

## Pre-Conference Symposium PCI in the Patient with Heart Failure

Sponsored by Abiomed, Inc

*This activity is not included in CME hours*

8:00 – 8:30 AM

### Breakfast

8:30 AM

#### **The Epidemiology of Heart Failure**

*Ajay Srivastava, MD*

8:50 AM

#### **Do All Patients with New Onset HF Need Assessment for CAD?**

*Jeffrey W. Moses, MD*

### Progression of Disease

9:05 AM

#### **CHF Pathophysiology, Etiology**

*Ajay Srivastava, MD*

9:25 AM

#### **CHF Diagnosis and Workup: WHO Needs a CHF Workup, WHAT is the Minimal Evaluation, WHEN Should We Consult the CHF Team?**

*Rajeev Mohan, MD*

9:40 AM

#### **Optimal Guideline Directed Medical Therapy for CHF**

*Ajay Srivastava, MD*

9:55 AM

#### **Patients with LV Dysfunction and Advanced Coronary Disease: Perspectives on Medical Therapy vs. Revascularization with MCS**

*Navin Kapur, MD*

10:10 – 10:30 AM

### Break

10:30 AM

#### **The Growing Patient Population for Protected PCI: Patient Selection in the Roaring 20s**

*Duane S. Pinto, MD, MPH*

10:50 AM

#### **Treatment Strategies for Treating the Growing High-Risk Patient Population: Large Bore Access for Small BMI Patients**

*Jeffrey W. Moses, MD*

11:05 AM

**Alternative Strategies for Large Bore Access: Using a Single Site for Support and Intervention**

*Jason Wollmuth, MD*

11:20 AM

**FFR and iFR in the Setting of MCS: Comparing the Accuracy of FFR and iFR When Using MCS**

*Ziad Ali, MD, DPhil*

11:35 AM

**Role of IVL in the Coronaries**

*Duane S. Pinto, MD, MPH*

11:50 AM

**Panel Discussion/Q&A**

12:00 – 12:45 PM

**Lunch**

**Long-Term Benefits and Outcomes of Protected PCI**

12:45 PM

**Restore EF**

*Jason Wollmuth, MD*

12:55 PM

**PROTECT III**

*Cindy Grines, MD*

1:05 PM

**PROTECT IV**

*Ehtisham Mahmud, MD*

1:15 PM

**Efficacy of Extensive Revascularization with Impella Support**

*Jeffrey W. Moses, MD*

1:30 PM

**Panel Discussion/Q&A**

1:45 – 2:00 PM

**Break**

2:00 PM

**The SCAI Stages of Cardiogenic Shock**

*Cindy Grines, MD*

2:15 PM

**Identifying Shock**

*Navin Kapur, MD*

2:35 PM

**The Team of Teams for the Treatment of Shock**

*Behnam Tehrani, MD*

2:55 PM

**Panel Discussion/Q&A**

3:10 PM

**Closing Remarks**

**Reception in the Fairway Garden immediately following the end of the Pre-Conference Symposium**

**Asahi Hands-On Advanced Guidewire and Microcatheter Workshop**

**4:00 – 5:00 PM**

Sponsored by Asahi Intecc USA, Inc.

*This activity is not included in CME hours*

**TAVR Tuesday Dinner Symposium**

**6:00 – 8:00 PM**

*This activity is sponsored by industry and not included in CME hours*

Moderator: *Paul S. Teirstein, MD*

**Post TAVR Echo Gradients Are a Good Indicator of Patient Prosthesis Mismatch**

*Hemal Gada, MD, MBA*

**Post TAVR Cath Gradients Are What Count - Ignore Minor Echo Gradients**

*Curtiss T. Stinis, MD*

**Accurate Neo TAVR Valve**

*David G. Rizik, MD*

**Cerebral Embolic Protection During TAVR**

*Jeffrey W. Moses, MD*

## Breakfast Symposium

### Overcoming Challenges in Radial Intervention

7:00 – 8:00 AM

Sponsored by Terumo Interventional Systems, Inc.

