Evening Symposium
Emerging Interventional Technologies That May Shift the Treatment Paradigm: SYNERGY™ and WATCHMAN™

Sponsored by Boston Scientific

Monday, October 12, 2015  |  Reception: 6:00 pm  |  Program: 6:30 pm – 8:00 pm
Hilton San Francisco Union Square, Grand Ballroom B

Chair
Martin B. Leon, MD
Cardiovascular Research Foundation
New York, New York

Synergy Moderated Discussion
Moderator  Martin B. Leon, MD
Panelists  Jose M. de la Torre Hernandez, MD, PhD; Dean Kereiakes, MD; Ian Meredith, MBBS

Watchman Moderated Discussion
Moderator  Martin B. Leon, MD
Panelists  David R. Holmes Jr, MD; Saibal Kar, MD; Vivek Y. Reddy, MD; Mark Reisman, MD

Sponsored Guest Speaker
Arnold Schwarzenegger, a special guest, of Cardiovascular Research Foundation.

Shuttles to The Moscone Center will be provided.

Monday, October 12, 2015  |  8:30 pm  |  Main Arena  |  The Moscone Center  |  San Francisco, CA

Martin B. Leon, MD
Cardiovascular Research Foundation
New York, NY

Jose M. de la Torre Hernandez, MD, PhD
Hospital Universitario Marques de Valdelcilla
Santander, Spain

Dean Kereiakes, MD
The Christ Hospital
Cincinnati, OH

Ian Meredith, MBBS
Monash Heart Centre
Victoria, Australia

David R. Holmes Jr, MD
Mayo Clinic
Rochester, MN

Saibal Kar, MD
Cedars-Sinai Medical Center
Los Angeles, CA

Vivek Y. Reddy, MD
Mount Sinai Hospital
New York, NY

Mark Reisman, MD
University of Washington
Seattle, WA

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Pioneering New Therapies for the Treatment of Heart Disease

The Cardiovascular Research Foundation has devoted 25 years to innovation, pioneering research, and outstanding educational programs to discover more effective strategies to prevent, control, and treat cardiovascular disease.
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BREAKFAST MEETINGS
Monday-Thursday
Breakfast: 6:30 AM
Program: 7:00 AM-8:00 AM

PRESENTATION THEATER PROGRAMS
Lunch will be served.
Monday-Wednesday
11:30 AM-12:30 PM
1:00 PM-2:00 PM

EVENING PROGRAMS
Monday-Wednesday
Reception: 6:00 PM
Program: 6:30 PM-8:00 PM
This year’s TCT will be devoted to practical hands-on training for physicians and healthcare professionals. View and test drive the most cutting-edge technologies and innovative techniques in interventional cardiovascular medicine.

FEATURING:
Interactive Bioskills Theater
Program Directors: Juan F. Granada, MD, and Mark Reisman, MD

A three-day program created specifically for interventional cardiologists interested in learning about complex interventional procedures and techniques found in daily practice. The program features hands-on practice sessions and interactive demonstrations of the latest devices and techniques in the following areas:

**Monday, October 12:**
*Mitral Valve Intervention/Left Atrial Appendage*

**Tuesday, October 13:**
*Transcatheter Aortic Valve Replacement/Peripheral Vascular Disease/Vascular Access*

**Wednesday, October 14:**
*Complex Coronary Interventions/Chronic Total Occlusions*

You’ll be able to:

- Learn the key anatomical and pathological landmarks required for the performance of complex interventional procedures
- Understand device interaction and performance of various technologies in different anatomical scenarios
- Improve your techniques by understanding the anatomical basis of the disease process and interaction with device performance

**Hands on Hearts®**
Hands-on learning with cadaver hearts demonstrating a variety of structural and congenital disorders.

**Visible Heart Lab®**
View videos from inside functional human hearts and learn more about imaging techniques and the heart’s anatomy and function.

**Simulation Center**
Featuring advanced computer simulation platforms.

**Hands-on Technology Demos**
Latest internationally available devices.
MITRAL REGURGITATION INTERVENTIONS: MEASURING TODAY’S SUCCESS AND GUIDING TOMORROW’S EVOLUTION

MONDAY, OCTOBER 12, 2015

Breakfast: 6:30 AM
Program: 7:00 AM-8:00 AM

The Moscone Center
Moscone North, Lower Level, Room 121
San Francisco, CA

CHAIR
Alec S. Vahanian, MD
Hôpital Bichat
Paris, France

INVITED FACULTY
William T. Abraham, MD
Ohio State University
Columbus, OH

John D. Carroll, MD
University of Colorado Denver
Denver, CO

A. Pieter Kappetein, MD, PhD
Thoraxcenter of Erasmus University
Rotterdam, the Netherlands

AGENDA
7:00 AM Mitral Valve Interventions: The Evolution of Treatment Options
Alec S. Vahanian

7:05 AM Quality of Life Is the Key Clinical Metric in Treating Secondary MR
William T. Abraham

7:15 AM Discussion

7:20 AM Elimination of MR Is the Key Metric in the Treatment of MR
A. Pieter Kappetein

7:30 AM Discussion

7:35 AM Roundtable Discussion With Audience Q&A: Surgery vs Transcatheter MV Repair vs Transcatheter MV Replacement: Ongoing Clinical Trials and MVARC Caveats and Consensus

8:00 AM Adjourn

Sponsored by Supported through an educational grant from
TREATMENT OF COMPLEX HIGHER-RISK PATIENTS: INTRODUCTION TO PROTECTED PCI

Monday, October 12, 2015
Breakfast: 6:30 AM
Program: 7:00 AM–8:00 AM

The Moscone Center
Moscone North, Lower Level, Room 122
San Francisco, CA

CHAIR
John M. Lasala, MD, PhD
Washington University School of Medicine
St. Louis, MO

INVITED FACULTY
William L. Lombardi, MD
University of Washington Medical Center
Seattle, WA

Jeffrey W. Moses, MD
NewYork-Presbyterian Hospital/Columbia University Medical Center
New York, NY

William W. O’Neill, MD
Henry Ford Hospital
Detroit, MI

AGENDA
7:00 AM  The Growing Need for Complex High-Risk Interventional Procedures
          John M. Lasala

7:05 AM  Current Trends in PCI Procedures Performed in the US
          Jeffrey W. Moses

7:15 AM  Protected PCI: Expanding Options for Complex Patient Subsets
          William L. Lombardi

7:25 AM  Clinical Outcomes With Protected PCI: PROTECT II and Beyond
          William W. O’Neill

7:50 AM  Discussion and Summary

8:00 AM  Adjourn
Managing Atrial Fibrillation and Chronic Anticoagulant Therapy in Patients Undergoing PCI: AN EXPERT CONSENSUS

Monday, October 12, 2015
Breakfast: 6:30 AM
Program: 7:00 AM - 8:00 AM

The Moscone Center
Moscone North, Lower Level, Room 120
San Francisco, CA

AGENDA

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?
Stephen D. Wiviott

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

7:48 AM Discussion With Audience Q&A

8:00 AM Adjourn
Management of Complex PCI Patients: Award-Winning Case Presentations

Wednesday, October 14, 2015
Breakfast: 6:30 AM
Program: 7:00 AM-8:00 AM
The Moscone Center
Moscone North, Lower Level, Room 121
San Francisco, CA

CHAIRS
George Dangas, MD, PhD
Mount Sinai Medical Center
New York, NY
Theodore L. Schreiber, MD
Cardiovascular Consultants
Warren, MI
George Vetrovec, MD
VCU Medical Center
Richmond, VA

PANELISTS
Etisham Mahmud, MD
UC San Diego School of Medicine
La Jolla, CA
Perwaiz Meraj, MD
Long Island Jewish Medical Center
New Hyde Park, NY

INVITED FACULTY
Roberto Nerla, MD
Università Cattolica del Sacro Cuore
Rome, Italy
Dagmar Ouweneel, MD
AMC Amsterdam
Amsterdam, the Netherlands
Jeremy Rier, MD
Medical University of South Carolina
Charleston, SC

AGENDA
6:30 AM Breakfast
7:00 AM Bailout Use of Impella CP as a Bridge to TAVI in a Cardiogenic Shock Patient: The “Pump-Rewiring” Technique
Roberto Nerla
7:15 AM Q&A
7:20 AM Impella Placement Before Primary PCI of a Left Main Occlusion
Dagmar Ouweneel
7:35 AM Q&A
7:40 AM High-Risk PCI: Sometimes It’s Necessary to PROTECT
Jeremy Rier
7:55 AM Q&A
8:00 AM Adjourn

A Breakfast Meeting at tct2015
Integrating Physiology and Imaging Into the Cath Lab:
What Technology Should I Use, and How and When Should I Use It?

Wednesday, October 14, 2015
The Moscone Center
Moscone North, Lower Level, Room 122
San Francisco, CA

Breakfast: 6:30 am
Program: 7:00 am-8:00 am

Chairs
Gary S. Mintz, MD
Cardiovascular Research Foundation
New York, NY

John McB. Hodgson, MD
Case Western Reserve School of Medicine
Cleveland, OH

Invited Faculty
Emmanouil S. Brilakis, MD, PhD
VA North Texas Health Care System and UT Southwestern Medical Center
Dallas, TX

Shao-Liang Chen, MD, PhD
First Affiliated Hospital of Nanjing Medical Center
Jiangsu, China

Allen Jeremias, MD, MSc
Stony Brook University Medical Center
New York, NY

Agenda
7:00 AM
How Do I Assess an Intermediate Lesion?
Allen Jeremias

7:10 AM
How Do I Predict (and Hopefully Avoid) Distal Embolization When Implanting a Stent?
Emmanouil S. Brilakis

7:20 AM
How Do I Optimize Stent Implantation?
John McB. Hodgson

7:30 AM
How and When Do I Assess a Jailed Side Branch After Provisional Stenting?
Shao-Liang Chen

7:40 AM
How Do I Assess Causes of Stent Thrombosis and In-Stent Restenosis?
Gary S. Mintz

7:50 AM
Discussion

8:00 AM
Adjourn

Sponsored by Supported through educational grants from
Cardiovascular Research Foundation, Infraredx, Inc., Medtronic, Inc., and St. Jude Medical, Inc.
Renal Denervation Therapies: Current Evidence and Controversies

Wednesday, October 14, 2015
Breakfast: 6:30 AM
Program: 7:00 AM-8:00 AM

The Moscone Center
Moscone North, Lower Level, Room 120
San Francisco, CA

Chairs
Ajay J. Kirtane, MD, SM
NewYork-Presbyterian Hospital/
Columbia University Medical Center
New York, NY

Martin B. Leon, MD
NewYork-Presbyterian Hospital/
Columbia University Medical Center
New York, NY

Invited Faculty
Juan F. Granada, MD
CRF Skirball Center for Innovation
Orangeburg, NY

David E. Kandzari, MD
Piedmont Heart Institute
Atlanta, GA

Felix Mahfoud, MD
Dept. of Internal Medicine III
Homburg/Saar, Germany

Krishna J. Rocha-Singh, MD
Prairie Heart Institute, St. John’s Hospital
Springfield, IL

Agenda
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 Audience Q&A

7:32 AM How I Use (and Study) Renal Denervation in My Center: Everything You Need to Know With Case Examples
Felix Mahfoud

7:45 AM Audience Q&A

7:50 AM Predicting the Path Ahead for Renal Denervation Therapies
Krishna J. Rocha-Singh

8:00 AM Adjourn
Contrast-Induced Acute Kidney Injury: Focus on Hydration and Dye Saving

Wednesday, October 14, 2015
Breakfast: 6:30 AM
Program: 7:00 AM-8:00 AM

The Moscone Center
Moscone North, Lower Level, Room 130
San Francisco, CA

Supported through educational grants from Osprey Medical, Inc., and RenalGuard Solutions, Inc.

Sponsored by

Chair
Roxana Mehran, MD
Mount Sinai Hospital
New York, NY

Invited Faculty
Antonio L. Bartorelli, MD
University of Milan
Milan, Italy

Somjot S. Brar, MD
Kaiser Permanente
Los Angeles, CA

Carlo Briguori, MD, PhD
Clinica Mediterranea
Naples, Italy

Steffen Desch, MD
University of Schleswig-Holstein,
Campus Lübeck
Lübeck, Germany

Hitinder Gurm, MD
University of Michigan Medical Center
Ann Arbor, MI

Agenda

7:00 AM
Welcome and Introductions
Roxana Mehran

7:05 AM
Importance of Hydration: How to Do It Best?
RenalGuard Therapy
Carlo Briguori

7:15 AM
Dye Saving Tips: The AVERT System
Steffen Desch

7:25 AM
Case Presentation: A Difficult Patient at High Risk for AKI – How to Choose Optimal Dye Savings and Hydration Methods
Antonio L. Bartorelli

7:50 AM
Discussion: The Future of AKI Regarding Contrast and Hydration Status
Somjot S. Brar and Hitinder Gurm

8:00 AM
Adjourn
Contrast-Induced Acute Kidney Injury: Focus on Hydration and Dye Saving

Wednesday, October 14, 2015
Breakfast: 6:30 AM
Program: 7:00 AM-8:00 AM

The Moscone Center
Moscone North, Lower Level, Room 130
San Francisco, CA

Supported through educational grants from Osprey Medical, Inc., and RenalGuard Solutions, Inc.

