breakfast Symposium

6:30 – 7:30 AM in the Fairway Ballroom

The Evolving Role of Physiology and Imaging in the Cath Lab

Sponsored by ACIST Medical Systems in co-promotion with Medtronic

(This activity is not included in CME hours.)

- 6:30 AM **Welcome / Coronary Physiology and Imaging in the Lab: The Best of Times for New Technologies and New Outcomes**
Morton Kern, MD
- 6:35 AM **Approaches to Coronary Physiology: FFR, Contrast FFR, Pd/Pa and iFR – When to Use What**
Morton Kern, MD
- 6:50 AM **Rapid Exchange FFR Microcatheter – the Value in Complex- and Post-PCI**
Matthew J. Price, MD
- 7:05 AM **HD-IVUS in Complex PCI – The Advantage of Seeing More**
Ziad Ali, MD, DPhil
- 7:20 AM **Wrap-Up / Q&A**
Morton Kern, MD

6:30 AM **Continental Breakfast and View Exhibits**

7:30 AM **Live Cases 5 & 6 from Scripps Clinic**

Panel: *Ziad Ali, MD, DPhil*
Ehtisham Mahmud, MD
Ashish Pershad, MD
Matthew J. Price, MD
Barry Rutherford, MD

Show Me the Data: Key Clinical Trials of 2017

Ehtisham Mahmud, MD

Latest FFR and iFR Data

Barry Rutherford, MD

The Latest Transcatheter Revolution: Catheter Based Mitral Valve Repair and Replacement

Matthew J. Price, MD

9:30 AM **Break & View Exhibits**

10:00 AM **Live Cases 7 & 8 from St. Francis Medical Center, New York, NY**
Live Operators : *Jeffrey Moses, MD and Richard Shlofmitz, MD*
Panel: *Ehtisham Mahmud, MD*
Barry Rutherford, MD
Ashish Pershad, MD
Matthew J. Price, MD
Richard A. Schatz, MD
Curtiss T. Stinis, MD
Paul S. Teirstein, MD

Unprotected Left Main PCI: Ready for Prime Time
Paul S. Teirstein, MD

Transcatheter Aortic Valve Replacement (TAVR): Expanding the Indications
Paul S. Teirstein, MD

12:00 PM **Lunch in the Fairway Ballroom**

Anti MOC Update
Paul S. Teirstein, MD

Challenging Cases Panel Discussion
Panel: *Dean Kereiakes, MD*
Matthew J. Price, MD
Richard A. Schatz, MD
Curtiss T. Stinis, MD
Paul S. Teirstein, MD

1:30 PM **Live Cases 9 & 10 from Scripps Clinic**
Panel: *Dean Kereiakes, MD*
Matthew J. Price, MD
Richard A. Schatz, MD
Curtiss T. Stinis, MD
Paul S. Teirstein, MD

Radial PCI: Getting from the Wrist to the Coronary Lesion – How to Deal with Hostile Anatomy
Matthew J. Price, MD

TAVR Tips and Tricks: How to Succeed with Challenging Cases
Curtiss T. Stinis, MD

Avoiding and Managing Femoral Access Site Complications
Curtiss T. Stinis, MD

3:30 PM **Break & View Exhibits**

4:00 PM **Live Cases 11 & 12 from Scripps Clinic**

Panel: *Dean Kereiakes, MD*
William Lombardi, MD
Matthew J. Price, MD
Richard A. Schatz, MD
Simon Walsh, MD

Duration of Dual Anti-Platelet Therapy Post Stenting: How to Integrate the Data and Treat Real World Patients

Dean Kereiakes, MD

Left Atrial Appendage Closure in Atrial Fibrillation to Prevent Stroke

Matthew J. Price, MD

Public and Physician Unawareness of Medical Reimbursement for Common Hospital Procedures

Richard A. Schatz, MD

6:00 PM **Adjourn**

Dinner Symposium in the Fairway Ballroom

Sponsored by Boston Scientific (These activities are not included in CME hours.)

6:00 PM - Cocktail Hour & Hands-on Reception

Visit the workstations and interact with new tools for complex intervention

7:00 PM - Managing Complexity with Your PCI Patients: Surgical Turndown, Aortic Stenosis, and AFib Related Stroke Risk

Welcome and Brief Tee-up of the Complex Patient and How to Manage Their Care

Matthew J. Price, MD

Complete Revascularization When the Surgeons Look Away

William Lombardi, MD

AS + CAD – Where in the Heart to Start

Simon Walsh, MD

The Complicated AFib Patient

Matthew J. Price, MD

Friday, November 10, 2017

Breakfast Symposium

6:30 – 7:30 AM in the Fairway Ballroom

Drug-eluting Technologies for the Treatment of Peripheral Arterial Disease: Where Are We in 2017 and Where are We Going?

Sponsored by Cook Medical (This activity is not included in CME hours.)

Faculty: *Curtiss T. Stinis, MD*
John A. Phillips, MD

6:30 AM **Continental Breakfast & View Exhibits**

7:30 AM **Live Cases 13 & 14 from Scripps Clinic**

Panel: *Dean Kereiakes, MD*
Ajay J. Kirtane, MD, SM
David G. Rizik, MD
Simon Walsh, MD

Durable Polymer and Polymer-Free DES

Ajay J. Kirtane, MD, SM

Bioresorbable Vascular Scaffolds

David G. Rizik, MD

Bioresorbable Polymer DES

Dean Kereiakes, MD

9:30 AM **Break & View Exhibits**

10:00 AM **Live Cases 15 & 16 from Scripps Clinic**

Panel: *Dean Kereiakes, MD*
Ajay J. Kirtane, MD, SM
William Lombardi, MD
Ashish Pershad, MD
David G. Rizik, MD

CTO Revascularization: Data Review; When to Open CTOs and When to Walk Away

Ashish Pershad, MD

Practical Approach to Chronic Total Occlusions: Step-by-Step Techniques

William Lombardi, MD

12:00 PM **Lunch in the Fairway Ballroom**

Challenging Cases Panel Discussion

Panel: *Cindy L. Grines, MD*
Ajay J. Kirtane, MD, SM
Matthew J. Price, MD
David G. Rizik, MD
Richard A. Schatz, MD
Richard Shlofmitz, MD
Curtiss T. Stinis, MD
Paul S. Teirstein, MD

1:30 PM **Live Cases 17 & 18 from Scripps Clinic**

Panel: *Cindy L. Grines, MD*
Ajay J. Kirtane, MD, SM
William Lombardi, MD
David G. Rizik, MD
Richard Shlofmitz, MD
Simon Walsh, MD

Lesion Preparation Prior to Stenting: Rotational Atherectomy

Simon Walsh, MD

Lesion Preparation Prior to Stenting: Orbital Atherectomy

Richard Shlofmitz, MD

Lesion Preparation Prior to Stenting: Laser Atherectomy

William Lombardi, MD

3:30 PM **Break & View Exhibits**

4:00 PM **Live Cases 19 & 20 from Scripps Clinic**

Panel: *Cindy L. Grines, MD*
Ajay J. Kirtane, MD, SM
David G. Rizik, MD
Richard Shlofmitz, MD

The Growing Role of OCT in PCI

Richard Shlofmitz, MD

PCI for STEMI: Fix the Culprit Lesion, or Fix All of the Lesions?

Cindy L. Grines, MD

PCI for Stable Ischemic Heart Disease: What Has Happened in the Last Week

Ajay J. Kirtane, MD, SM

6:00 PM **Final Adjournment**