2013
24TH ANNUAL
Cardiovascular Interventions

October 1-4, 2013
Hilton La Jolla Torrey Pines
La Jolla, California

Scripps Conference Services & CME
www.scripps.org/conferenceservices
Introduction

Course Overview

Cardiologists are trained during their fellowship years in the latest techniques, technologies, standards of practice and guidelines for patient care. However, the practice of medicine changes rapidly and the discipline of interventional cardiology changes, dramatically, each year. Changes in interventional cardiology directly impact patient care and require specific changes to physician practice. To stay current, physicians rely on journal articles, interaction with colleagues and isolated lectures throughout the year. The primary purpose of Cardiovascular Interventions is to provide the practicing physician with a concentrated exposure to new developments in interventional cardiology that will positively influence patient outcomes.

Through a program of lectures from world experts, live demonstration procedures and participant-faculty interactions, attendees will learn the latest advances in interventional cardiology. After completing this program, participants will return to their practice environment armed with the latest evidence base and practical information to improve patient outcomes.

Conference Highlights

• Plenary talks from nationally recognized experts
• Live satellite case transmissions from Scripps Clinic & Columbia University Medical Center
• Ample question and answer time with course faculty
• Networking opportunities among colleagues
• Expanded satellite symposia and pre-conference seminar
• Mobile conference app with access to course materials and recordings from the convenience of your mobile device or computer

Educational Objectives

After attending this activity, participants should be able to:

• Apply new technical approaches to specific lesion subsets such as bifurcation lesions, left main lesions, chronic total occlusions and saphenous vein graft disease.
• Integrate the latest guidelines and practice improvements into the management of myocardial function.
• Discuss new techniques under development for percutaneous cardiac valve repair and replacement.
• Reduce common catheterization laboratory patient complications using new techniques and technologies.
• Critique the latest evidence and guidelines supporting new cardiac imaging modalities such as IVUS and FFR guided stent deployment.
•Prescribe the appropriate antithrombotic therapies based on the latest data and guidelines.

Target Audience

This course is designed for interventional cardiologists, cardiologists, cardiac surgeons, vascular surgeons, and internists with an interest in interventional cardiology. No experience in interventional cardiology is required, but a basic understanding of the field is recommended.

Accreditation

Physicians (MD, DO)
Scripps Health is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.
Scripps Health designates this live activity for a maximum of 27.5 AMA PRA Category 1 Credit(s)™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Credit Breakdown
Pre-Conference Seminar (Tues): 7.5
Main Conference (Wed-Fri): 20
Wednesday: 4; Thursday: 8; Friday: 8
Total Credits Available: 27.5

Commercial Support

This course is supported, in part, by educational grants from industry, in accordance with ACCME accreditation Standards for Commercial Support. At the time of printing, a complete listing of commercial supporters was not available. Appropriate acknowledgement will be given to all supporters at the time of the educational activity.

Cultural and Linguistic Competency

This activity is in compliance with California Assembly Bill 1195 which requires that all CME activities comprising a patient care element include curriculum addressing the topic of cultural and linguistic competency. The intent of this bill is to ensure that health care professionals are able to meet the cultural and linguistic concerns of a diverse patient population through effective and appropriate professional development. Cultural and linguistic competency was incorporated into the planning of this activity.
Faculty

Course Director
Paul S. Teirstein, MD, FACC, FSCAI
Chief of Cardiology
Director, Interventional Cardiology
Scripps Clinic
La Jolla, California

Scripps Course Co-Directors
Matthew J. Price, MD, FACC, FSCAI
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Scripps Clinic/Scripps Green Hospital
Assistant Professor
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Scripps Clinic
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Scripps Faculty
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Robert J. Russo, MD, PhD
Director, Intravascular Imaging Program
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Guest Faculty
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Washington University School of Medicine
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Scottsdale Healthcare Hospitals
Medical Director and Interventional Cardiologist
Scottsdale Heart Group
Scottsdale, Arizona

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Professor of Medicine, Columbia University
School of Medicine
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Mid America Heart Institute
Kansas City, Missouri

Jeffrey A. Southard, MD, FACC
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Director, Transcatheter Aortic Valve Replacement Program
Division of Cardiovascular Medicine
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Sacramento, California

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College of Physicians and Surgeons
Co-Director, Medical Research & Education Division
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Branavan Umakanthan, DO, FACC, FSCAI
Nebraska Heart & Vascular Center
Las Vegas, Nevada

Christopher J. White, MD, FACC, FAHA, FSCAI, FESC
Professor of Medicine and System Chair for Cardiovascular Diseases
The Ochsner Clinical School
University of Queensland
Medical Director
John Ochsner Heart & Vascular Institute
Ochsner Medical Center
New Orleans, Louisiana

Faculty Disclosure
In accordance with the ACCME Standards for Commercial Support, course directors, planning committees, faculty and all others in control of the educational content of the CME activity must disclose all relevant financial relationships with any commercial interest that they or their spouse/partner may have had within the past 12 months. If an individual refuses to disclose relevant financial relationships, they will be disqualified from being a part of the planning and implementation of this CME activity. Employees of a commercial interest with business lines or products relating to the content of the CME activity will not participate in the planning or any accredited portion of the conference. Disclosure will be made to all participants at the conference location, prior to the educational activity commencement.
Tuesday, October 1, 2013

Pre-Conference Seminar
Hemodynamic Support in the Cath Lab
This seminar is supported, in part, by an educational grant from Abiomed, Inc. in accordance with ACCME standards for commercial support.