Sponsored by

Chair
Roxana Mehran, MD
Mount Sinai Hospital
New York, NY

Invited Faculty
Antonio L. Bartorelli, MD
University of Milan
Milan, Italy
Somjot S. Brar, MD
Kaiser Permanente
Los Angeles, CA
Carlo Briguori, MD, PhD
Clinica Mediterranea
Naples, Italy
Steffen Desch, MD
University of Schleswig-Holstein, Campus Lübeck
Lübeck, Germany
Hitinder Gurm, MD
University of Michigan Medical Center
Ann Arbor, MI

Agenda
7:00 AM
Welcome and Introductions
Roxana Mehran

7:05 AM
Importance of Hydration: How to Do It Best?
RenalGuard Therapy
Carlo Briguori

7:15 AM
Dye Saving Tips: The AVERT System
Steffen Desch

7:25 AM
Case Presentation: A Difficult Patient at High Risk for AKI – How to Choose Optimal Dye Savings and Hydration Methods
Antonio L. Bartorelli

7:50 AM
Discussion: The Future of AKI Regarding Contrast and Hydration Status
Somjot S. Brar and Hitinder Gurm

8:00 AM
Adjourn

PCI COMPLICATIONS: THE BEST OF THE WORST

Wednesday, October 14, 2015
Breakfast: 6:30 AM
Program: 7:00 AM-8:00 AM

The Moscone Center
Moscone North, Lower Level, Room 123
San Francisco, CA

Chairs
Antonio Colombo, MD
Columbus Hospital/
San Raffaele Hospital
Milan, Italy

Manish A. Parikh, MD
NewYork-Presbyterian Hospital/
Columbia University Medical Center
New York, NY

Invited Faculty
Nirat Beohar, MD
Mount Sinai Medical Center
Miami Beach, FL

David A. Cox, MD
Lehigh Valley Health Network
Bethlehem, PA

J. Aaron Grantham, MD
University of Missouri Kansas City and Mid America Heart Institute
Kansas City, MO

Daniel I. Simon, MD
University Hospitals Case Medical Center
Cleveland, OH

Agenda
7:00 AM
The Coronary Perforation Nightmare
J. Aaron Grantham

7:10 AM
Discussion

7:15 AM
The Coronary That “Spiraled Out of Control”
Daniel I. Simon

7:25 AM
Discussion

7:30 AM
The “Slam Dunk” STEMI: No Reflow and Beyond
David A. Cox

7:40 AM
Discussion

7:45 AM
My Worst Vascular Complication of the Year
Nirat Beohar

7:55 AM
Discussion

8:00 AM
Adjourn

Sponsored by

Supported through an educational grant from

Medtronic, Inc.
Guidewire Design and Selection: A User’s Guide

Thursday, October 15, 2015
The Moscone Center
Moscone North, Lower Level, Room 132
San Francisco, CA

Breakfast: 6:30 AM
Program: 7:00 AM-8:00 AM

Chairs
Dimitri Karmpaliotis, MD, PhD
NewYork-Presbyterian Hospital/
Columbia University Medical Center
New York, NY

Martin B. Leon, MD
NewYork-Presbyterian Hospital/
Columbia University Medical Center
New York, NY

Invited Faculty
Ajay J. Kirtane, MD, SM
NewYork-Presbyterian Hospital/
Columbia University Medical Center
New York, NY

Jeffrey W. Moses, MD
NewYork-Presbyterian Hospital/
Columbia University Medical Center
New York, NY

Stéphane Rinfret, MD
Quebec Heart and Lung Institute
Quebec City, Canada

Agenda

7:00 AM    Welcome and Introductions
           Martin B. Leon

7:05 AM    Anatomy and Design of Coronary Guidewires 101:
           Engineering for the Interventionalist
           Dimitri Karmpaliotis

7:15 AM    Applied Use of Coronary Guidewires: Basic Principles
           for Wire Manipulation in CTO Lesions
           Stéphane Rinfret

Case Presentations

7:30 AM    CTO Wires: Antegrade and Retrograde Approaches
           Jeffrey W. Moses

7:45 AM    Hydrophilic and Support Wires
           Ajay J. Kirtane

7:55 AM    Discussion With Audience Q&A

8:00 AM    Adjourn

Supported through educational grants from
Abbott, Boston Scientific Corporation,
and Medtronic, Inc.

A Breakfast Meeting at tct2015
An integrated state-of-the-art translational research platform: We are a state-of-the-art organization with the intellectual capital and expertise to support an integrated platform for biomedical innovation. We guide early ideas and innovation into the arena of human application. Our multidisciplinary organization develops the strategies needed to navigate and facilitate this process.

What We Do
- Interventional vascular biology
- Advanced cardiovascular imaging
- Regenerative interventional therapies
- Structural heart disease
- Interventional pharmacology

What We Offer
- Early device development guidance
- Evaluation of device safety and efficacy
- GLP strategic development and execution
- Transition to FIH clinical studies
- Hands-on physician training

crf.org/skirball-center-for-innovation
Breakfast Meetings

MONDAY, OCTOBER 12, 2015

Simplify FFR for Your Practice, New Approaches to Rapid Pressure Measurement
Moscone North, Lower Level, Room 123
Sponsored by ACIST Medical Systems & Medtronic, PLC

Chair
Morton Kern, MD
UC Irvine
Long Beach, CA

Faculty
Nils Johnson, MD
University of Texas - Houston
Houston, TX
Marco Valgimigli, MD
Thoraxcenter Rotterdam, the Netherlands

Agenda
6:30 AM - Breakfast
7:00 AM - Parachute Therapy Overview
Brijeshwar Maini
7:05 AM - Quality of Life Is the Key Metric in the Treatment of MR
A. Pieter Kappetein
7:10 AM - Discussion
7:20 AM - Elimination of MR Is the Key Metric in the Treatment of MR
A. Pieter Kappetein
7:30 AM - Discussion
7:35 AM - Roundtable Discussion With Audience Q&A: Surgery vs Transcatheter MV Repair vs Transcatheter MV Replacement: Ongoing Clinical Trials and MVARC Caveats and Consensus
8:00 AM - Adjourn

Teguh Santoso, MD
Medistra Hospital
Jakarta, Indonesia

Mitral Regurgitation Interventions: Measuring Today’s Success and Guiding Tomorrow’s Evolution
Moscone North, Lower Level, Room 121
Sponsored by Cardiovascular Research Foundation
Supported through an educational grant from Abbott
This activity has been approved for 1 AMA PRA Category 1 Credit™

Chair
Alec S. Vahanian, MD
Hôpital Bichat
Paris, France

Faculty
William T. Abraham, MD
Ohio State University
Columbus, OH
John D. Carroll, MD
University of Colorado Denver
Denver, CO
A. Pieter Kappetein, MD, PhD
Thoraxcenter of Erasmus University Rotterdam, the Netherlands

Agenda
6:30 AM - Breakfast
7:00 AM - Mitral Valve Interventions: The Evolution of Treatment Options
Alec S. Vahanian
7:05 AM - Discussion
7:15 AM - Discussion
7:20 AM - Elimination of MR Is the Key Metric in the Treatment of MR
A. Pieter Kappetein
7:30 AM - Discussion
7:35 AM - Roundtable Discussion With Audience Q&A: Surgery vs Transcatheter MV Repair vs Transcatheter MV Replacement: Ongoing Clinical Trials and MVARC Caveats and Consensus
8:00 AM - Adjourn

Treatment of Complex Higher-Risk Patients: Introduction to Protected PCI
Moscone North, Lower Level, Room 122
Sponsored by Cardiovascular Research Foundation
Supported through a grant from ABIOMED, Inc.

Chair
John M. Lasala, MD, PhD
Washington University School of Medicine
St. Louis, MO

Faculty
William Lombardi, MD
University of Washington Medical Center
Seattle, WA
Jeffrey W. Moses
NewYork-Presbyterian Hospital/Columbia University Medical Center
New York, NY
William W. O’Neill, MD
Henry Ford Hospital
Detroit, MI

Agenda
6:30 AM - Breakfast
7:00 AM - The Growing Need for Complex High-Risk Interventional Procedures
John M. Lasala
7:05 AM - Current Trends in PCI Procedures Performed in the US
Jeffrey W. Moses
7:15 AM - Protected PCI: Expanding Options for Complex Patient Subsets
William Lombardi
7:25 AM - Clinical Outcomes With Protected PCI: PROTECT II and Beyond
William W. O’Neill
7:50 AM - Discussion and Summary
8:00 AM - Adjourn

Parachute: A Structural Heart Device for Heart Failure
Moscone North, Lower Level, Room 130
Sponsored by CardioKinetix, Inc.

Chair
Marco Costa, MD, PhD
University Hospitals, Case Western Reserve Cleveland, OH

Faculty
William T. Abraham, MD
Ohio State University
Columbus, OH
John D. Carroll, MD
University of Colorado Denver
Denver, CO
A. Pieter Kappetein, MD, PhD
Thoraxcenter of Erasmus University Rotterdam, the Netherlands

Agenda
6:30 AM - Breakfast
7:00 AM - Parachute Therapy Overview
Brijeshwar Maini
7:10 AM - Roundtable Discussion With Audience Q&A: Surgery vs Transcatheter MV Repair vs Transcatheter MV Replacement: Ongoing Clinical Trials and MVARC Caveats and Consensus
8:00 AM - Adjourn
Managing Atrial Fibrillation and Chronic Anticoagulant Therapy in Patients Undergoing PCI: An Expert Consensus
Moscone North, Lower Level, Room 120
Supported by Cardiovascular Research Foundation
Supported through educational grants from Boston Scientific Corporation and Medtronic, Inc.
This activity has been approved for 1 AMA PRA Category 1 Credit™

Chairs
Roxana Mehran, MD
Mount Sinai Hospital
New York, NY
Brian K. Whisenant, MD
Intermountain Medical Center
Murray, UT

Faculty
Deepak L. Bhatt, MD, MPH
Brigham and Women’s Hospital
Boston, MA
C. Michael Gibson, MS, MD
Beth Israel Deaconess Medical Center
Boston, MA
William A. Gray, MD
New York-Presbyterian Hospital/Columbia University Medical Center
New York, NY
Stephen D. Wiviott, MD
Brigham and Women’s Hospital
Boston, MA

Agenda
6:30 AM - Breakfast
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? Stephen D. Wiviott
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
7:48 AM - Discussion With Audience Q&A
8:00 AM - Adjourn

Transforming TAVR
Moscone North, Lower Level, Room 124
Sponsored by Edwards Lifesciences

Chair
Martin B. Leon, MD
NewYork-Presbyterian Hospital/Columbia University Medical Center
New York, NY

Faculty
Laksen Sirimanne
Edwards Lifesciences
Irvine, CA

Agenda
6:30 AM - Breakfast
7:00 AM - The Power of Definitive Data
Martin B. Leon
7:40 AM - The Power of Transformational Design
Laksen Sirimanne
8:00 AM - Adjourn

Complex PCI Procedures: A Discussion of Clinical Cases Using Visipaque™ (Iodixanol) Injection, the Isosmolar Contrast Agent
Moscone North, Lower Level, Room 131
Sponsored by GE Healthcare

Chair
Emmanouil S. Brilakis, MD, PhD
VA North Texas Healthcare System
Dallas, TX

Faculty
Lauren Lim, Medical Director, Medical & Professional Services GE Healthcare
Marlborough, MA

Agenda
7:00 AM - GE Healthcare Welcome
7:05 AM - Visipaque Overview
Lauren Lim
7:10 AM - Introduction: Complex and High-Risk Indicated PCI “CHIP” cases Emmanouil S. Brilakis
7:15 AM - CASE 1: PCI of Last Two Remaining Vessels
7:30 AM - Questions & Answers
7:35 AM - CASE 2: Chasing Rabbit Tails

7:50 AM - Questions & Answers
7:55 AM - Closing Remarks
8:00 AM - Adjourn

Are You Prepared for Bioresorbable Scaffolds? Technical and Clinical Considerations for BRS: Integrating Intravascular Imaging Into Your Practice
Moscone North, Lower Level, Room 125
Sponsored by Volcano Philips

Chairs
Akiko Maehara, MD
Cardiovascular Research Foundation
New York, NY
Gary S. Mintz, MD
Cardiovascular Research Foundation
New York, NY

Faculty
Hiroshi Kawamoto, MD
San Raffaele Hospital
Milan, Italy
Shimpei Nakatani, MD
Thoraxcenter Erasmus University Medical Center
Rotterdam, the Netherlands
Bruce Samuels, MD
Cedars-Sinai Medical Center
Los Angeles, CA

Agenda
6:30 AM - Breakfast
7:00 AM - Mechanical Properties of Bioresorbable Scaffolds Assessed by Intravascular Imaging: What Does the Interventional Cardiologist Need to Know? Shimpei Nakatani
7:15 AM - Lessons From 300 Bioresorbable Scaffolds Implantation Cases With IVUS: What Imaging and Patient Outcome Goals Should We Set With BRS? Hiroshi Kawamoto
7:30 AM - A New Precision-Guided Workflow With SyncVision® IVUS Co-registration and Enhanced Angiographic Imaging: What Are the Implications in a Value-Based Health Care System? Bruce Samuels
7:45 AM - Question and Answer
8:00 AM - Adjourn
Breakfast Meetings

**TUESDAY, OCTOBER 13, 2015**

**Complex SFA Interventions: Evidence-Based Decision Making for New Technologies**
Moscone North, Lower Level, Room 122
Sponsored by Abbott

**Faculty**
Ethan Korngold, MD
Providence Heart and Vascular Institute
Portland, OR

John Laird Jr., MD
University of California, Davis Medical Center
Davis, CA

Andrej Schmidt, MD
University Clinic Leipzig, Germany

**Agenda**
6:30 am - Breakfast
7:00 am - Complex SFA Interventions: Evidence-Based Decision Making for New Technologies
Ethan Korngold, John Laird Jr., Andrej Schmidt
8:00 am - Adjourn

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**IVUS Reinvented in HD: The State of the Art in HD-IVUS**
Moscone North, Lower Level, Room 125
Sponsored by ACIST Medical Systems and Medtronic, PLC

**Chair**
Gary S. Mintz, MD
Cardiovascular Research Foundation
New York, NY

**Faculty**
Jeffrey Chambers, MD
Metropolitan Heart and Vascular Institute
Coon Rapids, MN

Jasvindar Singh, MD
Barnes Jewish Hospital
St. Louis, MS

**Agenda**
6:30 am - Breakfast
7:00 am - Introduction
7:05 am - New Trends in Access Site Closure: Venous Closure – An Unessential or Unrecognized Need?
Augusto Pichard
7:20 am - 4,000 Patient Extravascular vs Anchor-Based Closure Data From a High-Volume Center
Itsik Ben-Dor
7:35 am - Emerging Strategies in Preventing and Managing Iliofemoral Complications: Existing Occlusion Techniques and New Occlusion Devices
Nelson Bernardo
7:50 am - Closing Remarks
8:00 am - Adjourn

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**Intra-aortic Balloon Counterpulsation for Percutaneous Aortic Valve or Complex PCI Procedures: Award-Winning Case Presentations**
Moscone North, Lower Level, Room 124
Sponsored by Cardiovascular Research Foundation
Supported through an educational grant from MAQUET Holding B.V. & Co. KG

**Chairs**
Tayo Addo, MD
UT Southwestern Medical Center
Dallas, TX

George Dangas, MD, PhD
Mount Sinai Medical Center
New York, NY

Vijayalakshmi Kunadian, MBBS, MD,
Newcastle University, Freeman Hospital Tyne, United Kingdom

**Faculty**
Aung Myat, MD
The Royal Wolverhampton NHS Trust
Wolverhampton, United Kingdom

Masaki Tanabe, MD
Dai-ni Okamoto General Hospital
Kyoto, Japan

Lokien van Nunen, MD
Catharina Hospital Eindhoven
Eindhoven, the Netherlands

**Agenda**
6:30 am - Breakfast
7:00 am - Tough Management of Cardiogenic Shock Due to Acute Coronary Syndrome With Comorbidity of Septic Shock
Masaki Tanabe
7:15 am - Q&A
7:20 am - An Unusual Case of Postoperative ST-Segment Elevation Following Coronary Artery Bypass Graft Surgery
Aung Myat
7:35 am - Q&A
7:40 am - Exhausted Coronary Autoregulation in Acute Myocardial Infarction: A Prerequisite for Effective Intra-aortic Balloon Pump Therapy
Lokien van Nunen
7:55 am - Q&A
8:00 am - Adjourn

---

**PiCSO™: Novel Strategies in PCI –Targeting Impaired Myocardial Perfusion**
Moscone North, Lower Level, Room 120
Sponsored by Miracor Medical Systems

**Chairs**
Werner Mohl, MD, PhD
Medical University of Vienna
Vienna, Austria

Gregg W. Stone, MD
Columbia University Medical Center/ NewYork-Presbyterian Hospital
New York, NY
Azfar G. Zaman, MD
Freeman Hospital
Newcastle upon Tyne, United Kingdom