*This activity is not included in CME hours*

7:00 – 7:15 AM

**Tortured by Tortuosity: Wire and Sheath Selection, BAT, Artery Choice and More**

*Amir Kaki, MD*

7:15 – 7:30 AM

**PCI in 6 - Getting the Patient Out the Door in 6 hours or Less: How to Overcome Institutional Barriers to Same-Day Discharge**

*Duane S. Pinto, MD, MS*

7:30 – 7:45 AM

**Curse the Cross-Over: Case Examples of Overcoming Difficult Access**

*Jennifer A. Tremmel, MD, MS (pending)*

7:45 – 8:00 AM

**Discussion / Q&A**

8:00 – 8:20 AM

**Coffee Break**

## New Insights on the Consistency of Coronary IVL's Data

8:20 – 9:10 AM

Sponsored by Shockwave Medical, Inc.

*This activity is not included in CME hours*

8:20 – 8:30 AM

**CAD III 30d & 1yr / IVL's MOA**

*Matthew J. Price, MD*

8:30 – 8:35 AM

**Discussion / Q&A**

8:35 – 8:45 AM

**IVL OCT Analysis: Concentric/Eccentric/Nodular**

*Ziad Ali, MD, DPhil*

8:45 – 8:50 AM

**Discussion / Q&A**

8:50 – 9:00 AM

**IVL High Value Case Applications**

*Ehtisham Mahmud, MD*

9:00 – 9:05 AM

**Discussion / Q&A**

9:10 – 9:30 AM

**Coffee Break**

## **Morning Symposium II**

**9:30 – 10:20 AM**

Sponsored by BIOTRONIK, Inc.

*This activity is not included in CME hours*

9:30 – 9:35 AM

**Welcome and Introduction**

*Matthew J. Price, MD*

9:35 – 9:45 AM

**Innovation in Stent Technology**

*Jason Wollmuth, MD*

9:45 – 9:50 AM

**Discussion / Q&A**

9:50 – 10:00 AM

**What is the Latest DES Data?**

*Matthew J. Price, MD*

10:00 – 10:05 AM

**Discussion / Q&A**

10:05 – 10:15 AM

**Case Based Approaches to Perforation Management**

10:15 – 10:20 AM

**Discussion / Q&A**

10:20 – 10:40 AM

**Coffee Break**

## **Morning Symposium III**

**10:40 – 11:40 AM**

Sponsored by ACIST Medical Systems, Inc.

*This activity is not included in CME hours*

**Moderator:**

*Paul S. Teirstein, MD*

**Faculty:**

*Ziad Ali, MD, DPhil*

*Allen Jeremias, MD*

*Evan Shlofmitz, DO*

## **Lunch Symposium**

### **Simplifying Complex PCI with Physiology and Imaging**

**12:00 – 1:15 PM**

Sponsored by Abbott

*This activity is not included in CME hours*

11:40 AM – 12:00 PM

#### **Lunch & Seating of Attendees**

Moderator: *Matthew J. Price, MD*

12:00 – 12:15 PM

#### **The Full Physiology Story: From Macro to the Microcirculation**

12:15 – 12:20 PM

#### **Discussion / Q&A**

12:20 – 12:35 PM

#### **How Artificial Intelligence in Imaging Simplifies Decision Making**

*Ziad Ali, MD, DPhil*

12:35 – 12:40 PM

#### **Discussion / Q&A**

12:40 – 12:55 PM

#### **Case Presentation: AI Imaging in the Cath Lab**

*Jason Wollmuth, MD*

12:55 – 1:10 PM

#### **Contemporary DES, Polymers, and the High Bleeding Risk Patient**

*Bruce Samuels, MD*

1:10 – 1:15 PM

#### **Discussion / Q&A**

12:00 – 1:30 PM

#### **General Symposium Registration Open**

**Grande Ballroom Foyer**

## **Live Cases 1 & 2 from Scripps Clinic**

**1:30 – 3:30 PM**

**Panel:** *Ziad Ali, MD, DPhil, Cindy Grines, MD, Amir Kaki, MD, Allen Jeremias, MD, Morton Kern, MD, Jeffrey W. Moses, MD, David G. Rizik, MD, Bruce Samuels, MD, Jason Wollmuth, MD & Scripps Faculty*