7:30 a.m. Registration and Hands-on Workshop
8:30 a.m. Welcome & Educational Overview
   Paul S. Teirstein, MD
8:45 a.m. The Science of Hemodynamic Support
   - Ideal Goals of Percutaneous Cardiac Support
   - Review of Hemodynamic Principles
   - Interactive Simulation
   Daniel Burkhoff, MD, PhD
9:30 a.m. Current Clinical Evidence
   John M. Lasala, MD, PhD
10:15 a.m. Break
10:30 a.m. Real World Applications of LV Support: Making the Best Decisions in the Clinical Arena
   Morton J. Kern, MD
11 a.m. Pre-recorded Live Case
   Paul S. Teirstein, MD
Noon Lunch
1 p.m. Cost Effectiveness and Reimbursement
   Branavan Umakanthan, DO
2 p.m. Technique: The Procedure
   Curtiss T. Stinis, MD
3 p.m. Break
3:30 p.m. Patient Management Beyond the CCL
   Mark A. Grise, MD
4 p.m. Future Directions
   David G. Rizik, MD
4:30 p.m. What We Learned Today
   Paul S. Teirstein, MD
5 p.m. Reception

Wednesday, October 2, 2013

Wednesday Breakfast Symposium
PCI Optimization and Structural Heart Advances
Non-CME Activity Supported By St. Jude Medical

8:30 a.m. Case-based FFR and OCT Workshop:
   Case Reviews and Clinical Interpretation
   Jeffrey A. Southard, MD
9:35 a.m. Novel Amplatzer™ Technologies
   Matthew J. Price, MD
10 a.m. Multi-disciplinary Management of Structural Heart Disease
   Raj J. Makkar, MD
10:20 a.m. Discussion

Wednesday Lunch Symposium
The Value of Transradial to Your Patients and Your Hospital
Non-CME Activity Supported By Terumo Medical Corporation

11 a.m. Tips and Tricks for Transitioning Your Lab to Radial
   Paul S. Teirstein, MD
11:15 a.m. Diagnostic and Guide Catheter Selection
   David E. Kandzari, MD
11:45 a.m. Practical Approaches to Overcoming Anatomical Challenges during Radial Intervention
   Matthew J. Price, MD
12:15 p.m. What’s the Data Supporting Radial? Outcomes, Radiation Exposure and Contrast Use
   James B. Hermiller, Jr., MD
12:45 p.m. Discussion
1 p.m. General Conference Registration Open
1:30 p.m. Live Cases 1 & 2 From Scripps Clinic
   Real World FFR Nuances: Downstream Disease, Left Main, Bolus or Drip - When Can You NOT Rely On FFR?
   Morton J. Kern, MD
   Guidewires 2013: So Many Options - How to Choose and How to Use
   Curtiss T. Stinis, MD
3:30 p.m. Break and View Exhibits
4 p.m. Live Cases 3 & 4 From Scripps Clinic
   Impact of Stent Geometry on Outcomes
   John Ormiston, MBChB (Otago)
   Bifurcations 2013: TAP, Crush, Culottes, Kiss - Step By Step Description of All Techniques
   Curtiss T. Stinis, MD
   Do Appropriate Use Criteria Impact Patient Care or Just Documentation of Patient Care?
   Paul S. Teirstein, MD
6 p.m. Adjourn

Wednesday Dinner Symposium
How to Establish A CTO Practice: Technology, Techniques and Reimbursement
Non-CME Activity Supported By Boston Scientific Corporation

7 - How to Establish A CTO Practice
8:30 p.m. David E. Kandzari, MD
   William L. Lombardi, MD
   John D. Ormiston, MBChB (Otago)
   Curtiss T. Stinis, MD
Thursday, October 3, 2013

6:30 a.m.  Continental Breakfast and View Exhibits

7:30 a.m.  **Live Cases 5 & 6 From Scripps Clinic**
Drug-eluting Stents 2013: Current Data, Future Advances
James B. Hermiller, Jr., MD
Show Me the Data: Key Clinical Trials in 2012-2013
David E. Kandzari, MD