Faculty
Adrian P. Banning, MD
John Radcliffe Hospital
Oxford, United Kingdom

Agenda
6:30 AM - Breakfast
7:00 AM - Welcome
Werner Mohl
7:05 AM - Myocardial Perfusion, Salvage, and Infarct Size After STEMI: What Are the Remaining Challenges?
Gregg W. Stone
7:20 AM - Can We Measure Microvascular Function and Tailor Additional Therapies When Treating STEMI?
Adrian P. Banning
7:35 AM - PiCSO to Improve Myocardial Perfusion During PCI: The European Experience
Azfar G. Zaman
7:50 AM - Discussion and Summary
Gregg W. Stone
8:00 AM - Adjourn

Practical Current and Future Approaches to Leaving Nothing Behind
Moscone North, Lower Level, Room 130
Sponsored by TriReme Medical

Chair
Martin B. Leon, MD
NewYork-Presbyterian Hospital/Columbia University Medical Center
New York, NY

Faculty
Jihad A. Mustapha, MD
Metro Heart & Vascular
Metro Health Hospital
Wyoming, MI

Manish A. Parikh, MD
NewYork Presbyterian Hospital/Columbia University Medical Center
New York, NY

Jasvinder Singh, MD
Washington University in St. Louis
Barnes-Jewish Hospital
St. Louis, MO

Thomas Zeller, MD
Universitäts-Herzzentrum Freiburg-Bad Krozingen
Bad Krozingen, Germany

Agenda
6:30 AM - Breakfast
7:00 AM - Introduction
Martin B. Leon
7:10 AM - Chocolate PTA: Currently the Most Viable Option for BTK
Jihad A. Mustapha
7:20 AM - Peripheral Chocolate DCB: ENDURE Study Interim Results
Thomas Zeller
7:30 AM - Chocolate PTCA: Optimal Vessel Prep for BVS
Jasvinder Singh
7:40 AM - Coronary Chocolate: Clinical Pathway
Manish A. Parikh
7:50 AM - Q&A
Moderators: Martin B. Leon
8:00 AM - Adjourn

The Future of Coronary Physiology: Volcano and Philips’ Joint Vision
Moscone North, Lower Level, Room 123
Sponsored by Volcano Philips

Chairs
Javier Escaned, MD, PhD
Hospital Clinico San Carlos
Madrid, Spain

Matthias Götberg, MD, PhD
Skane University Hospital
Lund, Sweden

Morton Kern, MD
VA Long Beach Healthcare System
Long Beach, CA

Patrick Serruys, MD, PhD
Imperial College London
Rotterdam, the Netherlands

Faculty
Justin Davies, MBBS, MRCP, PhD
Imperial College London
London, United Kingdom

Allen Jeremias, MD
Stony Brook University
Stony Brook, NY

Bert van Meurs
Philips Healthcare
Best, the Netherlands

Agenda
6:30 AM - Breakfast
Welcome
Javier Escaned, Morton Kern, Patrick Serruys
7:00 AM - Rationale for Using iFR for Hemodynamic Evaluation of Coronary Stenoses
Allen Jeremias
7:15 AM - Using Physiology to Guide Your Treatment: Pullback, Prediction, and Post-PCI Assessment
Justin Davies
7:30 AM - Philips and Volcano: Charting the Future of Image-Guided Therapy
Bert van Meurs
7:45 AM - Question and Answer
Moderators: Morton Kern
Discussants: Javier Escaned, Matthias Götberg, Patrick Serruys
8:00 AM - Adjourn
Breakfast Meetings

WEDNESDAY, OCTOBER 14, 2015

**Management of Complex PCI Patients: Award-Winning Case Presentations**
Moscone North, Lower Level, Room 121
Sponsored by Cardiovascular Research Foundation
Supported through a grant from ABIOMED, Inc.

**Chairs**
Jose P. S. Henriques, MD
Academic Medical Center
Amsterdam, the Netherlands
Theodore L. Schreiber, MD
Cardiovascular Consultants
Warren, MI
George Vetrovec, MD
VCU Medical Center
Richmond, VA

**Faculty**
Etisham Mahmud, MD
UC San Diego School of Medicine
La Jolla, CA
Perwaiz Meraj, MD
Long Island Jewish Medical Center
New Hyde Park, NY
Roberto Nerla, MD
Università Cattolica del Sacro Cuore
Rome, Italy
Dagmar Ouweneel, MD
AMC Amsterdam
Amsterdam, the Netherlands
Jeremy Rier, MD
Medical University of South Carolina
Charleston, SC

**Agenda**
6:30 AM - Breakfast
7:00 AM - How Do I Assess an Intermediate Lesion? Allen Jeremias
7:10 AM - How Do I Predict (and Hopefully Avoid) Distal Embolization When Implanting a Stent? Emmanouil S. Brilakis
7:20 AM - How Do I Optimize Stent Implantation? John McB. Hodgson
7:30 AM - How and When Do I Assess a Jailed Side Branch After Provisional Stenting? Shao-Liang Chen
7:40 AM - How Do I Assess Causes of Stent Thrombosis and In-Stent Restenosis? Gary S. Mintz
7:50 AM - Discussion
8:00 AM - Adjourn

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**Integrating Physiology and Imaging Into the Cath Lab: What Technology Should I Use, and How and When Should I Use It?**
Moscone North, Lower Level, Room 122
Sponsored by Cardiovascular Research Foundation
Supported through educational grants from Boston Scientific Corporation, Infraredx, Inc., Medtronic, Inc., and St. Jude Medical, Inc.

**Chairs**
John McB. Hodgson, MD
Case Western Reserve School of Medicine
Cleveland, OH
Gary S. Mintz, MD
Cardiovascular Research Foundation
New York, NY

**Faculty**
Emmanouil S. Brilakis, MD, PhD
VA North Texas Health Care System and UT Southwestern Medical Center
Dallas, TX
Shao-Liang Chen, MD, PhD
First Affiliated Hospital of Nanjing Medical University
Jiangsu, China
Allen Jeremias, MD, MSc
Stony Brook University Medical Center
Stony Brook, NY

**Agenda**
6:30 AM - Breakfast
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7:50 AM - Discussion
8:00 AM - Adjourn

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**Renal Denervation Therapies: Current Evidence and Controversies**
Moscone North, Lower Level, Room 120
Sponsored by Cardiovascular Research Foundation
Supported through educational grants from Boston Scientific Corporation, Medtronic, Inc., ReCor Medical, and St. Jude Medical, Inc.

**Chairs**
Ajay J. Kirtane, MD, SM
NewYork-Presbyterian Hospital/Columbia University Medical Center
New York, NY
Martin B. Leon, MD
NewYork-Presbyterian Hospital/Columbia University Medical Center
New York, NY

**Faculty**
Juan F. Granada, MD
CRF Skirball Research Center
Orangeburg, NY
David E. Kandzari, MD
Piedmont Heart Institute
Atlanta, GA
Felix Mahfoud
Klinik für Innere Medizin III
Homburg/Saar, Germany
Krishna J. Rocha-Singh, MD
Prairie Heart Institute, St. John’s Hospital
Springfield, IL

**Agenda**
6:30 AM - Breakfast
7:00 AM - Welcome and Introductions
Martin B. Leon
7:02 AM - Rapid Data Download: Current State of the Evidence for RDN in Hypertension
David E. Kandzari
7:12 AM - Audience Q&A
7:15 AM - Preclinical Insights and Advances in the Understanding of Renal Denervation Therapies
Juan F. Granada
7:28 AM - Audience Q&A
Felix Mahfoud
7:32 AM - How I Use (and Study) Renal Denervation in My Center: Everything You Need to Know, With Case Examples
Felix Mahfoud
7:45 AM - Audience Q&A
7:50 AM - Predicting the Path Ahead for Renal Denervation Therapies
Krishna J. Rocha-Singh
8:00 AM - Adjourn

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Contrast-Induced Acute Kidney Injury: Focus on Hydration and Dye Saving
Moscone North, Lower Level, Room 130
Sponsored by Cardiovascular Research Foundation
Supported through educational grants from Osprey Medical, Inc., and RenalGuard Solutions, Inc.

Chair
Roxana Mehran, MD
Mount Sinai Hospital
New York, NY

Faculty
Antonio L. Bartorelli, MD
University of Milan
Milan, Italy

Somjit S. Brar, MD
Kaiser Permanente
Los Angeles, CA

Carlo Briguori, MD, PhD
Clinica Mediterranea
Naples, Italy

Steffen Desch
University of Schleswig-Holstein, Campus Lübeck
Lübeck, Germany

Hitinder Gurm, MD
University of Michigan Medical Center
Ann Arbor, MI

Agenda
6:30 AM - Breakfast
7:00 AM - Welcome and Introductions
Roxana Mehran
7:05 AM - Importance of Hydration: How to Do It Best? RenalGuard Therapy
Carlo Briguori
7:15 AM - Dye Saving Tips: The AVERT System
Steffen Desch
7:25 AM - Case Presentation: A Difficult Patient at High Risk for AKI - How to Choose Optimal Dye Savings and Hydration Methods
Antonio L. Bartorelli
7:50 AM - Discussion: The Future of AKI Regarding Contrast and Hydration Status
Somjit S. Brar, Hitinder Gurm
8:00 AM - Adjourn

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The BioNIR eDES: The Role of Uniformity in Stent Design to Minimize Restenosis
Moscone North, Lower Level, Room 125
Sponsored by Medinol U.S.A., Inc.

Chairs
David E. Kandzari, MD
Piedmont Heart Institute
Atlanta, GA

Yoram Richter, PhD
Medinol LTC
Tel Aviv, Israel

Faculty
Shmuel Banai, MD
The Tel Aviv Sourasky Medical Center
Tel Aviv, Israel

Rajiv Jauhar, MD
North Shore University Medical Center
Manhasset, NY

Peter Smits, MD
Maastricht University Medical Center
Rotterdam, the Netherlands

Jim Zidar, MD
Rex Heart and Vascular
Raleigh, NC

Agenda
6:30 AM - Breakfast
7:00 AM - Welcome and Introductions
Yoram Richter
7:02 AM - Do We Need Bare Metal Stents Anymore?
Jim Zidar
7:10 AM - Unique Handling Characteristics of a Novel Delivery System
Rajiv Jauhar
7:20 AM - BioNIR eDES: A Different Approach to Stent Design and Manufacturing
Yoram Richter
7:32 AM - Changing Clinical Study Methodology: Overview of BIONICS and NIREUS
David E. Kandzari
7:44 AM - Panel Discussion on Deliverability with a New Delivery System
Moderator: David E. Kandzari
7:55 AM - Audience Q&A
Moderator: David E. Kandzari
8:00 AM - Adjourn
**Novel Devices for Transcatheter Valve Implantation: ACURATE neo™ Highlights**

**Moscone North, Lower Level, Room 124**
Sponsored by SYMETIS SA

**Chair**
Alexandre Abizaid, MD, PhD
Instituto Dante Pazzanese de Cardiologia
São Paulo, Brazil

**Faculty**
- Pantelis Diamantouros, MD
  LHSC University Campus
  London Ontario, Canada
- Helge Möllmann, MD
  Kerckhoff-Klinik GmbH Herzzentrum
  Bad Nauheim, Germany
- Ulrich Schäfer, MD
  Universitäres Herzzentrum Hamburg GmbH
  Hamburg, Germany

**Agenda**

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<td>7:00 am</td>
<td>Welcome. Introductions</td>
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<td>7:05 am</td>
<td>ACURATE neo TAVI: Rationale and Supporting Data</td>
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<td>7:15 am</td>
<td>Single Canadian Center Experience Under Special Access</td>
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<td>7:25 am</td>
<td>Case Selection Insights</td>
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<td>7:35 am</td>
<td>Discussion and Summary</td>
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<td>8:00 am</td>
<td>Adjourn</td>
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**THURSDAY, OCTOBER 15, 2015**

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**Guidewire Design and Selection: A User’s Guide**

**Moscone North, Lower Level, Room 132**
Sponsored by Cardiovascular Research Foundation

Supported through educational grants from Abbott, Boston Scientific Corporation, and Medtronic, Inc. This activity has been approved for 1 AMA PRA Category 1 Credit™

**Chairs**
- Dimitri Karmpaliotis, MD
  NewYork-Presbyterian Hospital/Columbia University Medical Center
  New York, NY
- Martin B. Leon, MD
  NewYork-Presbyterian Hospital/Columbia University Medical Center
  New York, NY
- Stéphane Rinfret, MD
  Quebec Heart and Lung Institute
  Quebec City, Canada

**Faculty**
- Ajay J. Kirtane, MD, SM
  NewYork-Presbyterian Hospital/Columbia University Medical Center
  New York, NY

**Agenda**

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<td>7:05 am</td>
<td>Anatomy and Design of Coronary Guidewires 101: Engineering for the Interventionalist Dimitri Karmpaliotis</td>
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<tr>
<td>7:15 am</td>
<td>Applied Use of Coronary Guidewires: Basic Principles for Wire Manipulation in CTO Lesions Stéphane Rinfret</td>
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**Case Presentations**

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<th>Time</th>
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<tr>
<td>7:30 am</td>
<td>CTO Wires: Antegrade and Retrograde Approaches</td>
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<td>7:45 am</td>
<td>Hydrophilic and Support Wires</td>
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<td>7:55 am</td>
<td>Discussion With Audience Q&amp;A</td>
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<td>8:00 am</td>
<td>Adjourn</td>
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INTENDED USE / INDICATIONS:
The GORE® VIABAHN® Endoprosthesis is indicated for improving blood flow in patients with symptomatic peripheral arterial disease in superficial femoral artery de novo and restenotic lesions up to 270 mm in length with reference vessel diameters ranging from 4.0 – 7.5 mm, in superficial femoral artery in-stent restenotic lesions up to 270 mm in length with reference vessel diameters ranging from 4.0 – 6.5 mm, and in iliac artery lesions up to 80 mm in length with reference vessel diameters ranging from 4.0 – 12 mm. The GORE® VIABAHN® Endoprosthesis is also indicated for the treatment of stenosis or thrombotic occlusion at the venous anastomosis of synthetic arteriovenous (AV) access grafts. Refer to Instructions for Use at goremedical.com for a complete description of all contraindications, warnings, precautions and adverse events.