#### **The Alphabet Soup of FFR, iFR, RFR, dPR, PdPa, FFRct, FFRangio: Which One Should I Use and When?**

*Morton Kern, MD*

#### **Co-Registering Angio, iFR and IVUS: Have Your Cake and Eat it Too**

*Allen Jeremias, MD*

#### **Best Practices for Radial Access**

*Matthew J. Price, MD*

3:30 – 4:00 PM

#### **Break & Visit Exhibit Hall**

## Live Cases 3 & 4 from Scripps Clinic

**4:00 – 6:00 PM**

**Panel:** *Ziad Ali, MD, DPhil, Cindy Grines, MD, Amir Kaki, MD, Morton Kern, MD, Allen Jeremias, MD, Jeffrey Moses, MD, David G. Rizik, MD, Bruce Samuels, MD, Jason Wollmuth, MD & Scripps Faculty*

**Femoral Access: Optimal Technique and Complication Management**

*Curtiss T. Stinis, MD*

**Complex TAVR: Outside the Box**

*Curtiss T. Stinis, MD*

**Non-Surgical Alternative Access for TAVR: Step-by-Step**

*Curtiss T. Stinis, MD*

### **Meet the Experts Panel & Cocktails**

**6:00 – 7:00 PM**

Sponsored by Boston Scientific

*This activity is not included in CME hours*

**Moderator:**

*Paul S. Teirstein, MD*

**Meet the Experts Presenters:**

*William Lombardi, MD*

*Curtiss T. Stinis, MD*

*Jennifer A. Tremmel, MD, MS*

### **Great Cases in Interventional Cardiology:**

**Complications, Difficult Decisions, Challenging Anatomy and More!**

**7:00 – 9:00 PM**

Sponsored by Medtronic

*This activity is not included in CME hours*

**Moderator:**

*Curtiss T. Stinis, MD*

**Faculty Panel:**

*Amir Kaki, MD*

*Matthew J. Price, MD*

*Richard Schatz, MD*

*Paul S. Teirstein, MD*

*Jennifer A. Tremmel, MD*

## Breakfast Symposium

### Balloon Expandable TAVR: Hot Topics in 2021

6:30 – 7:30 AM

*This symposium is supported by an educational grant in accordance with the ACCME Standards for Integrity and Independence in Accredited Continuing Education*

6:30 – 6:45 AM

#### The Disparity Between Invasive and Echo Gradients after TAVR

*Curtiss T. Stinis, MD*

6:45 – 7:00 AM

#### Lifetime Management after TAVR for Younger, Low Risk Patients: Coronary Access, Later Valve in Valve

*Duane S. Pinto, MD, MPH*

7:00 – 7:15 AM

#### Balloon Expandable TAVR Cases That I Have Learned From

*Antonio Colombo, MD*

7:15 – 7:30 AM

#### Discussion/Q&A

## Live Cases 5 & 6 from Scripps Clinic

7:30 – 9:30 AM

**Panel:** *Hemal Gada, MD, MBA, Allen Jeremias, MD, Amir Kaki, MD, Ajay J. Kirtane, MD, SM, Ehtisham Mahmud, MD, Richard Shlofmitz, MD, Jennifer A. Tremmel, MD, MS & Scripps Faculty*

#### The Year in Review: Key Trials Since Our Last Conference (20 minutes)

*Ehtisham Mahmud, MD*

#### What Every Cardiologist Needs to Know about COVID: Notes from a Covidgilante (20 mins)

*Eric J. Topol, MD*

9:30 – 10:00 AM

**Break & Visit Exhibit Hall**



## Live Cases 7 & 8 from Scripps Clinic

10:00 AM – 12:00 PM

**Panel:** *Allen Jeremias, MD, Amir Kaki, MD, Ajay J. Kirtane, MD, SM, Ehtisham Mahmud, MD, Bruce Samuels, MD, Richard Shlofmitz, MD, Jennifer A. Tremmel, MD, MS & Scripps Faculty*