9:30 a.m.  Break and View Exhibits

10 a.m.  **Live Cases 7 & 8 From Columbia University**
(Under the direction of Dr. Martin B. Leon, Dr. Jeffrey W. Moses, and Dr. Gregg W. Stone)
Current Landscape of Anti-platelet Therapy During and After PCI
Matthew J. Price, MD
Transcatheter Aortic Valve Replacement: State Of The Art
Paul S. Teirstein, MD

Noon  Lunch with Challenging Cases and Panel Discussion

1:30 p.m.  **Live Cases 9 & 10 From Scripps Clinic**
When to Choose and How to Use IVUS In 2013: Should FFR Always Be My First Choice?
Robert J. Russo, MD, PhD
Left Atrial Appendage Closure for Atrial Fibrillation: Current Status
Matthew J. Price, MD
The Challenges of Triple Therapy: Managing the DES Patient Who Also Requires Anti-coagulation
C. Michael Gibson, MD

3:30 p.m.  Break and View Exhibits

4 p.m.  **Live Cases 11 & 12 From Scripps Clinic**
INNOVATION AT SCRIPPS CLINIC
Stem Cells for Ischemic Heart Disease
Richard A. Schatz, MD
Transcatheter Mitral Valve Repair
Matthew J. Price, MD
Newer Stent Technologies for the Treatment of Iliac Disease
Curtiss T. Stinis, MD
Transcatheter Renal Artery Ablation for Hypertension
Paul S. Teirstein, MD
Transcatheter Aortic Valve Replacement
Paul S. Teirstein, MD
Biodegradable Stent Implantation
Paul S. Teirstein, MD
The Scripps LVAD Program
J. Thomas Heywood, MD

Now What Should We Do? An Interactive Panel
Analysis of Complex Cases
Session chair: Curtiss T. Stinis, MD
Discussants: David E. Kandzari, MD, Matthew J. Price, MD, Paul S. Teirstein, MD

6 p.m.  Adjourn

Thursday Dinner Symposium
Peripheral Vascular Interventions
Non-CME Activity Supported By Cook Medical

7 p.m.  Optimal Treatment of the Femoropopliteal Segment: Tips, Tricks and Device Selection
John R. Laird, MD

7:30 p.m.  Drug-eluting Technologies for the Lower Extremity: Which Lesion and Which Patient?
Christopher J. White, MD

8 p.m.  Critical Limb Ischemia: Surgery or Endovascular Therapy?
Curtiss T. Stinis, MD

8:30 p.m.  Panel Discussion: Complex Endovascular Case Reviews
John R. Laird, MD, Curtiss T. Stinis, MD, Christopher J. White, MD

Friday, October 4, 2013

6:30 a.m.  Continental Breakfast and View Exhibits

7:30 a.m.  **Live Cases 13 & 14 From Scripps Clinic**
Acute MI Update 2013
Barry D. Rutherford, MD
Quality Champions Will Save Interventional Cardiology
Christopher J. White, MD
Treatment of the Diabetic Patient with Coronary Artery Disease
Frederick Feit, MD

9:30 a.m.  Break and View Exhibits

10 a.m.  **Live Cases 15 & 16 From Scripps Clinic**
Practical Approach to Chronic Total Occlusions Part 1: Step By Step Techniques – The Antegrade Approach
David E. Kandzari, MD
Practical Approach to Chronic Total Occlusions Part 2: Step By Step Techniques – The Retrograde Approach
William L. Lombardi, MD

Noon  Lunch with Challenging Cases and Panel Discussion

1:30 p.m.  **Live Cases 17 & 18 From Scripps Clinic**
(Part guest Operators: Dr. David E. Kandzari and Dr. William L. Lombardi)
Patient Selection for Direct Thrombin Inhibitors during PCI
Steven P. Marso, MD
Complex 3 Vessel Disease and Unprotected Left Main PCI: What Is the Role of Stents in the Post SYNTAX/FREEDOM Era?
Paul S. Teirstein, MD

3:30 p.m.  Break and View Exhibits

4 p.m.  **Live Cases 19 & 20 From Scripps Clinic**
PFO, PDA, VSD, Paravalvular Leak: Should All the Holes Be Closed?
Matthew J. Price, MD
Treatment of Critical Limb Ischemia: New Techniques and Technologies
Curtiss T. Stinis, MD
Now What Should We Do? An Interactive Panel
Analysis of Complex Cases
Session chair: Curtiss T. Stinis, MD
Discussants: Frederick Feit, MD, James B. Hermiller, MD, David E. Kandzari, MD, William L. Lombardi, MD, Matthew J. Price, MD, Barry D. Rutherford, MD, Paul S. Teirstein, MD

6 p.m.  Final Adjournment
Hotel Information

Please make your own hotel reservations.