Monday, October 12

Case discussions: techniques to access, cross, and treat complex in-stent restenosis lesions

George Adams, MD • Robert Bersin, MD • John Laird, MD • Peter Soukas, MD
11:30 am – 12:30 pm • Presentation Theater 4 (located in the Exhibit Hall)

For TCT event registration information please visit www.tctconference.com/satelliteprograms

For a complete set of references please visit goremedical.com/indications

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Wednesday, October 14, 2015
Program: 11:30 AM-12:30 PM

The Moscone Center
Moscone North, Lower Level
Presentation Theater 2
San Francisco, CA

WHAT EVERY INTERVENTIONALIST NEEDS TO KNOW ABOUT
ATRIAL FIBRILLATION AND ANTICOAGULATION AND THE ROLE OF ANTIDOTES

AGENDA

11:30 AM  Pharmacology of Novel Anticoagulants and Their Antidotes
           Michael D. Ezekowitz

11:45 AM  Anticoagulation, Atrial Fibrillation, and Antidotes in the Setting of ACS
           C. Michael Gibson

11:55 AM  Anticoagulation and Atrial Fibrillation in the Setting of TAVR
           Roxana Mehran

12:05 PM  Anticoagulation and Atrial Fibrillation in the Setting of LAA Closure
           William A. Gray

12:15 PM  Discussion: Illustrative Cases

12:30 PM  Adjourn

Sponsored by

Supported through educational grants from
Left Atrial Appendage Closure:
Outstanding Data, Outstanding Questions

Monday, October 12, 2015
1:00 PM-2:00 PM
The Moscone Center
Moscone North, Lower Level
Presentation Theater 1
San Francisco, CA

Chair

William A. Gray, MD
NewYork-Presbyterian Hospital/
Columbia University Medical Center
New York, NY

Invited Faculty

Ori Ben-Yehuda, MD
Cardiovascular Research Foundation
New York, NY

Randall J. Lee, MD, PhD
University of California, San Francisco
San Francisco, CA

Brian K. Whisenant, MD
Intermountain Medical Center
Murray, UT

Steven J. Yakubov, MD
Riverside Methodist Hospital
Columbus, OH

Agenda

1:00 PM Welcome and Introductions
William A. Gray

1:05 PM LAA Occlusion in Oral Anticoagulation—Ineligible Patients: Who Should Be Considered, and How Common Are They?
Ori Ben-Yehuda

1:17 PM What Are the Current Alternatives—Investigational and Approved—to the Watchman Approach?
Steven J. Yakubov

1:29 PM After the Watchman Trials: Which Regulatory Pathway Options Are Relevant (and Achievable!)?
Brian K. Whisenant

1:41 PM Ligation Meets Ablation: Early Data on the Synergistic Effects of PV Ablation With LAA Ligation and the AMAZE Trial
Randall J. Lee

1:53 PM Discussion

2:00 PM Adjourn
World-class Research Capabilities
to Advance Patient Care

We are a leading cardiovascular academic research organization (ARO) focused on enhancing cardiovascular outcomes through the design and execution of clinical trials that investigate innovative therapies.

SERVICES AND EXPERTISE

• Trial conception, design, and oversight
• Protocol development
• Site selection and support
• Medical monitoring
• CRFiCOR imaging core labs
• Event adjudication and data safety monitoring boards
• Data coordinating center
• Data management/EDC
• Programming
• Statistics
• Extended database management and analysis (EDMA)

crf.org/clinical-trials-center

TRANSFORMING PCI
WITH THE DESOLVE® NOVOLIMUS ELUTING SCAFFOLD PLATFORMS

Wednesday, October 14, 2015
1:00 – 2:00pm · Presentation Theater 3
Chairpersons: M.B. Leon, A. Abizaid

• INTRODUCTION & OBJECTIVES
  A. Abizaid · 5 Minutes

• DESOLVE SCAFFOLD DIFFERENTIATING CHARACTERISTICS
  J. Ormiston · 10 Minutes

• DESOLVE NX TRIAL 3 YEAR CLINICAL & IMAGING RESULTS
  M.B. Leon · 10 Minutes

• DESOLVE PLATFORM(S) REAL WORLD EXPERIENCE
  H. Nef · 10 Minutes

• DESOLVE FUTURE CLINICAL STUDIES
  I. Meredith · 10 Minutes

• DISCUSSION AND AUDIENCE INTERACTION
  10 Minutes

• TAKE-HOME MESSAGE
  M.B. Leon · 5 Minutes

ELIXIRMEDICAL.COM

*MRVD 3.75 – 4.00 mm

† Not to exceed .5mm beyond scaffold diameter.

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We are a leading cardiovascular academic research organization (ARO) focused on enhancing cardiovascular outcomes through the design and execution of clinical trials that investigate innovative therapies.

**Services and Expertise**

- Trial conception, design, and oversight
  - Protocol development
  - Site selection and support
  - Medical monitoring
  - CRFiCOR imaging core labs
  - Event adjudication and data safety monitoring boards

- Data coordinating center
  - Data management/EDC
  - Programming
  - Statistics
  - Extended database management and analysis (EDMA)
TCTCONFERENCE.COM
Presentation Theater Programs

MONDAY, OCTOBER 12, 2015

11:30 AM-12:30 PM

Durable vs Bioabsorbable Polymers: Addressing the Unmet Clinical Need
Moscone North, Lower Level, Presentation Theater 1
Sponsored by Abbott

Faculty
Sripal Bangalore, MD
NYU Medical Center
New York, NY
James Hermiller, MD
St. Vincent Heart Center
Indianapolis, IN
David Rizik, MD
Scottsdale Healthcare Heart
Scottsdale, AZ
Renu S. Virmani, MD
CVPath Institute, Inc.
Gaithersburg, MD

Agenda

Join us for a case-based debate on different strategies to vessel preparation, image-guided therapy, and how to make complex calcified PCI's more routine.

11:30 AM - Vessel Preparation: Is it Needed in the Modern Era of PCI?
12:30 PM - Adjourn

Case Discussions: Techniques to Access, Cross, and Treat Complex In-Stent Restenosis Lesions
Moscone South, Exhibit Hall, Presentation Theater 4
Sponsored by Gore

Faculty
George Adams, MD
Rex Hospital
Raleigh, NC
Robert Bersin, MD
Swedish Medical Group
Seattle, WA
John Laird, MD
UC Davis
San Diego, CA
Peter A. Soukas, MD
Brown University
Providence, RI

Agenda

11:30 AM - Each member will bring an interesting case to discuss and debate. George Adams, Robert Bersin, John Laird, Peter A. Soukas
Moderator: George Adams
12:30 PM - Adjourn

Strategies to Cross, Prep, and Treat Complex Disease
Moscone South, Exhibit Hall, Presentation Theater 3
Sponsored by Spectranetics

Chair
William L. Lombardi, MD
University of Washington
Medical Center
Seattle, WA

Faculty
Takashi Ashikaga , MD
Tokyo Medical and Dental University
Tokyo, Japan
Azeem Latib, MB, BCh
EMO-GVM Centro Cuore Columbus
Milan, Italy
Hoang M. Thai, MD
University of Arizona
Tucson, AZ
R. Michael Wyman, MD
Torrance Memorial Medical Center
Torrance, CA

Agenda

11:30 AM - Welcome
William Lombardi
11:35 AM - Crossing CTO’s with Advanced Techniques and Technology
R. Michael Wyman
11:45 AM - Preparing the Coronary Lesion for BVS Implantation
Azeem Latib
11:55 AM - Complex Coronary ISR with OCT Follow Up
Takashi Ashikaga
12:05 PM - Case Experience with ELCA and AngioSculpt Followed by OCT
Hoang Thai
12:15 PM - Question and Answer
12:30 PM - Adjourn

1:00 PM-2:00 PM

You Can Get There From Here: How to Succeed at CTO PCI
Moscone South, Exhibit Hall, Presentation Theater 3
Sponsored by Abbott

Faculty
J. Aaron Grantham, MD
St. Luke's Cardiovascular
Kansas City, MO
William Lombardi, MD
University of WA
Seattle, WA
William Nicholson, MD
WellSpan Gettysburg Hospital
York, PA
James Spratt, MD
Spire Edinburgh Hospitals
Edinburgh, Scotland

Agenda
Moderator: William Lombardi
1:00 PM - Evolution of a CTO Operator
J. Aaron Grantham
1:20 PM - Evolution of a CTO Program
William Nicholson

1:40 PM - Evolution in Training: Retrograde CTO-PCI iBook
James Spratt

2:00 PM - Adjourn

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WATCHMAN Patient Selection Panel Discussion
Moscone South, Exhibit Hall, Presentation Theater 4
Sponsored by Boston Scientific Corporation
Chair
Mathew J. Price, MD
Scripps Green Hospital
La Jolla, CA

Agenda
2:00 PM - Adjourn

----------
Left Atrial Appendage Closure: Outstanding Data, Outstanding Questions
Moscone North, Lower Level, Presentation Theater 1
Sponsored by Cardiovascular Research Foundation
Supported through an educational grant from SentreHEART, Inc.
This activity has been approved for 1 AMA PRA Category 1 Credit™
Chair
William A. Gray, MD
NewYork-Presbyterian Hospital/ Columbia University Medical Center
New York, NY

Faculty
Ori Ben-Yehuda, MD
Cardiovascular Research Foundation
New York, NY

Randall J. Lee, MD, PhD
University of California, San Francisco
San Francisco, CA

Brian K. Whisenant, MD
Intermountain Medical Center
Murray, UT

Steven J. Yakubov, MD
Riverside Methodist Hospital
Columbus, OH

Agenda
1:00 PM - Welcome and Introductions
William A. Gray

1:05 PM - LAA Occlusion in Oral Anticoagulation-ineligible Patients: Who Should Be Considered, and How Common Are They?
Ori Ben-Yehuda

1:17 PM - What Are the Current Alternatives—Investigational and Approved—To the Watchman Approach?
Steven J. Yakubov

1:29 PM - After the Watchman Trials: What Regulatory Pathway Options Are Relevant (and Achievable)!
Brian K. Whisenant

1:41 PM - Ligation Meets Ablation: Early Data on the Synergistic Effects of PV Ablation With LAA Ligation and the AMAZE Trial
Randall J. Lee

1:53 PM - Discussion
2:00 PM - Adjourn

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Direct Flow Medical: From an Innovative TAVR System to a Structural Heart Platform
Moscone North, Lower Level, Presentation Theater 2
Sponsored by Direct Flow Medical
Chair
Jeffrey J. Popma, MD
Beth Israel Deaconess Medical Center
Newton, MA

Faculty
Federico De Marco, MD
Niguarda
Milan, Italy

Azem Latib, MD
San Raffaele Hospital
Milan, Italy

Bill O’Neill, MD
Henry Ford Hospital
Detroit, MI

Agenda
1:00 PM - Introduction
1:05 PM - Current Evidence and Clinical Program Update
Bill O’Neill

1:15 PM - Live in a Box With Advanced Techniques
Federico De Marco

1:30 PM - Technology Outlook and Future Perspectives
Azem Latib

1:40 PM - Discussion and Audience Interaction

1:55 PM - Key Learnings and Closing Remarks
Jeffrey J. Popma

2:00 PM - Adjourn

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TUESDAY, OCTOBER 13, 2015

11:30 AM-12:30 PM
Absorb: Pivotal Data for a New Therapy
Moscone North, Lower Level, Presentation Theater 1
Sponsored by Abbott
Faculty
Ashok Seth, MD
Fortis Escorts Heart Institute
New Delhi, India

Gregg W. Stone, MD
NewYork-Presbyterian Hospital/ Columbia University
New York, NY

Corrado Tamburino, MD
Ferrarotto Hospital-University of Catania
Catania, Italy

Agenda
11:30 AM - ABSORB Clinical Trial Data
Gregg W. Stone

11:45 AM - Investigator Sponsored Studies and International Registry Data
Corrado Tamburino

12:00 PM - Real-World Clinical Outcomes
Ashok Seth

12:15 PM - Roundtable Discussion With Audience Q&A

12:30 PM - Adjourn
Presentation Theater Programs

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**Challenging Lesions in a Real-World Patient Population**
Moscone South, Exhibit Hall, Presentation Theater 3
Sponsored by Medtronic Cardiac

**Chair**
Roxana Mehran, MD
Mount Sinai Hospital
New York, NY

**Faculty**
Lianglong Chen, MD
Union Hospital, Fujian Medical University
Fuzhou City, China

Stefan James, MD
Uppsala University Hospital
Uppsala, Sweden

Chaim Lotan, MD
Hadassah Medical Center
Jerusalem, Israel

Kinzo Ueda, MD
Rakuwakai Marutamachi Hospital
Kyoto, Japan

**Agenda**
11:30 AM - Welcome and Session Objectives
Roxana Mehran

11:35 AM - Case #1: Perspective from China - Large Proximal Lesion in Younger Patient with Diabetes
Lianglong Chen

11:43 AM - Case #2: Perspective from Japan – Elderly Patient with Heavily Calcified Lesions
Kinzo Ueda

11:51 AM - Discussion Panel

12:01 PM - Case #3: Perspective from Sweden – Longer Term DAPT in PCI
Stefan James

12:09 PM - Case #4: Perspective from Israel – Elderly Patient with Aortic Stenosis
Chaim Lotan

12:17 PM - Discussion and Closing Comments Panel

12:30 PM - Adjourn

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**Tryton Pivotal: Randomized Trial and Confirmatory Study – Implications for Everyday Practice**
Moscone South, Exhibit Hall, Presentation Theater 4
Sponsored by Tryton Medical, Inc.

**Chairs**
Dean J. Kereiakes, MD
The Christ Hospital Heart and Vascular Center/The Lindner Research Center
Cincinnati, OH

Martin B. Leon, MD
NewYork-Presbyterian Hospital/Columbia University Medical Center
New York, NY

**Faculty**
Antonio L. Bartorelli, MD
University of Milan
Milan, Italy

Philippe Généreux, MD
Columbia University Medical Center/Hôpital du Sacré-Coeur de Montréal
New York, NY

James B. Hermiller, MD
St. Vincent Hospital/The Heart Center of Indiana
Indianapolis, IN

Jens Flens Lassen, MD, PhD
Rigshospitalet, University of Copenhagen
København Ø, Denmark

Maciej Lesiak, MD, PhD
University Hospital Poznan, Poland

**Agenda**
11:30 AM - Introduction and Objectives
Dean J. Kereiakes

11:35 AM - Lesion Coverage: Insights From the Bench Top
Maciej Lesiak

11:44 AM - Lesion Coverage: Insights From Intravascular Imaging
Antonio L. Bartorelli

11:53 AM - Lesion Treatment: Insights From Clinical Literature
James B. Hermiller

12:02 PM - Late Breaking Tryton Confirmatory Study Results
Philippe Généreux

12:11 PM - Implications for Everyday Practice Treating Bifurcations – Integrating Dedicated Technology
Jens Flens Lassen

12:20 PM - Discussion and Key Messages
Martin B. Leon

12:30 PM - Adjourn

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**Transcatheter Mitral Valve Technologies: Preparing for the Future**
Moscone North, Lower Level, Presentation Theater 1
Sponsored by Abbott

**Faculty**
Scott Lim, MD
Advanced Cardiac Valve Center, University of Virginia
Charlottesville, VA

Paul Sorajja, MD
Center for Valve and Structural Heart Disease, Minneapolis Heart Institute at Abbott Northwestern Hospital
Minneapolis, MN

**Agenda**
1:00 PM - A Landscape Overview of Future Transcatheter Mitral Valve Technologies
Scott Lim

1:15 PM - What We Know Today: Current Experience With MitraClip
Paul Sorajja

1:25 PM - Establishing a Mitral Valve Center for the Future
Paul Sorajja

1:40 PM - Panel Discussion/Q&A

2:00 PM - Adjourn

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**Taking Control of Platelet Inhibition in PCI**
Moscone North, Lower Level, Presentation Theater 2
Sponsored by The Medicines Company

**Chair**
C. Michael Gibson, MD, MS
Harvard Medical School
Boston, MA

**Faculty**
Ehtisham Mahmud, MD
UC San Diego Health
San Diego, CA

Duane Pinto, MD, MPH
Harvard Medical School
Boston, MA

**Agenda**
11:30 AM - Understanding Platelet and Thrombin Inhibition in the Acute Care Setting
Ehtisham Mahmud

11:45 AM - Resolving the Complexity in Clinical Practice
Duane Pinto

12:00 PM - Improving the CV Pathways of Care
Ehtisham Mahmud

12:15 PM - Interactive Discussion and Debate
Moderator: C. Michael Gibson
Discussants: Ehtisham Mahmud, Duane Pinto

12:30 PM - Adjourn

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**Transcatheter Mitral Valve Technologies: Preparing for the Future**
Moscone North, Lower Level, Presentation Theater 1
Sponsored by Abbott

**Faculty**
Scott Lim, MD
Advanced Cardiac Valve Center, University of Virginia
Charlottesville, VA

Paul Sorajja, MD
Center for Valve and Structural Heart Disease, Minneapolis Heart Institute at Abbott Northwestern Hospital
Minneapolis, MN

**Agenda**
1:00 PM - A Landscape Overview of Future Transcatheter Mitral Valve Technologies
Scott Lim

1:15 PM - What We Know Today: Current Experience With MitraClip
Paul Sorajja

1:25 PM - Establishing a Mitral Valve Center for the Future
Paul Sorajja

1:40 PM - Panel Discussion/Q&A

2:00 PM - Adjourn
**Evolut R Recapturability: The New Standard in TAVR**
Moscone South, Exhibit Hall, Presentation Theater 4
Sponsored by Medtronic, Inc.