### **Transcatheter Aortic Valve Replacement: State of the Art**

*Paul S. Teirstein, MD*

### **PCI for Unprotected Left Main and Multivessel Disease**

*Paul S. Teirstein, MD*

### **What Nobody Ever Tells You about Medical Malpractice Lawsuits**

*Paul S. Teirstein, MD*

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## Lunch & Challenging Cases

12:00 – 1:30 PM

### **Radiation Protection in the Cath Lab: The Times They are a Changing**

*David G. Rizik, MD*

### **Challenging Cases Panel Discussion**

**Panel:** *Allen Jeremias, MD, Amir Kaki, MD, Ajay J. Kirtane, MD, SM, David G. Rizik, MD, Richard Shlofmitz, MD, Jennifer A. Tremmel, MD, MS & Scripps Faculty*

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## Live Cases 9 & 10 from Scripps Clinic

1:30 – 3:30 PM

**Panel:** *Antonio Colombo, MD, Amir Kaki, MD, Ajay J. Kirtane, MD, SM, David G. Rizik, MD, Bruce Samuels, MD, Jennifer A. Tremmel, MD, MS & Scripps Faculty*

### **Shortened DAPT Duration After PCI in High-Bleeding Risk Patients: How Long and in Which Patients?**

*Ajay J. Kirtane, MD, SM*

### **The Microvascular Disease Conundrum: Who Should I Refer for Evaluation, What Tests Will They Perform and What Treatments Might They Offer?**

*Jennifer A. Tremmel, MD, MS*

### **Tips and Tricks for Tackling Complex Peripheral CTO's**

*Curtiss T. Stinis, MD*

3:30 – 4:00 PM

**Break & Visit Exhibit Hall**

## Live Cases 11 & 12 from Scripps Clinic

4:00 – 6:00 PM

**Panel:** Antonio Colombo, MD, Allen Jeremias, MD, Kathleen Kearney, MD, Ajay J. Kirtane, MD, SM,  
David G. Rizik, MD, Jennifer A. Tremmel, MD, MS & Scripps Faculty

**Grab Your Seat: Lipid Lowering Targets in PCI Patients Have Changed AGAIN!! New Recommendations Made Simple**

*Douglas Triffon, MD*

**Incorporating CT Angio into Your Practice: When to CT, When to Stress Test**

*Austin Robinson, MD*

**Ready for Prime Time: Where Does Transcatheter Mitral Valve Repair Fit into Current Practice?**

*Matthew J. Price, MD*

### Cocktail Hour & Hands-On

#### Dinner Symposium: Best Friends Forever: Imaging and Vessel Preparation

6:00 – 8:00 PM

Sponsored by Boston Scientific

*This activity is not included in CME hours*

**Moderator:**

*Matthew J. Price, MD*

6:45 – 6:50 PM

**Welcome and Introduction**

*Matthew J. Price, MD*

6:50 – 7:00 PM

**Case Introduction**

*William Lombardi, MD*

7:00 – 7:15 PM

**Importance of IVUS-Driven PCI Planning: It's 2021 – With All the Data We Have, Why is Imaging Used in Under 15% of US PCI?**

*Ajay J. Kirtane, MD, SM*

7:15 – 7:30 PM

**Long Story Short: Importance of Vessel Prep in Long Diffuse Calcified Lesions**

*Jason Wollmuth, MD*

7:30 – 7:45 PM

**Big Innovation: MEGATRON – Purpose-Built Large Proximal Stent**

*Kate Kearney, MD*

7:45 – 8:00 PM

**Case Conclusion & Discussion**

*William Lombardi & all faculty*

6:00 – 6:30 AM  
**Breakfast Buffet**

## **Breakfast Symposium**

### **Antiplatelet Therapy Conundrums**

**6:30 – 7:30 AM**

*This symposium is supported by an educational grant in accordance with the ACCME Standards for Integrity and Independence in Accredited Continuing Education*