The Hilton La Jolla Torrey Pines Hotel is located on the internationally famous Torrey Pines Golf Course. Adjacent to Scripps Clinic, 10 minutes north of lovely La Jolla, and 20 minutes from the San Diego airport, the Hilton is close to all the attractions that make San Diego so desirable to visit. With the Pacific Ocean as a backdrop, all rooms command a spectacular view of either the ocean and championship golf course, or a meticulously tended, lush garden. In addition to the tennis courts, swimming pool, saunas and spa, the Shiley Sports and Health Center of Scripps Clinic is available to hotel guests.

We are fortunate to have obtained special low rates at the hotel starting at $239 per night (plus tax and parking). Make your reservations early. A block of rooms is being held for us at the $239 rate until Wednesday, September 11, 2013. After that date, reservations will be accepted based on availability and the special room rate will not be honored. Be sure to request the Scripps Clinic Cardiovascular Interventions rate when making reservations.

Hilton La Jolla
Torrey Pines
10950 North Torrey Pines Road
La Jolla, California 92037
Reservations: 800-762-6160
Hotel Direct: 858-558-1500

La Jolla

La Jolla is known throughout the world for its beautiful beaches and year-round temperate weather. Nestled on the northern edge of San Diego, it is unique in that it maintains its quaint village atmosphere within a sophisticated cosmopolitan environment. A broad spectrum of cultural and recreational activities is also available in the metropolitan San Diego area, including the nationally acclaimed San Diego Zoo, Wild Animal Park, Sea World, the San Diego Opera, the Old Globe Theater, and the Museum of Contemporary Art, San Diego in La Jolla.
Registration Fees & Information

Cardiovascular Interventions 2013

Included: Course tuition, breakfasts, breaks, lunches, pre-conference seminar, satellite symposia, and electronic course materials

Not Included: Travel costs, lodging, and parking

Conference Registration Fees

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<td>Nurses, Technicians &amp; Others</td>
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PRE-CONFERENCE SEMINAR/SATELLITE SYMPOSIUMS *(included with general conference registration fee)*

- Yes, I will attend the Tuesday Pre-Conference Seminar
- Yes, I will attend the Wednesday Morning Breakfast Symposium
- Yes, I will attend the Wednesday Afternoon Lunch Symposium
- Yes, I will attend the Wednesday Night Dinner Symposium
- Yes, I will attend the Thursday Night Dinner Symposium

BY COMPLETING THIS REGISTRATION FORM AND RETURNING IT TO SCRIPPS YOU ARE ACKNOWLEDGING COMPLIANCE WITH ALL ATTENDANCE POLICIES.

PLEASE PRINT CLEARLY. Should we have any conference communications or updates please provide your direct contact information.

Office use only:

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Payment Method

- Check
  - Please make checks payable to Scripps *(in U.S. Dollars only)*
- Visa
- MasterCard
- Amex
- Discover
  - If paying by credit card, please complete information below

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Registration Confirmation

A confirmation letter will be e-mailed to you upon receipt of the conference registration form and payment. If you have not received it within two weeks, please contact the Scripps Conference Services & CME office.

Attendee Cancellation, Substitution, Refund

The course tuition is refundable, minus a $100 processing fee, if your cancellation is received in writing no later than Friday, September 20, 2013. Attendee substitutions are allowed, but notification must be made in writing by September 20, 2013. After this date, under no circumstances will refunds, credits, or substitutions be granted. No refunds or credits will be given to “no shows.”

Guest Attendance Policy

All conference activities (including educational sessions, meal functions, exhibit hall, etc.) are exclusively reserved for conference attendees. Nonregistered guests (including children, family members, colleagues, etc.) are not allowed in the conference areas. Badges provided at registration are required for entrance into all functions and will be strictly enforced.

Scripps Conference Modification or Cancellation

Scripps reserves the right to modify the course’s schedule or program as necessary. Scripps also reserves the right to cancel this conference, in which case a full refund of the registration fee will be provided. We are unable to refund any travel costs (flight, hotel, etc.) in the case of Scripps cancellation.

Recording and Photography Clause

Scripps reserves exclusive rights to record (audio and video) and/or photograph all conference proceedings for use in marketing materials, presentations and course content sales.
Join Us!
Cardiovascular Interventions
October 1-4, 2013

Comments From the 2012 Course

- Combination of lectures and live cases keeps it interesting.
- Facing live challenges in the cath lab is the best way to learn from the leaders in the field. Paul Teirstein has the best conference in interventional cardiology around!
- Incredible range of cases with excellent panelists providing insight.

Photos © Ron Poblete

2013 24th Annual Cardiovascular Interventions
October 1-4, 2013
Hilton La Jolla Torrey Pines
La Jolla, California

A stimulating and comprehensive program that features live case demonstrations, lectures and panel discussions that will discuss the state-of-the-art concepts and techniques of interventional cardiology.

Robinson Island Resort