**Chairs**
- Ian Meredith, MBBS, BSc, PhD
  Monash Health
  Melbourne, Australia
- Mathew Williams, MD
  NYU Langone Medical Center
  New York, NY

**Faculty**
- Eberhard Grube, MD, FACC, FSCAI
  University Hospital Bonn
  Bonn, Germany
- James B. Hermiller Jr, MD
  St. Vincent’s Hospital/
The Heart Center of Indiana
  Indianapolis, IN
- Jeffrey Popma, MD
  Beth Israel Deaconess
  Boston, MA
- Wilson Szeto, MD
  University of Pennsylvania
  Philadelphia, PA

**Agenda**
1:00 pm - Welcome and Objectives
1:05 pm - Challenging Vascular Access
1:20 pm - Recapturability and Repositioning
1:35 pm - Wrap-up and Discussion
1:45 pm - Evolut R in a Failed Surgical Bioprosthetic Valve
2:00 pm - Adjourn

**Clinical Kaleidoscope of Novel Interventional Technologies**
Moscone North, Lower Level, Presentation Theater 2
Sponsored by Meril Life Sciences

**Faculty**
- Alexandre Abizaid, MD, PhD
  Instituto Dante Pazzanese de Cardiologia
  São Paulo, Brazil
- Richard Biancco
  University of Minnesota
  Minneapolis, MN
- Deepak Davidson, MD
  Caritas Heart Institute
  Kottayam, India
- Ashok Seth, MBBS, MD, DSc
  Fortis Escorts Heart Institute
  New Delhi, India

**Agenda**
1:00 pm - Biomimicry in DES Design: The Science Behind BioMime and meriT Clinical Update
Alexandre Abizaid
1:12 pm - Most Complex Cases During My Practice
Deepak Davidson
1:24 pm - Journey From Substance to Sublime: MeRes100 Science and Clinical Update
Ashok Seth
1:36 pm - MyVal Science and Preclinical Update
Richard Biancco
1:48 pm - Panel Discussion
2:00 pm - Adjourn

**A Frontline Platform for Transcatheter Mitral and Tricuspid Repair**
Moscone South, Exhibit Hall, Presentation Theater 3
Sponsored by Mitralign

**Faculty**
- Rebecca Hahn, MD
  NewYork-Presbyterian Hospital/
  Columbia University Medical Center
  New York, NY
- Azeeem Latib, MD
  St. Raffaele Hospital
  Milan, Italy
- Scott Lim, MD
  University of Virginia
  Charlottesville, VA
- Neil Moat, MD
  Royal Brompton Hospital
  London, UK
- Joachim Schofer, MD
  Mathey Schofer Clinic
  Hamburg, Germany

**Agenda**
1:00 pm - Introduction: Transcatheter Mitral and Tricuspid Repair: A Surgeon’s Perspective
Neil Moat
Moderator: Scott Lim
1:05 pm - Mitralign Mitral Repair: Device and Clinical Data Updates
Azeeem Latib
Moderator: Scott Lim
Discussant: Rebecca Hahn
1:20 pm - Mitralign Tricuspid Repair With a Novel Transcatheter Annuloplasty Device
Joachim Schofer
Moderator: Neil Moat
Discussant: Rebecca Hahn

**Complex PCI Case-Based Review: SCAI Women in Innovations (WIN)**
Moscone North, Lower Level, Presentation Theater 1
Sponsored by Abbott & ABIOMED, Inc.

**Faculty**
- Anu Abraham, MD
  University of Utah Healthcare,
  University Hospital Division of Cardiovascular Medicine
  Salt Lake City, UT
- Jaya Chandrasekhar, MD
  Mount Sinai Hospital
  New York, NY
- Cindy Grines, MD
  Detroit Medical Center
  Detroit, MI
- Wah Wah Htun, MD
  Detroit Medical Center
  Detroit, MI
- Roxana Mehran, MD
  Mount Sinai Hospital
  New York, NY
- Ruby Satpathy, MD
  CHI Health
  Omaha, NE
- Kim Skelding, MD
  Geisinger Medical Center
  Danville, PA
- Paul Teirstein, MD
  Scripps Clinic
  La Jolla, CA
Agenda
11:30 AM - Case Review #1 – Complex PCI
Anu Abraham
Moderator: Cindy Grines
Discussants: Amir Kaki, Roxana Mehran, Ruby Satpathy, Kim Skelding, Paul Teirstein
11:50 AM - Case Review #2 – Complex PCI (Impella)
Wah Wah Htun
Moderator: Cindy Grines
Discussants: Amir Kaki, Roxana Mehran, Ruby Satpathy, Kim Skelding, Paul Teirstein
12:10 PM - Case Review #3 – Complex PCI
Jaya Chandrasekhar
Moderator: Cindy Grines
Discussants: Amir Kaki, Roxana Mehran, Ruby Satpathy, Kim Skelding, Paul Teirstein
12:30 PM - Adjourn

What Every Interventionalist Needs to Know About Atrial Fibrillation and Anticoagulation and the Role of Antidotes
Moscone North, Lower Level, Presentation Theater 2
Sponsored by Cardiovascular Research Foundation
Supported through educational grants from Boehringer Ingelheim Pharmaceuticals, Inc., Boston Scientific Corporation, Bristol-Myers Squibb and Pfizer, Inc., Daiichi Sankyo, Inc., and Janssen Pharmaceuticals, Inc.
This activity has been approved for 1 AMA PRA Category 1 Credit™

Chair
Michael D. Ezekowitz, MD, PhD
Sidney Kimmel Medical College at Jefferson University
Philadelphia, PA

Faculty
C. Michael Gibson, MD, MS
Beth Israel Deaconess Medical Center
Boston, MA
William A. Gray, MD
NewYork-Presbyterian Hospital/ Columbia University Medical Center
New York, NY
Roxana Mehran, MD
Mount Sinai Hospital
New York, NY

Agenda
11:30 AM - Introduction to Noninvasive FFRct
Bernard De Bruyne
11:35 AM - Physiological Lesion Assessment: FFRct What Is It, and Why Is It Important?
Morton J. Kern
11:50 AM - FFRct: Clinical Trial Update
Pamela S. Douglas
12:05 PM - Case Review: Incorporating FFRct Into Clinical Practice
Daniel I. Simon
12:20 PM - Discussion and Summary
12:30 PM - Adjourn

Noninvasive FFRct: Optimizing Outcomes With Physiology-Guided Coronary Revascularization
Moscone South, Exhibit Hall, Presentation Theater 4
Sponsored by HeartFlow

Chair
Bernard De Bruyne, MD, PhD
Cardiovascular Center Aalst
Aalst, Belgium

Faculty
Pamela S. Douglas, MD
Duke University Clinical Research Institute
Durham, NC
Morton J. Kern, MD
University of California Irvine
Irvine, CA
Daniel I. Simon, MD
University Hospitals Case Medical Center
Cleveland, OH

Agenda
11:30 AM - Session Objectives, Lotus™ System Overview, and Clinical Program Overview
Ted E. Feldman
11:35 AM - My Real World Experience With the Lotus™ Valve
Matthias Götberg
11:45 AM - How a Second-Generation Valve Improves Clinical Outcomes: The Berlin Experience
Giuseppe D’Ancona
11:55 AM - Discussion
Moderators: Ted E. Feldman, Ian T. Meredith
12:00 PM - The Lotus™ Valve: A Cardiac Surgeon’s Perspective
Vinayak Bapat
12:10 PM - Discussion
Ted E. Feldman, Ian T. Meredith
12:20 PM - NG Lotus Edge: Early Clinical Experience and Pipeline
Ian T. Meredith
12:30 PM - Adjourn

Real-World Experience From Complex Cases With the Lotus™ Valve
Moscone South, Exhibit Hall, Presentation Theater 3
Sponsored by Boston Scientific Corporation

Chairs
Ted E. Feldman, MD
Evanston Hospital
Evanston, IL
Ian T. Meredith, MBBS, BSc, PhD
Monash Heart
Victoria, Australia

Faculty
Vinayak Bapat, CTh
Guy’s and St. Thomas’ London, United Kingdom
Giuseppe D’Ancona, MD
Vivantes Klinikum im Friedrichshain
Berlin, Germany
Matthias Götberg, MD
Skane University Hospital
Lund, Sweden

Agenda
11:30 AM - Session Objectives, Lotus™ System Overview, and Clinical Program Overview
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Vinayak Bapat
12:10 PM - Discussion
Ted E. Feldman, Ian T. Meredith
12:20 PM - NG Lotus Edge: Early Clinical Experience and Pipeline
Ian T. Meredith
12:30 PM - Adjourn

Noninvasive FFRct: Optimizing Outcomes With Physiology-Guided Coronary Revascularization
Moscone South, Exhibit Hall, Presentation Theater 4
Sponsored by HeartFlow

Chair
Bernard De Bruyne, MD, PhD
Cardiovascular Center Aalst
Aalst, Belgium

Faculty
Pamela S. Douglas, MD
Duke University Clinical Research Institute
Durham, NC
Morton J. Kern, MD
University of California Irvine
Irvine, CA
Daniel I. Simon, MD
University Hospitals Case Medical Center
Cleveland, OH

Agenda
11:30 AM - Introduction to Noninvasive FFRct
Bernard De Bruyne
11:35 AM - Physiological Lesion Assessment: FFRct What Is It, and Why Is It Important?
Morton J. Kern
11:50 AM - FFRct: Clinical Trial Update
Pamela S. Douglas
12:05 PM - Case Review: Incorporating FFRct Into Clinical Practice
Daniel I. Simon
12:20 PM - Discussion and Summary
12:30 PM - Adjourn

Noninvasive FFRct: Optimizing Outcomes With Physiology-Guided Coronary Revascularization
Moscone South, Exhibit Hall, Presentation Theater 4
Sponsored by HeartFlow

Chair
Bernard De Bruyne, MD, PhD
Cardiovascular Center Aalst
Aalst, Belgium

Faculty
Pamela S. Douglas, MD
Duke University Clinical Research Institute
Durham, NC
Morton J. Kern, MD
University of California Irvine
Irvine, CA
Daniel I. Simon, MD
University Hospitals Case Medical Center
Cleveland, OH

Agenda
11:30 AM - Session Objectives, Lotus™ System Overview, and Clinical Program Overview
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Moderators: Ted E. Feldman, Ian T. Meredith
12:00 PM - The Lotus™ Valve: A Cardiac Surgeon’s Perspective
Vinayak Bapat
12:10 PM - Discussion
Ted E. Feldman, Ian T. Meredith
12:20 PM - NG Lotus Edge: Early Clinical Experience and Pipeline
Ian T. Meredith
12:30 PM - Adjourn
1:00 PM - 2:00 PM

Metallic and Bioresorbable: Examining the Potential of 2 PCI Therapies
Moscone North, Lower Level, Presentation Theater 1
Sponsored by Abbott

Faculty
James B. Hermiller Jr, MD
St. Vincent Hospital/
The Heart Center of Indiana
Indianapolis, IN
Ron Waksman, MD
Medstar Heart Institute
Washington, DC
Nick West, MD
Papworth Hospital
Cambridge, United Kingdom

Agenda
1:00 pm - Introduction
Ron Waksman
1:05 pm - Exploring Metallic Stent Options and Benefits
James B. Hermiller
1:25 pm - Exploring the Benefits of Bioresorbable Vascular Scaffolds
Nick West
1:45 pm - Roundtable Discussion With Audience Q&A
Moderator: Ron Waksman
2:00 pm - Adjourn

Bleeding Risk and 1-Month DAPT: Can LEADERS FREE Shift the Paradigm?
Moscone South, Exhibit Hall, Presentation Theater 4
Sponsored by Biosensors International Group Ltd.