6:30 – 6:55 AM

#### **The Case for Intensive P2Y12 Inhibition During Modern PCI**

*Ajay J. Kirtane, MD, SM*

6:55 – 7:20 AM

#### **Antiplatelet Conundrums: Which Drug for Which Patient - Case Examples**

*Duane S. Pinto, MD, MPH*

7:20 – 7:30 AM

#### **Discussion / Q&A**

## **Live Cases 13 & 14 from Scripps Clinic**

**7:30 – 9:30 AM**

**Panel:** *Antonio Colombo, MD, Ziad Ali, MD, DPhil, Amir Kaki, MD, Ajay Kirtane, MD, SM, Jason Wollmuth, MD & Scripps Faculty*

#### **An Algorithm to Treat Calcium: How and When to Choose Between Coronary Lithotripsy (IVL), Rotational, Orbital, and Laser Atherectomy**

*Ziad Ali, MD, DPhil*

#### **What Every Interventionist Should Know (20 mins)**

*Antonio Colombo, MD*

9:30 – 10:00 AM

**Break & Visit Exhibit Hall**

## **Live Cases 15 & 16 from Scripps Clinic**

**10:00 AM – 12:00 PM**

**Panel:** *Ziad Ali, MD, DPhil, Amir Kaki, MD, Ajay Kirtane, MD, SM, William Lombardi, MD, Richard Shlofmitz, MD, Jason Wollmuth, MD & Scripps Faculty*

#### **I'm Kind of a CTO Beginner: Give Me a SIMPLE Algorithm (What Wires, What Catheters, When) (20 mins)**

*Jason Wollmuth, MD*

#### **State of the Art CTO Techniques: What Key Advances Did I Miss During the Pandemic? (20 mins)**

*William Lombardi, MD*

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## Lunch & Challenging Cases

**12:00 – 1:30 PM**

**How to Take a Mid-Career 3-Month Sabbatical: What Did I Learn? How Did I Pull It Off?**

*William Lombardi, MD*

**Challenging Cases Panel Discussion**

**Panel:** *Amir Kaki, MD, Kathleen Kearney, MD, William Lombardi, MD, Duane S. Pinto, MD, MPH, Jennifer A. Tremmel, MD, MS & Scripps Faculty*

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## Live Cases 17 & 18 from Scripps Clinic

**1:30 – 3:30 PM**

**Panel:** *Antonio Colombo, MD, Amir Kaki, MD, Kate Kearney, MD, William Lombardi, MD,*

*Duane S. Pinto, MD, MPH, Richard Shlofmitz, MD, Jason Wollmuth, MD & Scripps Faculty*

**OCT Made Simple**

*Richard Shlofmitz, MD*

**Case Selection and Case Preparation for Myocardial Support: PLVAD and ECMO**

*Amir Kaki, MD*

**NOACs or Left Atrial Appendage Closure: Which Therapy for Which Patient?**

*Matthew J. Price, MD*

3:30 – 4:00 PM

**Break & Visit Exhibit Hall**

## Live Cases 19 & 20 from Scripps Clinic

**4:00 – 6:00 PM**

**Panel:** *Antonio Colombo, MD, Amir Kaki, MD, Kate Kearney, MD, William Lombardi, MD,*

*Duane S. Pinto, MD, MPH, Jason Wollmuth, MD & Scripps Faculty*

**Peloton® in the Cath Lab: The Key Role for Exercise Right Heart Catheterization in Patients with Dyspnea**

*Ajay Srivastava, MD*

**New Concepts in Primary PCI for Acute MI: What Should I Be Doing Differently?**

*Duane S. Pinto, MD, MPH*

6:00 PM

**Adjourn**