Chairs
Marie-Claude Morice, MD
Hôpital Privé Jacques Cartier
Massy, France
Robaayah Zambahari
National Heart Institute
Kuala Lumpur, Malaysia

Faculty
Alexandre A. Abizaid, MD, PhD
Institute Dante Pazzanese de Cardiologia
São Paulo, Brazil
Martin B. Leon, MD
Columbia University Medical Center
New York, NY

Agenda
1:00 pm - Introduction and Objectives
Alexandre A. Abizaid
1:05 pm - DESolve Scaffold Differentiating Characteristics
John Ormiston
1:15 pm - DESolve NX Trial 3-Year Clinical and Imaging Results
Martin B. Leon
1:25 pm - DESolve Platform(s) Real-World Experience
Hoger Nef
1:35 pm - DESolve Future Clinical Studies
Ian T. Meredith

1:45 pm - Discussion and Audience Interaction
1:55 pm - Take-home Message
Martin B. Leon
2:00 pm - Adjourn

IN.PACT SFA Trial 2-Year Outcomes: Will this Evidence Shift the PAD Treatment Paradigm?
Moscone North, Lower Level, Presentation Theater 2
Sponsored by Medtronic PLC

Chair
Peter Schneider, MD
Kaiser Permanente
Honolulu, HI

Faculty
John Laird, MD
UC Davis
Sacramento, CA
Gunnar Tepe, MD
RoMed Klinikum
Rosenheim, Germany
Renu Virmani, MD
CVPath Institute
Gaithersburg, MD

Agenda
1:00 pm - Deep Dive: IN.PACT SFA 2-Year Outcomes
John Laird
1:15 pm - Understanding the Science Behind the Latest Evidence
Renu Virmani
1:30 pm - Is this Evidence Practice Changing?
Gunnar Tepe
1:45 pm - Discussion
2:00 pm - Adjourn
**DAPT AND BEYOND**

**CHAIRS**

Roxana Mehran, MD  
Mount Sinai Medical Center  
New York, NY

Ajay J. Kirtane, MD, SM  
NewYork-Presbyterian Hospital/  
Columbia University Medical Center  
New York, NY

**INVITED FACULTY**

Eric R. Bates, MD  
University of Michigan Medical Center  
Ann Arbor, MI

John A. Bittl, MD  
Monroe Regional Medical Center  
Ocala, FL

George D. Dangas, MD, PhD  
Mount Sinai Medical Center  
New York, NY

James B. Hermiller Jr, MD  
St. Vincent Heart Center of Indiana  
Indianapolis, IN

Philippe Gabriel Steg, MD  
Hôpital Bichat-Claude Bernard  
Paris, France

**AGENDA**

6:30 PM  Welcome, Introductions, and Session Goals  
Roxana Mehran

**DEBATE: DURATION OF DAPT**

6:35 PM  Shorter Is Better  
Ajay J. Kirtane

6:40 PM  Longer Is Safer  
Eric R. Bates

6:45 PM  Commentary: How Do You Balance Bleeding Risk and Ischemic Benefit?  
John A. Bittl

6:50 PM  Roundtable Discussion

**REAL-WORLD CASES**

Moderators: Roxana Mehran and Ajay J. Kirtane  

7:00 PM  Case 1: A Complex Bifurcation PCI in an Elderly Woman  
James B. Hermiller Jr

7:05 PM  Panel and Synthesis

7:15 PM  Case 2: An Elderly Patient Who Requires Urgent Major Hip Surgery After PCI  
Ajay J. Kirtane

7:20 PM  Panel and Synthesis

7:30 PM  Case 3: A Patient Who Develops A-fib After TAVR  
George D. Dangas

7:35 PM  Panel and Synthesis

7:45 PM  Case 4: Patient With High Ischemic and Bleeding Risk  
Philippe Gabriel Steg

7:50 PM  Panel and Synthesis

8:00 PM  Adjourn

**Sponsored by**  
Supported through educational grants from  
Abbott, AstraZeneca, Boston Scientific Corporation, and Medtronic, Inc.
Knights of the Roundtable 2015:
Stop the Madness!

Monday, October 12, 2015
Reception: 6:00 PM
Program: 6:30 PM-8:00 PM
Hilton San Francisco Union Square
Room: Continental Ballroom 1-4, Ballroom Level
333 O’Farrell Street, San Francisco, CA 94102

AGENDA

Moderators: Cindy L. Grines, Philippe Gabriel Steg, and Gregg W. Stone
Discussants: David A. Cox, Duane S. Pinto, Barry D. Rutherford, Holger Thiele, and Uwe Zeymer

Section I. Routine Thrombus Aspiration: Dead or Alive?
6:30 PM The Data Are In: No Benefit, Possible Harm (and Expense)!
Sanjit S. Jolly
6:37 PM Not So Fast: New Insights From SCAAR!
Elmir Omerovic
6:44 PM Case Presentation: STEMI With Thrombus – To Aspirate or Not to Aspirate?
Thomas D. Stuckey
6:50 PM Roundtable Discussion With Audience Q&A

Section II. Immediate, Early, or Deferred Revascularization of Non-Culprit Lesions
7:00 PM The Horse Is Out of the Barn: Time for Rapid Early Revascularization!
Jose P.S. Henriques
7:08 PM Routine Early Revascularization May Be the Next COURAGE: Wait for the COMPLETE Answer!
David A. Wood
7:16 PM Roundtable Discussion With Audience Q&A

Section III. Bivalirudin, Cangrelor, and Ticagrelor in STEMI: The Perfect Marriage?
7:26 PM The Data Are In: Reduce Bleeding, Prevent Stent Thrombosis, Save Lives!
Gregg W. Stone
7:34 PM There Are Better Antithrombotic/Antiplatelet Combinations Than This!
Daniel I. Simon
7:42 PM Roundtable Discussion With Audience Q&A

Section IV. Open Microphone Q&A Session From the Audience: What’s on Your Mind?
7:52 PM Roundtable Discussion With Audience Q&A
8:00 PM Adjourn
Monday, October 12, 2015
Reception: 6:00 PM
Program: 6:30 PM–8:00 PM

Hilton San Francisco Union Square
Room: Imperial Ballroom, Ballroom Level
333 O’Farrell Street
San Francisco, CA 94102

Agenda

6:30 PM  The Transformative Landscape of Bioresorbable Vascular Scaffolds
          Ron Waksman

6:40 PM  ABSORB III Pivotal Study Results: Beyond the Late-Breaking Clinical Trial
          Stephen G. Ellis

6:55 PM  ABSORB Meta-analysis: Outcomes in >3500 Randomized Patients
          Gregg W. Stone

7:10 PM  Insights From Long-term Follow-up: Two-Year Results From ABSORB II
          Bernard R. Chevalier

7:20 PM  Why BRS Treatment Today Should Improve Long-term Outcomes: Final 5-Year Cohort Imaging Results
          Patrick W. Serruys

7:30 PM  Procedural Pearls to Optimize BRS Outcomes: A Case-Based Review
          Corrado Tamburino

7:45 PM  Roundtable Discussion With Audience Q&A

8:00 PM  Adjourn

Invited Faculty

Bernard R. Chevalier, MD
Institut Cardiovasculaire Paris Sud
Massy, France

Stephen G. Ellis, MD
Cleveland Clinic Foundation
Cleveland, OH

Dean J. Kereiakes, MD
The Christ Hospital
Cincinnati, OH

Corrado Tamburino, MD, PhD
Ferrarotto Hospital
Catania, Italy

Patrick W. Serruys, MD, PhD
Imperial College
London, England
Thoraxcenter of Erasmus
University Medical Center
Rotterdam, the Netherlands

Ron Waksman, MD
MedStar Heart Institute
Washington, DC

Chairs

Gregg W. Stone, MD
NewYork-Presbyterian Hospital/Columbia University Medical Center
New York, NY

Invited Faculty

Sponsored by

Supported through an educational grant from

Abbott
The Interventional Toolbox for Complex Higher-Risk (and Indicated) Patients (CHIP)

TUESDAY, OCTOBER 13, 2015
Hilton San Francisco Union Square
Room: Grand Ballroom A, Grand Ballroom Level
333 O’Farrell Street, San Francisco, CA 94102

AGENDA

PART I. HIGH-RISK PCI
Moderator: Ajay J. Kirtane
6:30 PM  PCI of High-Risk Patients Under Hemodynamic Support: For Whom and With What?
Jeffrey W. Moses
High-Risk PCI Case Review
Case Presenter: Ajay J. Kirtane
6:41 PM  Clinical Presentation/Angiogram
6:44 PM  Discussion of Strategies
6:49 PM  Discussion of What Was Done
6:54 PM  Summary

PART II. CTO PCI
Moderator: Jeffrey W. Moses
7:02 PM  The Hybrid Approach to CTO PCI: What It Is, and How It Has Changed CTO PCI
J. Aaron Grantham
Hybrid CTO Case Review
Case Presenter: Emmanouil S. Brilakis
7:13 PM  Clinical Presentation/Angiogram
7:16 PM  Discussion of Strategies
7:21 PM  Discussion of What Was Done
7:26 PM  Summary

PART III. ATERECTOMY AND CALCIUM
Moderator: Gregg W. Stone
7:34 PM  The Importance of Coronary Calcification in Complex PCI: Data and Devices
Philippe Généreux
Calcified Anatomy Case Review
Case Presenter: Manish A. Parikh
7:40 PM  Clinical Presentation/Angiogram
7:43 PM  Discussion of Strategies
7:48 PM  Discussion of What Was Done
7:53 PM  Summary
8:00 PM  Adjourn

Sponsored by
Supported through educational grants from
Below-the-Knee Intervention: Evolutionary Concepts and Emerging Technological Opportunities in the Drug-Delivery Era

TUESDAY, OCTOBER 13, 2015
Reception: 6:00 PM
Program: 6:30 PM-8:00 PM

HILTON SAN FRANCISCO UNION SQUARE
Room: Imperial Ballroom, Ballroom Level
333 O’Farrell Street
San Francisco, CA 94102

CHAIRS
Juan F. Granada, MD
CRF Skirball Center for Innovation
Orangeburg, NY

William A. Gray, MD
New York-Presbyterian Hospital/
Columbia University Medical Center
New York, NY

AGENDA
6:30 PM Anatomical and Clinical Challenges in BTK Intervention Today (Case-Based Presentation)
Andrey Schmidt

6:40 PM Technical Challenges and Therapeutic Options in Real-World BTK Interventions (Case-Based Presentation)
Jihad A. Mustapha

6:50 PM Moderated Discussion

7:05 PM A Critical Review of the Clinical Data in BTK Intervention
Thomas Zeller

7:15 PM Emerging Drug-Delivery Technologies for BTK Intervention
Juan F. Granada

7:25 PM Moderated Discussion

7:35 PM Challenges in Designing and Conducting a Successful BTK Trial
William A. Gray

7:45 PM Moderated Discussion

8:00 PM Adjourn

INVITED FACULTY
Jihad A. Mustapha, MD
Metro Heart & Vascular Institute
Wyoming, MI

Andrey Schmidt, MD
University of Leipzig
Leipzig, Germany

Thomas Zeller, MD
Universitäts-Herzzentrum
Freiburg - Bad Krozingen
Bad Krozingen, Germany

Supported through educational grants from
Abbott, Boston Scientific Corporation,
Cook Medical, and Medtronic, Inc.
The “Evolving Era” of Transcatheter Valve Therapies: New Frontiers in the Treatment of Aortic, Mitral, and Tricuspid Valve Disease

Tuesday, October 13, 2015
Reception: 6:00 PM
Program: 6:30 PM-8:00 PM
Hilton San Francisco Union Square
Room: Continental Ballroom 5-6, Ballroom Level
333 O’Farrell Street, San Francisco, CA 94102

AGENDA

I. NEW MILESTONES IN THE SAFETY AND EFFICACY OF TAVR
   Moderator: Martin B. Leon
   6:30 PM Landscape and Controversies
   6:35 PM Roundtable Discussion:
      Changing Clinical Standards and Indications, the Minimalist Strategy, Enhanced Technologies, Durability Considerations, and the “New” Heart Team

II. ASSESSMENT OF NEW MITRAL VALVE THERAPIES
   Expert Panel: Anson Cheung, James B. Hermiller Jr, and Lars Sondergaard
   Moderator: Michael J. Mack
   7:10 PM Landscape and Controversies
   7:15 PM Roundtable Discussion:
      Novel Surgical Options, Functional MR Controversies, New Transcatheter Mitral Technologies, and Clinical Trial Strategies

III. THE “BRAVE NEW WORLD” OF TRICUSPID VALVE DISEASE
   Expert Panel: Rebecca T. Hahn, Azeem Latib, Jason H. Rogers, and Joachim Schofer
   Moderator: Rebecca T. Hahn
   7:40 PM Landscape and Controversies
   7:45 PM Roundtable Discussion:
      Clinical Indications, Patient Selection and Goals of Therapy, Novel Transcatheter Devices, and Imaging Considerations

8:00 PM Adjourn

Sponsored by
Edwards Lifesciences

An Evening Program at tct2015
ANTIPLATELET AGENT DILEMMAS: Tough Cases, New Options

CHAIRS
Robert A. Harrington, MD
Stanford University Medical Center
Stanford, CA
E. Magnus Ohman, MD
Duke University Medical Center
Durham, NC
Gregg W. Stone, MD
NewYork-Presbyterian Hospital/Columbia University Medical Center
New York, NY

INVITED FACULTY
Dominick J. Angiolillo, MD, PhD
University of Florida Health Shands Hospital
Jacksonville, FL
Deepak L. Bhatt, MD, MPH
Brigham and Women's Hospital
Boston, MA
Cornelius (Mac) Dyke, MD
Sanford Health
Houston, TX
Stefan K. James, MD
Uppsala Clinical Research Center
Uppsala, Sweden
Morton J. Kern, MD
University of California, Irvine
Long Beach, CA
Ajay J. Kirtane, MD, SM
NewYork-Presbyterian Hospital/Columbia University Medical Center
New York, NY
Roxana Mehran, MD
Mount Sinai School of Medicine
New York, NY
Tullio Palmerini, MD
Polclinico S. Orsola-Malpighi
Bologna, Italy
Matthew J. Price, MD
Scripps Clinic
La Jolla, CA
Freek W.A. Verheugt, MD
Onze Lieve Vrouwe Gasthuis
Amsterdam, the Netherlands
Harvey D. White, DSc
Auckland City Hospital
Auckland, New Zealand

AGENDA

SECTION I. INTRODUCTION TO CANGRELOR
Moderator: Robert A. Harrington
Discussants: Stefan K. James, Ajay J. Kirtane, Roxana Mehran,
Freek W.A. Verheugt, and Harvey D. White
6:30 PM Oral Preloading Before PCI: Evidence for Safety and Efficacy
Deepak L. Bhatt
6:40 PM Cangrelor: Novel Uses of a Rapidly Acting IV P2Y12 Inhibitor in PCI
Gregg W. Stone
6:50 PM Nuances of Integrating Cangrelor Into Practice (Dose, Duration, Transitions, Etc.)
Dominick J. Angiolillo
7:00 PM Implications of P2Y12 Inhibition for Cardiac Surgery
Mac Dyke
7:10 PM Discussion

SECTION II. TOUGH CASES (WITH AUDIENCE RESPONSE)
Moderator: E. Magnus Ohman
Discussants: Stefan K. James, Ajay J. Kirtane, Roxana Mehran,
Freek W.A. Verheugt, and Harvey D. White
7:24 PM Case 1: Long-term DAPT – A Difficult Decision
Case Presenter: Tullio Palmerini
7:36 PM Case 2: Recent Anterior STEMI, Recent DES, and Recent Intracranial Bleed
Case Presenter: Morton J. Kern
7:48 PM Case 3: Recent DES on DAPT, LAA Closure for Atrial Fibrillation (Off VKAs), and Recent Embolic Stroke
Case Presenter: Matthew J. Price
8:00 PM Adjourn

Tuesday, October 13, 2015
Reception: 6:00 PM
Program: 6:30 PM-8:00 PM
Hilton San Francisco Union Square
Room: Continental Ballroom 1-4, Ballroom Level
333 O'Farrell Street
San Francisco, CA 94102

Sponsored by
The Medicines Company

Supported through an educational grant from
The Medicines Company
Next-Generation DES Technology: LET THE FUTURE BEGIN!

WEDNESDAY, OCTOBER 14, 2015
Reception: 6:00 PM
Program: 6:30 PM-8:00 PM

Hilton San Francisco Union Square
Room: Continental Ballroom 1-4, Ballroom Level
333 O’Farrell Street, San Francisco, CA 94102

CHAIRS
Alexandre Abizaid, MD, PhD
Instituto Dante Pazzanese de Cardiologia
São Paulo, Brazil

Martin B. Leon, MD
NewYork-Presbyterian Hospital/Columbia University Medical Center
New York, NY

Gregg W. Stone, MD
NewYork-Presbyterian Hospital/Columbia University Medical Center
New York, NY

INVITED FACULTY
J. Ribamar Costa Jr, MD
Instituto Dante Pazzanese de Cardiologia
São Paulo, Brazil

Juan F. Granada, MD
CRF Skirball Center for Innovation
Orangeburg, NY

Marie-Claude Morice, MD
Institut Cardiovasculaire Paris Sud
Massy, France

Patrick W. Serruys, MD, PhD
Imperial College, London/Thoraxcenter of Erasmus University
Rotterdam, the Netherlands

Ron Waksman, MD
MedStar Heart Institute
Washington, DC

AGENDA

PART I. DEDICATED DESIGNS
6:30 PM Customized Stents to Treat Different Anatomical and Clinical Scenarios: Bifurcations, Myocardial Infarction, Small Vessels, and More
Martin B. Leon

6:40 PM Roundtable Discussion With Audience Q&A

PART II. THE POLYMER-FREE ERA HAS BEGUN
6:45 PM BioFreedom and LEADERS FREE: Are the Results Practice Changing?
Marie-Claude Morice

6:55 PM DFS and ReVolution
Gregg W. Stone

7:02 PM Roundtable Discussion With Audience Q&A

PART III. WILL THE FUTURE BE FULLY BIORESORBABLE? MAKING THE CASE FOR...
7:10 PM Proven Outcomes (Absorb)
Patrick W. Serruys

7:17 PM Thin Struts With Self-Correcting Property (DESolve)
Alexandre Abizaid

7:24 PM Radiopacity (Fantom)
J. Ribamar Costa Jr

7:31 PM Metallic-DES-Like Performance (DREAMS)
Ron Waksman

7:38 PM Optimized Polymer (Amaranth)
Juan F. Granada

7:45 PM Roundtable Discussion With Audience Q&A

8:00 PM Adjourn

Sponsored by
Supported through educational grants from
Abbott, Amaranth Medical, Inc., Elixir Medical Corporation, Medtronic, Inc., Minvasys, REVA Medical, Inc., and Tryton Medical, Inc.
CO-CHAIRS

Roxana Mehran, MD
Mount Sinai Medical Center
New York, NY

Ajay J. Kirtane, MD, SM
New York-Presbyterian Hospital/Columbia University Medical Center
New York, NY

INVITED FACULTY

Dominic Angiolillo, MD, PhD
University of Florida-Shands
Gainesville, FL

Keith A. Fox, MD, ChB
The Royal Infirmary of Edinburgh
Edinburgh, United Kingdom

C. Michael Gibson, MD, MS
Beth Israel Deaconess Medical Center
Boston, MA

Duane S. Pinto, MD, MPH
Beth Israel Deaconess Medical Center
Boston, MA

Matthew J. Price, MD
Scripps Clinic
La Jolla, CA

Gregg W. Stone, MD
New York-Presbyterian Hospital/Columbia University Medical Center
New York, NY

AGENDA

6:30 PM Welcome, Introductions, and Course Objectives
Roxana Mehran

TREATMENT OF ACS

6:32 PM Case Presentation: Acute Coronary Syndrome (ACS)
Ajay J. Kirtane

6:42 PM Preloading With Oral Antiplatelet Agents: Which Agent and When?
Matthew J. Price

6:48 PM Role of Cangrelor in ACS: Should All Patients Receive It?
Gregg W. Stone

6:54 PM GP IIb/IIIa Inhibitors in ACS: Where Do We Stand?
Duane S. Pinto

7:00 PM Moderated Case Discussion
Moderator: Ajay J. Kirtane
Panel: All Faculty

STEMI CASE PRESENTATIONS

7:15 PM STEMI Case Presentation
Roxana Mehran

7:25 PM Clopidogrel, Ticagrelor, or Prasugrel in STEMI: How Do You Choose?
Dominic Angiolillo

7:33 PM IV Agents: Cangrelor or GP IIb/IIIa Inhibitors in STEMI
C. Michael Gibson

7:41 PM Discharging a Patient Home: How to Choose Which Agent, and for How Long?
Keith A. Fox

7:50 PM STEMI Roundtable Discussion: What Is Next, and How Can We Do Better?
Moderator: Roxana Mehran
Panel: All Faculty

8:00 PM Adjourn
Special Guest Speaker at TCT 2015!

Arnold SCHWARZENEGGER

Monday, October 12
8:30 PM
Main Arena
The Moscone Center

Come and hear this renowned public servant, healthcare and fitness activist, Hollywood superstar, businessman, and philanthropist.

Space is available on a first-come, first-served basis.

Supported by

CRF Skirball Center for Innovation Presents:

A SPECIAL EVENT WITH
CARLO ANCELLOTTI

Tuesday, October 13
8:30 PM
The Hilton San Francisco
Grand Ballroom B

Come hear one of the most respected managers in soccer history share his thoughts about innovation, team building, and leadership.
Evening Programs

MONDAY, OCTOBER 12, 2015

Emerging Interventional Technologies That May Shift the Treatment Paradigm: Synergy and Watchman
Hilton San Francisco Union Square
Grand Ballroom B, Grand Ballroom Level
Sponsored by Boston Scientific Corporation

Chair
Martin B. Leon, MD
Cardiovascular Research Foundation
New York, NY

Faculty
Jose M. de la Torre Hernandez, MD, PhD
Hospital Universitario Marques de Valdecilla
Santander, Spain
David R. Holmes Jr., MD
Mayo Clinic
Rochester, MN
Saibal Kar, MD
Cedars-Sinai
Los Angeles, CA
Dean Kereiakes, MD
The Christ Hospital
Cincinnati, Ohio
Ian T. Meredith, MBBS
Monash Heart Centre
Victoria, Australia
Vivek Y. Reddy, MD
Mount Sinai
New York, NY
Mark Reisman, MD
University of Washington
Seattle, WA

Agenda
6:30 pm - Welcome, Symposium Format, and Intro to Hosts
Martin B. Leon

6:35 pm - Recognition Segment #1
6:45 pm - Synergy Moderated Discussion
Moderator: Martin B. Leon
Discussants: Jose M. de la Torre Hernandez, Dean Kereiakes, Ian T. Meredith

7:05 pm - Recognition Segment #2
7:10 pm - Watchman Moderated Discussion
Moderator: Martin B. Leon
Discussants: David R. Holmes, Saibal Kar, Vivek Y. Reddy, Mark Reisman

7:30 pm - Recognition Segment #3
7:35 pm - Closing Thoughts/Comments
8:00 pm - Adjourn

The PCI Future Today: Bioresorbable Vascular Scaffolds
Hilton San Francisco Union Square
Imperial Ballroom, Ballroom Level
Sponsored by Cardiovascular Research Foundation
Supported through an educational grant from Abbott
This activity has been approved for 1.5 AMA PRA Category 1 Credits™

Chairs
Patrick W. Serruys, MD, PhD
Imperial College, London/
Thoraxcenter of Erasmus University Rotterdam, the Netherlands
Gregg W. Stone, MD
NewYork-Presbyterian Hospital/
Columbia University Medical Center
New York, NY

Faculty
Bernard R. Chevalier, MD
Institut Cardiovasculaire Paris Sud
Massy, France
Stephen G. Ellis, MD
Cleveland Clinic Foundation
Cleveland, OH
Dean J. Kereiakes, MD
The Christ Hospital
Cincinnati, OH
Corrado Tamburino, MD, PhD
Ferrarotto Hospital
Catania, Italy
Ron Waksman, MD
Medstar Heart Institute
Washington, DC

Agenda
6:30 pm - The Transformative Landscape of Bioresorbable Vascular Scaffolds
Ron Waksman
6:40 pm - ABSORB III Pivotal Study Results (Beyond the Late-Breaking Clinical Trial)
Stephen G. Ellis
6:55 pm - ABSORB Meta-analysis: Outcomes in >3,500 Randomized Patients
Gregg W. Stone

7:10 pm - Insights From Long-term Follow-up: Two-Year Results From ABSORB II
Bernard R. Chevalier

7:20 pm - Why BRS Treatment Today Should Improve Long-term Outcomes: Final 5-Year Cohort-B Imaging Results
Patrick W. Serruys

7:30 pm - Procedural Pearls to Optimize BRS Outcomes: A Case-Based Review
Corrado Tamburino

7:45 pm - Roundtable Discussion With Audience Q&A
8:00 pm - Adjourn

DAPT and Beyond: A Case-Based Guide to Optimal Antiplatelet Therapy
Hilton San Francisco Union Square
Continental Ballroom 5-6, Ballroom Level
Sponsored by Cardiovascular Research Foundation
Supported through educational grants from Abbott, AstraZeneca, Boston Scientific Corporation, and Medtronic, Inc.
This activity has been approved for 1.5 AMA PRA Category 1 Credits™

Chairs
Ajay J. Kirtane, MD, SM
NewYork-Presbyterian Hospital/
Columbia University Medical Center
New York, NY
Roxana Mehran, MD
Mount Sinai Hospital
New York, NY

Faculty
Eric R. Bates, MD
University of Michigan Medical Center
Ann Arbor, MI
John A. Bittl, MD
Munroe Regional Medical Center
Ocala, FL
George D. Dangas, MD, PhD
Mount Sinai Medical Center
New York, NY
James B. Hermiller, MD, PhD
St. Vincent Hospital/
The Heart Center of Indiana
Indianapolis, IN
Philippe Gabriel Steg, MD
Hôpital Bichat-Claude Bernard
Paris, France

Agenda
6:30 pm - Welcome, Introductions, and Session Goals
Roxana Mehran
DEBATE: DURATION OF DAPT
6:35 pm - Shorter Is Better
Ajay J. Kirtane
6:40 pm - Longer Is Safer
Eric R. Bates
6:45 pm - Commentary: How Do You Balance Bleeding Risk and Ischemic Benefit?
John A. Bittl
6:50 pm - Roundtable Discussion

REAL-WORLD CASES
7:00 pm - Case 1: A Complex Bifurcation PCI in an Elderly Woman
James B. Hermiller
7:05 pm - Panel and Synthesis
7:15 pm - Case 2: An Elderly Patient Who Requires Urgent Major Hip Surgery After PCI
Ajay J. Kirtane
7:20 pm - Panel and Synthesis
7:30 pm - Case 3: A Patient Who Develops A-fib After TAVR
George D. Dangas
7:35 pm - Panel and Synthesis
7:45 pm - Case 4: Patient With High Ischemic and Bleeding Risk
Philippe Gabriel Steg
7:50 pm - Panel and Synthesis
8:00 pm - Adjourn

Knights of the Roundtable 2015: Stop the Madness!
Hilton San Francisco Union Square
Continental Ballroom 1-4, Ballroom Level
Sponsored by Cardiovascular Research Foundation
Supported through educational grants from AstraZeneca, Boston Scientific Corporation, Medtronic, Inc., and The Medicine’s Company
This activity has been approved for 1.5 AMA PRA Category 1 Credits™

Chairs
Cindy L. Grines, MD
Detroit Medical Center
Detroit, MI
Philippe Gabriel Steg, MD
Groupe Hospitalier Bichat - Claude Bernard
Paris, France
Gregg W. Stone, MD
NewYork-Presbyterian Hospital/ Columbia University Medical Center
New York, NY

Faculty
David A. Cox, MD
Lehigh Valley Health Network
Bethlehem, PA
Jose P.S. Henriques, MD
Academic Medical Center
Amsterdam, the Netherlands
Sanjit S. Jolly, MD, MSc
McMaster University
Hamilton, Canada
Elmir Omerovic, MD, PhD
Sahlgrenska University Hospital
Göteborg, Sweden
Duane S. Pinto, MD, MPH
Beth Israel Deaconess Medical Center
Boston, MA
Barry D. Rutherford, MD
Saint Luke’s Cardiovascular Consultants
Trenton, MO
Daniel I. Simon, MD
University Hospitals Case Medical Center
Cleveland, OH
Thomas D. Stuckey, MD
Cone Health Heart and Vascular Center
Greensboro, NC
Holger Thiele, MD
Medizinische Klinik II (Kardiologie, Angiologie, Intensivmedizin)
Lübeck, Germany
David A. Wood, MD
St. Paul’s Hospital
Vancouver, Canada

Agenda
Section I. Routine Thrombus Aspiration: Dead or Alive?
6:30 pm - The Data Are In: No Benefit and Possible Harm (and Expense!)
Sanjit S. Jolly
6:37 pm - Not So Fast: New Insights From SCAAR!
Elmir Omerovic
6:44 pm - Case Presentation: STEMI With Thrombus – To Aspirate, or Not to Aspirate?
Thomas D. Stuckey
6:50 pm - Roundtable Discussion With Audience Q&A

Section II. Immediate, Early, or Deferred Revascularization of Nonculprit Lesions
7:00 pm - The Horse is Out of the Barn: Time for Rapid Early Revascularization!
Jose P.S. Henriques
7:08 pm - Routine Early Revascularization May be the Next COURAGE: Wait for the COMPLETE Answer!
David A. Wood

7:16 pm - Roundtable Discussion With Audience Q&A

Section III. Bivalirudin, Cangrelor and Ticagrelor in STEMI: The Perfect Marriage?
7:26 pm - The Data Are In: Reduce Bleeding, Prevent Stent Thrombosis, Save Lives!
Gregg W. Stone
7:34 pm - There Are Better Antithrombotic/Antiplatelet Combinations Than This!
Daniel I. Simon
7:42 pm - Roundtable Discussion With Audience Q&A
Elmir Omerovic

Section IV. Open Microphone Q&A
Session From the Audience: What’s on Your Mind?
7:52 pm - Roundtable Discussion With Audience Q&A
8:00 pm - Adjourn

TUESDAY, OCTOBER 13, 2015

The Interventional Toolbox for Complex and Higher-Risk Indicated Patients (CHIP)
Hilton San Francisco Union Square
Grand Ballroom A, Grand Ballroom Level
Sponsored by Cardiovascular Research Foundation
Supported through educational grants from Abbott, ABIOMED, Inc., Boston Scientific Corporation, Cardiovascular Systems, Inc., and Medtronic, Inc.
This activity has been approved for 1.5 AMA PRA Category 1 Credits™

Chairs
J. Aaron Grantham, MD
University of Missouri Kansas City and Mid America Heart Institute
Kansas City, MO
Ajay J. Kirtane, MD, SM
NewYork-Presbyterian Hospital/ Columbia University Medical Center
New York, NY

Faculty
Emmanouil S. Brilakis, MD
VA North Texas Health Care System and UT Southwestern Medical Center
Dallas, TX
### Evening Programs

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>6:30 pm</td>
<td>PCI of High-Risk Patients Under Hemodynamic Support: For Whom and With What? Jeffrey W. Moses</td>
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<tr>
<td>6:41 pm</td>
<td>Clinical Presentation/Angiogram</td>
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<td>6:44 pm</td>
<td>Discussion of Strategies</td>
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<td>6:49 pm</td>
<td>Discussion of What Was Done</td>
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<td>6:54 pm</td>
<td>Summary With Q&amp;A</td>
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### PART II. CTO PCI

Moderator: Jeffrey W. Moses

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<tr>
<td>7:02 pm</td>
<td>The Hybrid Approach to CTO PCI: What It Is, and How It Has Changed CTO PCI J. Aaron Grantham</td>
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<td>7:07 pm</td>
<td>CTO Success With the Retrograde Approach: A Case-Based Overview J. Aaron Grantham</td>
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### HYBRID CTO CASE REVIEW

Emmanouil S. Brilakis

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<tr>
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<td>7:26 pm</td>
<td>Summary</td>
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### PART III. ATERECTOMY AND CALCIUM

Moderator: Gregg W. Stone

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<tr>
<td>7:34 pm</td>
<td>The Importance of Coronary Calcification in Complex PCI: Data and Devices Philippe Généreux</td>
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### CALCIFIED ANATOMY CASE REVIEW

Manish A. Parikh

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<td>8:00 pm</td>
<td>Adjourn</td>
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The “Evolving Era” of Transcatheter Valve Therapies: New Frontiers in the Treatment of Aortic, Mitral, and Tricuspid Valve Disease

Hilton San Francisco Union Square Continental Ballroom 5-6, Ballroom Level

Sponsored by Cardiovascular Research Foundation

Supported through an educational grant from Edwards Lifesciences

This activity has been approved for 1.5 AMA PRA Category 1 Credits™

### Chairs

- Martin B. Leon, MD
- Michael J. Mack, MD

### Faculty

- Anson Cheung, MD, MSc
- Rebecca T. Hahn, MD
- James B. Hermiller, Jr., MD
- Susheel S. Kodali, MD
- Azeem Latib, MD

### Agenda

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<td>Technical Challenges and Therapeutic Options in Real-World BTK Interventions (Case-Based Presentation)</td>
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<td>Moderated Discussion</td>
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<tr>
<td>7:05 pm</td>
<td>A Critical Review of the Clinical Data in BTK Intervention Thomas Zeller</td>
</tr>
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</table>
I. New Milestones in the Safety and Efficacy of TAVR
Moderator: Martin B. Leon
6:30 pm - Landscape and Controversies
6:35 pm - Roundtable Discussion: Changing Clinical Standards and Indications, the Minimalist Strategy, Enhanced Technologies, Durability Considerations, and the “New” Heart Team

II. Assessment of New Mitral Valve Therapies
Moderator: Michael J. Mack
Discussants: Anson Cheung, James B. Hermiller, Lars Sondergaard
7:10 pm - Landscape and Controversies
7:15 pm - Roundtable Discussion: Novel Surgical Options, Functional MR Controversies, New Transcatheter Mitral Technologies, and Clinical Trial Strategies

III. The “Brave New World” of Tricuspid Valve Disease
Moderator: Rebecca T. Hahn
Discussants: Azeem Latib, Jason H. Rogers, Joachim Schofer
7:40 pm - Landscape and Controversies
7:45 pm - Roundtable Discussion: Clinical Indications, Patient Selection and Goals of Therapy, Novel Transcatheter Devices, and Imaging Considerations
8:00 pm - Adjourn

Antiplatelet Agent Dilemmas: Tough Cases, New Options
Hilton San Francisco Union Square
Continental Ballroom 1-4, Ballroom Level
Supported by Cardiovascular Research Foundation
Sponsored by The Medicines Company
This activity has been approved for 1.5 AMA PRA Category 1 Credits™

SECTION I. INTRODUCTION TO CANGRELOR
Moderator: Robert A. Harrington
Discussants: Stefan K. James, Ajay J. Kirtane, Roxana Mehran, Freek W.A. Verheugt, Harvey D. White
6:30 PM - Oral Preloading Before PCI: Evidence for Safety and Efficacy
6:40 PM - Cangrelor: Novel Uses of a Rapidly Acting IV P2Y12 Inhibitor in PCI
6:50 PM - Nuances of Integrating Cangrelor Into Practice (Dose, Duration, Transitions, Etc.)
Dominick J. Angiolillo
7:00 PM - Implications of P2Y12 Inhibition for Cardiac Surgery
Cornelius (Mac) Dyke
7:10 PM - Discussion

SECTION II. TOUGH CASES
Moderator: E. Magnus Ohman
Discussants: Stefan K. James, Ajay J. Kirtane, Roxana Mehran, Freek W.A. Verheugt, Harvey D. White
7:24 PM - Case 1: Long-term DAPT – A Difficult Decision
Tullio Palmerini
7:36 PM - Case 2: Recent Anterior STEMI, Recent DES, and Recent Intracranial Bleed
Morton J. Kern
7:48 PM - Case 3: Recent DES on DAPT, LAA Closure for Atrial Fibrillation (Off VKA), and Recent Embolic Stroke
Matthew J. Price
8:00 PM - Adjourn
**WEDNESDAY, OCTOBER 14, 2015**

**ACS/STEMI: Focus on Acute and Chronic Care**
Hilton San Francisco Union Square
Continental Ballroom 5-6, Ballroom Level
Sponsored by Cardiovascular Research Foundation
Supported through educational grants from Daiichi Sankyo, Inc. and Lilly USA, LLC, Medtronic, Inc., and The Medicines Company
This activity has been approved for 1.5 AMA PRA Category 1 Credits™

**Chairs**
Ajay J. Kirtane, MD, SM
NewYork-Presbyterian Hospital/Columbia University Medical Center
New York, NY
Roxana Mehran, MD
Mount Sinai Hospital
New York, NY

**Faculty**
Dominic Angiolillo, MD, PhD
University of Florida-Shands
Gainesville, FL
Keith A. Fox, MBChB
The Royal Infirmary of Edinburgh
Edinburgh, United Kingdom
C. Michael Gibson, MD, MS
Beth Israel Deaconess Medical Center
Boston, MA
Duane S. Pinto, MD, MPH
Beth Israel Deaconess Medical Center
Boston, MA
Matthew J. Price, MD
Scripps Clinic
La Jolla, CA
Gregg W. Stone, MD
NewYork-Presbyterian Hospital/Columbia University Medical Center
New York, NY

**Agenda**
6:30 pm - Welcome, Introductions, and Course Objectives
Roxana Mehran
TREATMENT OF ACS
6:32 pm - Case Presentation: Acute Coronary Syndrome (ACS)
Ajay J. Kirtane

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**STEMI CASE PRESENTATIONS**

6:15 pm - STEMI Case Presentation
Roxana Mehran

7:25 pm - Clopidogrel, Ticagrelor, or Prasugrel in STEMI: How Do You Choose?
Dominic Angiolillo

7:33 pm - IV Agents: Cangrelor or GP IIb/IIIa Inhibitors in STEMI?
C. Michael Gibson

7:41 pm - Discharging a Patient Home: How to Choose Which Agent, and for How Long?
Keith A. Fox

7:50 pm - STEMI Roundtable Discussion: What Is Next, and How Can We Do Better?
Panel: All Faculty
8:00 pm - Adjourn

---

**Next-Generation DES Technology: Let the Future Begin!**
Hilton San Francisco Union Square
Continental Ballroom 1-4, Ballroom Level
Sponsored by Cardiovascular Research Foundation
Supported through educational grants from Abbott, Amaranth Medical, Inc., Elixir Medical Corporation, Medtronic, Inc., Minvasys, REVA Medical, Inc., and Tryton Medical, Inc.
This activity has been approved for 1.5 AMA PRA Category 1 Credits™

**Chairs**
Alexandre A. Abizaid, MD, PhD
Instituto Dante Pazzanese de Cardiologia
São Paulo, Brazil
Martin B. Leon, MD
NewYork-Presbyterian Hospital/Columbia University Medical Center
New York, NY
Gregg W. Stone, MD
NewYork-Presbyterian Hospital/Columbia University Medical Center
New York, NY

**Faculty**
J. Ribamar Costa, MD
Instituto Dante Pazzanese de Cardiologia
São Paolo, Brazil
Juan F. Granada, MD
CRF Skirball Center for Innovation
Orangeburg, NY
Marie-Claude Morice, MD
Institut Cardiovasculaire Paris Sud
Massy, France
Patrick W. Serruys, MD, PhD
Imperial College, London/
Thoraxcenter of Erasmus University
Rotterdam, the Netherlands
Ron Waksmann, MD
Medstar Heart Institute
Washington, DC

**Part I. Dedicated Designs**
6:30 pm - Customized Stents to Treat Different Anatomical and Clinical Scenarios: Bifurcations, Myocardial Infarction, Small Vessels, and More
Martin B. Leon

6:40 pm - Roundtable Discussion With Audience Q&A

**Part II. The Polymer-Free Era Has Begun**
6:45 pm - BioFreedom and LEADERS FREE: Are the Results Practice Changing?
Marie-Claude Morice

6:55 pm - DFS and ReVolution
Gregg W. Stone

7:02 pm - Roundtable Discussion With Audience Q&A

**Part III. Will the Future be Fully Bioresorbable? Making the Case for...**
7:10 pm - Proven Outcomes (Absorb)
Patrick W. Serruys

7:17 pm - Thin Struts With Self-Correcting Property (DESolve)
Alexandre Abizaid

7:24 pm - Radiopacity (Fantom)
J. Ribamar Costa

7:31 pm - Metallic-DES-Like Performance (DREAMS)
Ron Waksmann

7:38 pm - Optimized Polymer (Amaranth)
Juan F. Granada

7:45 pm - Roundtable Discussion With Audience Q&A

8:00 pm - Adjourn
Interventional Management of Complex Patients: Cutting-edge Technologies for the Advanced Interventionalist
Hilton San Francisco Union Square
Grand Ballroom A, Grand Ballroom Level
Sponsored by St. Jude Medical, Inc.

Chair
Martin B. Leon, MD
NewYork-Presbyterian Hospital/Columbia University Medical Center
New York, NY

Faculty
William T. Abraham, MD
The Ohio State University
Columbus, Ohio
Ziad A. Ali, MD
NewYork-Presbyterian Hospital/Columbia University Medical Center
New York, NY
Jonathan Hill, MD
Kings College Hospital
London, UK
Ajay J. Kirtane, MD, SM
NewYork-Presbyterian Hospital/Columbia University Medical Center
New York, NY

Agenda
6:30 pm - Welcome/Objectives
Ziad A. Ali
6:33 pm - How to Optimize PCI With OCT
Ziad A. Ali
6:51 pm - Why Did I Adopt OCT?
Jonathan Hill
7:09 pm - Discussion/Commentary/Transition
Martin B. Leon
7:18 pm - Heart Failure Interventions: Remote Hemodynamic Monitoring for the Advanced Interventional Cardiologist
William T. Abraham
7:36 pm - What Does the Future Hold for Complex Patient Management? Ajay J. Kirtane
7:54 pm - Closing
Martin B. Leon
8:00 pm - Adjourn

Upcoming CRF Educational 2016 Events – Save the Dates

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<th>Event</th>
<th>Date</th>
<th>Location</th>
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<tr>
<td>TTT in Partnership With TCT</td>
<td>January 9-10, 2016</td>
<td>Taipei City, Taiwan</td>
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<tr>
<td>BIT (TCT Highlights Session)</td>
<td>February 6-7, 2016</td>
<td>Kolkata, India</td>
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<td>JIM in Partnership With TCT</td>
<td>February 11-13, 2016</td>
<td>Milan, Italy</td>
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<td>CADECI in Partnership With TCT</td>
<td>February 17-20, 2016</td>
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<td>CTO</td>
<td>March 2-4, 2016</td>
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<td>Intravascular Coronary Imaging and Physiology</td>
<td>March 11-12, 2016</td>
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<td>CIT in Partnership With TCT</td>
<td>March 17-20, 2016</td>
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<td>Chinese Interventional Therapeutics</td>
<td>March 21-23, 2016</td>
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<td>Echo</td>
<td>April 14-17, 2016</td>
<td>Orlando, FL</td>
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<td>CardioVascular Summit – TCTAP</td>
<td>April 26-29, 2016</td>
<td>Seoul, South Korea</td>
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<td>TCT @ AATS</td>
<td>May 14-18, 2016</td>
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<td>Transcatheter Valve Therapies (TVT)</td>
<td>June 16-18, 2016</td>
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<td>TCT Russia</td>
<td>June 2016</td>
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<td>SOLACI in Partnership With TCT</td>
<td>June 8-10, 2016</td>
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<td>TCT India Next</td>
<td>August 4-7, 2016</td>
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<td>Transcatheter Cardiovascular Therapeutics (TCT) 2016</td>
<td>October 28-November 1, 2016</td>
<td>Washington, DC</td>
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<td>Società Italiana di Cardiologia Invasiva</td>
<td>October 2016</td>
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<td>Colegio Argentino de Cardioangiólogos Intervencionistas</td>
<td>October 2016</td>
<td>Buenos Aires, Argentina</td>
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<td>Pulse of the City Gala</td>
<td>December 2016</td>
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For more information, please visit crf.org.
Improved Outcomes Through Global Education

Educate: We train interventional cardiologists and other healthcare professionals in advanced clinical techniques and innovations through more than 50 educational meetings and conferences each year, including the Transcatheter Cardiovascular Therapeutics (TCT) scientific symposium.

At-a-Glance
- 200+ CME meetings
- 100,000+ physicians and healthcare professionals trained worldwide
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- 50+ meetings conducted annually
SAVE THE DATE

October 29-November 2, 2016
TCTCONFERENCE.COM

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Convention Center
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Breakfast Meetings & Presentation Theaters Map

Moscone South – Lower Level

Moscone North – Lower Level

Breakfast Meetings Rooms
Presentation Theaters
Hilton San Francisco Union Square – Lobby Level
Hilton San Francisco Union Square – Grand Ballroom Level

Grand Ballroom B

Grand Ballroom A

Up to Restrooms

Green Room

Windows

Evening Programs Rooms
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(As of September 16, 2015)
JOIN US FOR CRF’S SIGNATURE FUNDRAISING EVENT OF THE YEAR!

THE ANNUAL

PULSE

of the city gala

AN EVENING WITH
DR. HENRY A. KISSINGER
and
SPECIAL GUEST ROMAN W. DESANCTIS, MD

DECEMBER 11, 2015 | 6:30 PM
THE PLAZA | GRAND BALLROOM
FIFTH AVENUE AT CENTRAL PARK SOUTH | NEW YORK, NY

Cocktails, Dinner, and Dancing

Proceeds from the evening will benefit CRF’s medical research and educational programs.
CRF is a 501(c)3 nonprofit organization.

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EVENING SYMPOSIUM

Emerging Interventional Technologies That May Shift the Treatment Paradigm: SYNERGY™ and WATCHMAN™

SPONSORED BY BOSTON SCIENTIFIC

Monday, October 12, 2015 | Reception: 6:00 pm | Program: 6:30 pm – 8:00 pm

Hilton San Francisco Union Square, Grand Ballroom B

CHAIR
Martin B. Leon, MD
Cardiovascular Research Foundation
New York, New York

SYNERGY MODERATED DISCUSSION
MODERATOR Martin B. Leon, MD
PANELISTS Jose M. de la Torre Hernandez, MD, PhD; Dean Kereiakes, MD; Ian Meredith, MBBS

WATCHMAN MODERATED DISCUSSION
MODERATOR Martin B. Leon, MD
PANELISTS David R. Holmes Jr, MD; Saibal Kar, MD; Vivek Y. Reddy, MD; Mark Reisman, MD

Sponsored Guest Speaker
The Boston Scientific Evening Symposium will be followed by Arnold Schwarzenegger, a special guest, of Cardiovascular Research Foundation. Shuttles to The Moscone Center will be provided.